ORIGINAL ARTICLE

Nicotine Alters the Proteome of Two Human Pancreatic Duct Cell Lines

Joao A Paulo

Department of Cell Biology, Harvard Medical School, Boston, USA

ABSTRACT

Context Cigarette smoking is a known risk factor of pancreatic disease. Nicotine - a major cigarette tobacco component - can traffic through the circulatory system and may induce fibrosis and metastasis, hallmarks of chronic pancreatitis and pancreatic adenocarcinoma, respectively. However, at the biomolecular level, particularly in pancreatic research, the effects of nicotine remain unresolved. **Methods** The effects of nicotine on the proteomes of two pancreatic duct cell lines–an immortalized normal cell line (HPNE) and a cancer cell line (PanC1)- were investigated using mass spectrometry-based proteomics. For each cell line, the global proteomesof cells exposed to nicotine for 24 hrswere compared with untreated cells in triplicate using 6-plex tandem mass tag-based isobaric labeling techniques. **Results** Over 5,000 proteins were detectedper cell line. Of these, over 900 proteins were differentially abundant with statistical significance (corrected p-value <0.01) upon nicotine treatment, 57 of which were so in both cell lines. Amyloid precursor protein, previously observed to increase expression in pancreatic stellate cells when exposed to nicotine, was also up-regulated in both cell lines.In general, the two cell lines varied in the classes of proteins altered by nicotine treatment, supporting published evidence that nicotine may play different roles in the initiation and progression of pancreatic disease. **Conclusions** Understanding the underlying mechanisms associating nicotine with pancreatic function is paramount to intervention aiming to retard, arrest, or ameliorate pancreatic disease.

INTRODUCTION

In the United States, pancreatic cancer is the fourth most common cause of death due to cancer and has an average one and five year survival rate of 25% and 5%, respectively [1]. In pancreas adenocarcinoma - the major form of pancreatic cancer - tumor cells arise from pancreatic ductal epithelium. Pancreatic ductal adenocarcinoma has a mortality rate of nearly 100% within 2 years and comprises over 90% of all pancreatic cancers [2]. Pancreatic duct cells are epithelial cells that line the branched tubes of the organ, secrete bicarbonate, and thus conduct enzymes produced by acinar cells into the duodenum [3]. Delineating the molecular mechanisms regulating pancreatic duct cell function, in addition to alterations produced by cellular stresses, such as nicotine, will add to our general understanding of the disease.

One of the most prominent risk factors correlated with the development of pancreatic cancer is cigarette smoking [4, 5]. However, only limited research has been performed to investigate this association. Cigarette smoking may promote the development of chronic pancreatitis by increasing disease severity and pancreatic calcifications which can further damage the pancreas [6]. Elucidating the underlying cellular events promoted by smoking in the development of pancreatic disease is vital to timely intervention aimed at counteracting the disease.

Many of the toxic compounds found in tobacco smoke are absorbed into the blood stream and several have been detected in pancreatic fluid [7]. Cigarette smoke is an admixture of over 4,000 compounds, for which over 50 are suspected carcinogens [8]. Although not directly implicated in cancer, nicotine is a major toxic component of tobacco. In addition, cigarette smoking cessation programs often rely on nicotine replacement therapy (NRT), such as transdermal patches, nasal sprays or emerging e-Cigarette technology. Nicotine is readily absorbed by the lungs as well as other, more distal organs via systemic circulation [9]. Nicotine interacts with a population of nicotinic acetylcholine receptors (nAChR), with varying affinities and downstream effectors [10] and as such is as a contributing factor to myocardial [11, 12] , atrial [13], pulmonary [14, 15] and biliary fibrosis [16] diseases. The binding of nicotine to cell surface receptors transduces extracellular signals to the intracellular space resulting in ion transport and/or initiation of phosphorylation cascades and other signaling pathways [17-19].

Various cancers and chronic diseases have been linked to nicotine, yet the mechanisms of such are poorly understood [20, 21]. Concerning pancreatic disease, cigarette smoking may induce fibrosis and metastasis, hallmarks of chronic pancreatitis and pancreatic adenocarcinoma, respectively

Received May 31st, 2014 – Accepted July 10th, 2014
Key words Amyloid; Nicotine; Pancreatic Ducts; Pancreatic Neoplasms; Receptors, Nicotinic

Abbreviations APP: amyloid precursor protein; FBS: fetal bovine serum; PaDC: pancreatic duct cells; TMT: tandem mass tag

Correspondence Joao A Paulo
Department of Cell Biology, Harvard Medical School, Boston, MA 02115, USA
Phone + 617/432-6767; Fax: + 617/264-5277
E-mail joao_paulo@hms.harvard.edu

[22] . Evidence suggests that protein expression is altered in pancreatic duct cells (PaDC), and such cellular changes are implicated in pancreatic cancer and chronic pancreatitis [23]. However, to date, no comprehensive analysis of the effects of nicotine on PaDC in an *in vitro* environment has been published. In various cell types, nicotine is known to induce alterations in protein expression that affect cellular proliferation, chemotaxis, and attachment to various surfaces [24, 25].

Here, I focus on changes in the global proteome of cultured pancreatic cells when subjected to nicotine treatment. I investigate two PaDC cell lines, first a normal epithelial cell line, HPNE (human pancreatic Nestin-expressing), and second a well-studied pancreatic cancer cell line, PanC1 (pancreatic cancer 1). Identifying differences in proteins that are altered in abundance under nicotine stress is an initial step to gain a comprehensive understanding of the cellular physiology regulating the development and progression of pancreatic disease. Research such as that presented herein may broaden our knowledge of the effects of nicotine on the pancreas and further validation via targeted studies may provide targets for drug therapies aiming to retard or reverse the clinical manifestations of pancreatic disease.

MATERIALS AND METHODS

Materials

Dulbecco's modified Eagle's-F12 medium (DMEM/F12; 11330) was purchased from Gibco (Carlsbad, CA). Fetal bovine serum (FBS; F0392) was purchased from Sigma (St. Louis, MO). CellStripper (25-056-CL) for non-enzymatic cell dislodgement was purchased from Mediatech (Manassas, VA). Tandem mass tag (TMT) isobaric reagents were from Thermo Scientific (Rockford, IL). Water and organic solvents were purchased from J.T. Baker (Center Valley, PA). (-)-Nicotine (≥99%) (N3876) was purchased from Sigma (St. Louis, MO). Sequencing-grade modified trypsin (V5111) was obtained from Promega (Madison, WI). Unless otherwise noted, other reagents and solvents were from Sigma-Aldrich and Burdick & Jackson, respectively. Primary antibody against amyloid precursor protein (ab15272) was from Abcam (Cambridge, MA), while secondary horseradish peroxidase anti-rabbit antibody (sc-2313) was from SantaCruz Biotechnology (Santa Cruz, CA).

Cell Lines

The PaDC cell line, hTERT-HPNE (CRL-4023), was purchased from ATCC (Manassas, VA). These cells were immortalized by transduction with the catalytic subunit of human telomerase (hTERT) [26]. The well-established tumor-cell line from a human carcinoma of the exocrine pancreas, PanC1, was also purchased from ATCC [27]. Both cell lines are adherent epithelial pancreatic duct cells from males. However, these cells are not isogenic as they have unique origins and have been isolated differently. Cells lines were passaged 5 times in our hands.

Experimental Strategy

The experimental strategy was outlined in Figure 1. This procedure was performed in parallel for both HPNE and PanC1 cell lines. Cells were lysed and proteins were extracted via methanol-chloroform precipitation and then digested with LysC and trypsin. Each sample was labeled with a specific TMT isobaric tag. The pooled sample was fractionated by basic pH reversed-phase (BpRP) chromatography and subjected to LC-MS3 analysis.

Cell Growth and Harvesting of Pancreatic Duct Cells

Methods of cell growth and propagation followed previously utilized techniques [28, 29]. In brief, cells were propagated in Dulbecco's modified Eagle's-F12 medium (DMEM) supplemented with 10% fetal bovine serum (FBS). Upon achieving 85-90% confluency, the growth media was aspirated and the cells were washed 3 times with ice-cold phosphate-buffered saline (PBS). This cell density was chosen so as to maximize the amount of cells for harvesting while ensuring that the cells are proliferating. Assigned cell culture dishes were supplemented with 1 μM nicotine and control cell culture dishes were mock treated with an equal volume of sterile deionized water. Twenty-four hours after the addition of fresh media, the cells were dislodged with a non-enzymatic reagent, harvested by trituration following the addition of 10 mL PBS, pelleted by centrifugation at 3,000 x g for 5 min at 4°C, and the supernatant was removed. One milliliter of buffer containing TBSp (50 mM Tris, 150 mM NaCl, pH 7.4 supplemented with 1X Roche Complete protease inhibitors), 1% Triton X-100 and 0.5% SDS was added to each 10 cm cell culture dish.

Cell Lysis and Protein Digestion

Cells were homogenized by 12 passes through a 27 gauge (1.25 inches long) needle and incubated at 4°C with gentle agitation for 1 hr. The homogenate was sedimented by ultracentrifugation at 100,000 x g for 60 min at 4°C. Protein concentrations were determined using the bicinchoninic acid (BCA) assay (ThermoFisher Scientific). Proteins were subjected to disulfide bond reduction with 5 mM dithiotreitol (37°C, 25 min) and alkylation with 10 mM iodoacetamide (room temperature, 30 min in the dark). Excess iodoacetamide was quenched with 15 mM dithiotreitol (room temperature, 15 min in the dark).

Methanol-chloroform precipitation was performed prior to protease digestion. In brief, 4 parts of neat methanol was added to each sample and vortexed, 1 part chloroform was added to the sample and vortexed, and 3 parts water was added to the sample and vortexed. The sample was centrifuged at 10,000 RPM for 15 min at room temperature and subsequently washed twice with 100% acetone, prior to air-drying.

Samples were resuspended in 1 M urea, 50 mM HEPES, pH 8.5. Protein concentrations were determined using the BCA assay. Approximately 150μg of protein was digested at 37°C for 3 hrs with LysC protease at a 100:1 protein-to-protease ratio. Trypsin was then added at a 100:1 protein-

to-protease ratio and incubated overnight for 37°C. This reaction was then quenched with 1% formic acid, subjected to C18 solid-phase extraction (SPE) (Sep-Pak, Waters) and subsequently vacuum-centrifuged to near-dryness.

Tandem Mass Tag Labeling

In preparation for TMT labeling, desalted peptides were dissolved in 200 mM HEPES, pH 8.5. Peptide concentrations were determined using the microBCA assay. Approximately 100 μg of peptides from each sample were labeled with TMT reagent.

TMT reagents were dissolved in anhydrous acetonitrile and added to the peptides to achieve a final acetonitrile concentration of 30% (v/v). Following incubation at room temperature for 1 hr, the reaction was quenched with hydroxylamine at a final concentration of 0.3% (v/v). The TMT-labeled samples were combined at a 1:1:1:1:1:1 ratio. The samples were vacuum centrifuged to near dryness and subjected to C18 solid-phase extraction (Sep-Pak, Waters).

Offline Basic pH Reversed-phase (BpRP) Fractionation

The peptide mixture was separated into a total of 96 fractions using an Agilent 1100 quaternary pump equipped with a degasser and a photodiode array (PDA) detector (set at 220 and 280-nm wavelength) from ThermoFisher (Waltham, MA). A 50 min linear gradient from 5% to 35% acetonitrile in 10mM ammonium bicarbonate pH8 at a flow rate of 0.8 mL/min separated the peptides on an Agilent 300Extend C18 column (5 μm particles, 4.6 mm ID and 220 mm in length). The 96 fractions were consolidated into 12 using a checkerboard pattern. Samples were subsequently acidified with 1% formic acid and vacuum centrifuged to near dryness. Each fraction was desalted via StageTip, dried with vacuum centrifugation, and reconstituted in 5% acetonitrile, 5% formic acid for LC-MS/MS processing.

Liquid Chromatography and Tandem Mass Spectrometry

The mass spectrometry data were collected using an Orbitrap Velos Pro mass spectrometer (Thermo Fisher Scientific, San Jose, CA) coupled to an Accella 600 liquid chromatography (LC) pump (Thermo Fisher Scientific) and a Famos autosampler (LC packings). Peptides were separated on a 100 μm inner diameter microcapillary column packed with ~0.5 cm of Magic C4 resin (5 μm, 100 Å, Michrom Bioresources) followed by ~20 cm of Maccel C18 resin (3 μm, 200 Å, Nest Group). For each analysis, ~1 μg of peptide was loaded onto the column.

Peptides were separated using a 3 hr gradient of 6 to 30% acetonitrile in 0.125% formic acid with a flow rate of ~300 nL/min, using an MS3-based TMT method [30]. The scan sequence began with an MS1 spectrum (Orbitrap analysis, resolution 60,000, 300–1500 Th, automatic gain control (AGC) target 1×10^6, maximum injection time 150 ms). The top ten precursors were then selected for MS^2/MS^3 analysis. MS^2 analysis consisted of collision-induced dissociation (CID), quadrupole ion trap analysis, automatic gain control (AGC) 2×10^3, NCE (normalized collision energy) 35, q-value 0.25, and maximum injection time 100 ms. Following acquisition of each MS^2 spectrum, an MS^3 spectrum was collected with a recently described method in which multiple MS^2 fragment ions were captured in the MS^3 precursor population using isolation waveforms [30] with multiple frequency notches. MS3 precursors were fragmented by HCD and analyzed using the Orbitrap (NCE 50, Max AGC 1.5×10^5, maximum injection time 250 ms, isolation specificity 0.8 Th, resolution was 30,000 at 400 Th).

Data Analysis

Mass spectra were processed using a Sequest-based in-house software pipeline. First, mass spectra were converted to mzXML using a modified version of ReAdW.exe. Database searching included all entries from the human IPI database (v. 3.87), which was concatenated with a database composed of all protein sequences in reversed order. Searches were performed using a 50 ppm precursor ion tolerance. Product ion tolerance was set to 0.03 Th. TMT tags on lysine residues and peptide N termini (+229.163 Da) and carbamidomethylation of cysteine residues (+57.021 Da) were set as static modifications, while oxidation of methionine residues (+15.995 Da) was set as a variable modification.

Peptide-spectrum matches (PSMs) were altered to a 1% false discovery rate (FDR) [31]. PSM filtering was performed using a linear discriminant analysis, as described previously [32], while considering the following parameters: XCorr, ΔCn, missed cleavages, peptide length, charge state, and precursor mass accuracy. The signal-to-noise (S/N) ratio for each TMT channel was extracted for TMT-based reporter ion quantitation, and the closest matching centroid to the expected mass of the TMT reporter ion was determined.

The search space for each reporter ion was limited to a range of 0.002 Th to prevent overlap between the isobaric reporter ions. For protein-level comparisons, PSMs were identified, quantified, and then collapsed further to a final protein-level FDR of 1%. Furthermore, protein assembly was guided by principles of parsimony to produce the smallest set of proteins necessary to account for all observed peptides. Proteins were quantified by summing reporter ion counts across all matching PSMs. PSMs with poor quality MS3 spectra (more than 4 TMT channels missing and/or fewer than 75 total reporter ions) or no MS3 spectra were excluded from quantification.

Student t-tests were then used to identify proteins that were differentially expressed and the method of Benjamini and Hochberg was subsequently applied to control for multiple testing [33]. A Benjamini-Hochberg-corrected p-value < 0.01 was considered statistically significant, and a secondary threshold requiring a ±1.5 fold change was used. Protein quantitation values were exported for further analysis in Excel or Mathematica. Hierarchical clustering was performed using Multi Experiment Viewer [34].

Data Access

RAW files will be made available upon request.

RESULTS

Over 5,000 Proteins were Detected per Cell Line Using TMT-MS3 Analysis

Following the schema as outlined in Figure 1, I detected 5211 proteins in the HPNE cell line and 5930 in the PanC1 cell line. Of these, 4243 proteins were present in both cell lines, while 968 were unique to HPNE and 1687 were unique to PanC1 (Figure 2a). The significance threshold was set at a Benjamini-Hochberg corrected p-value of <0.01 and only those proteins with a fold change of ±1.5 were considered. Using these criteria, 315 proteins were significantly different in abundance upon nicotine treatment within the HPNE cell line (221 up-regulated and 94 down-regulated). Similarly, 731 proteins were significantly different within the PanC1 cell line (239 up-regulated and 492 down-regulated), as illustrated in Table 1. Comparing both cell lines, only 57 of the 989 non-redundant proteins with statistically significant alterations in abundance in at least one cell line were significantly altered in both cell lines (Figure 2b).

Nicotine Altered Protein Abundance Levels in Both HPNE and PanC1 Cell Lines

I have illustrated protein fold changes and statistical significance graphically as volcano plots for HPNE (Figure 3a) and PanC1 (Figure 3b). In these plots, the -log10 of

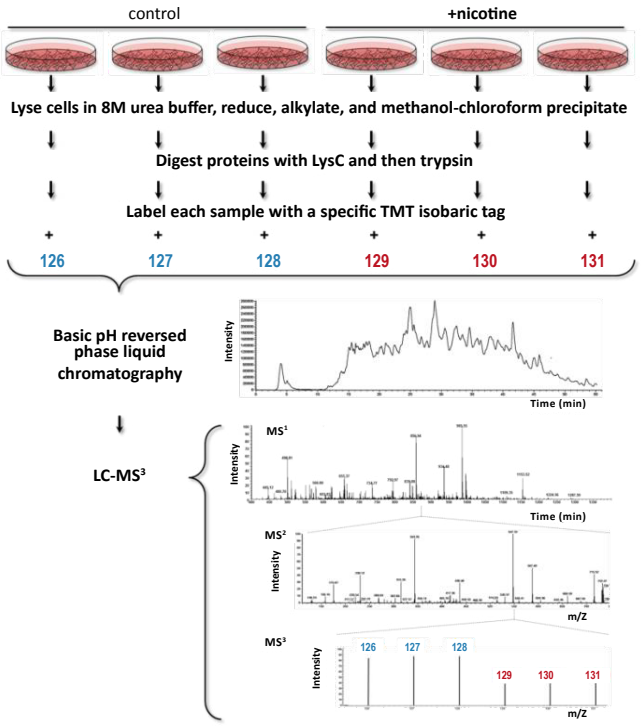


Figure 1. Workflow of the quantitative mass spectrometry-based TMT MS^3 experiments. Following cell lysis and protein extraction, proteins were digested with LysC and then trypsin. Each sample was labeled with a specific TMT isobaric tag (control cells were labeled with 126-128 colored in blue and PanC1 with 129-131 colored in red) and then combined. The pooled sample was fractionated by basic pH reversed-phase (BpRP) liquid chromatography and subjected to LC-MS^3 analysis. This procedure was performed in parallel for both HPNE and PanC1 cell lines.

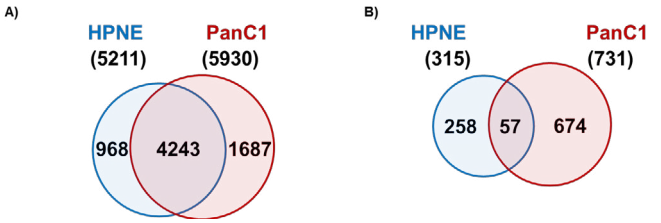


Figure 2. Protein overlap between cell lines. A) Venn diagram illustrating that a total of 5211 proteins were detected in the HPNE cell line, while 5930 proteins were detected in the PanC1 cell line, of which there was an overlap of 4243 proteins. B) Venn diagram representing he number of proteins demonstrating statistically significant differences (p<0.01 and fold change ±1.5) in abundance upon nicotine stress.

Table 1. Summary of proteins quantified and those differentially abundant between the HPNE and PanC1 cell lines.

	Number of proteins detected	Statistically significant	
		up	down
HPNE	5211	221	94
PanC1	5930	239	492

the Benjamini-Hochberg corrected p-value was plotted against the log2 ratio of the protein abundance. This ratio was calculated using the average for the three nicotine-treated replicates of the summed peptide signal to noise for each protein divided by the corresponding average of the control replicates. In each volcano plot, the upper leftmost section represented those proteins with a 1.5-fold or greater decrease in abundance and a significant p-value, while the upper rightmost section represented those proteins with a 1.5-fold or greater increase in abundance, again with a significant p-value.

In efforts to discover pathways that were modulated upon nicotine treatment, I then performed Panther pathway analysis via DAVID (Database for Annotation, Visualization and Integrated Discovery) [35]. Here, I highlighted pathways that were involved in JAK/STAT signaling, nAChR-binding, cytokine receptor binding and cell proliferation. I chose to limit the discussion to a set of pathways that were relevant to nicotine–induced signaling (JAK/STAT signaling and nAChR-binding) alterations as well as pancreatic disease (cytokine receptor binding and cell proliferation). Although I have associated these proteins to specific pathways, most proteins partake in more than one pathway, either with a minor or major role. For example, I have classified, E3 ubiquitin-protein ligase (UHRF1) as involved in cell proliferation, but it also has a role in chromatin structure and gene expression and is an oncogene for hepatocellular carcinoma [36]. Therefore, the pathway categories listed are not exclusive for that particular set of proteins.

Protein abundance data for the four pathways that I have chosen to investigate were illustrated in Supplemental Figure 1. First, proteins involved with JAK/STAT signaling include Interferon gamma (IFNGR1), Interleukin-13 receptor subunit alpha-1 (IL13RA1), Tyrosine-protein kinase (JAK1), and Oncostatin-M-specific receptor subunit beta (OSMR) (Supplemental Figure 1a). Second, proteins demonstrating cytokine receptor binding include Cation-

independent mannose-6-phosphate receptor (IGF2R), Alpha-2-macroglobulin (A2M), Cysteine rich protein 61 (CYR61), and Thrombospondin-1 (THBS1) (Supplemental Figure 1b). Third, proteins involved in cell proliferation include High-temperature requirement A serine peptidase (HTRA1), E3 ubiquitin-protein ligase (UHRF1), ERBB receptor feedback inhibitor 1 (ERRFI1), and Transcription initiation factor 1 (TAF1) (Supplemental Figure 1c). Fourth, suspected nAChR binding partners include Amyloid-like protein 2 (APLP2), Apolipoprotein B (APOB), and Amyloid beta A4 protein (APP) (Supplemental Figure 1d). Some functional overlap was present within these groups, as CYR61 and HTRA1 can have roles in both cell proliferation and cytokine receptor binding, while OSMR also functions in cytokine receptor binding, as well as JAK/STAT signaling.

Although the abundance of most proteins above were altered either up or down in both cell lines, a few proteins changed in opposing directions. In both cell lines, all three of the suspected nAChR binding proteins were of higher abundance in the nicotine-treated samples than the untreated samples. In contrast, A2M, CYR61, HTRA1, and THBS1, all of which have functions in cytokine receptor binding, were of higher abundance in nicotine-treated HPNE cells compared to control, however the opposite was true for PanC1. Conversely, UHRF1 was of relatively lower abundance in HPNE cells than PanC1 upon nicotine treatment. The mechanistic relationship between nicotine and the alteration in proteins expression requires further clarification. Investigating signaling cascades associated with these proteins may explain such variations.

Nicotine Affected the Abundance of Different Sets of Proteins in the Two Cell Lines

In total, 989 proteins showed statistically significant differences in abundance in at least one cell line upon treatment with nicotine. Hierarchical clustering was performed subsequently on these proteins. Data for each protein across quantified channels for the HPNE cell line (Figure 4a) were normalized with respect to the average wildtype abundance levels, as were data for PanC1 (Figure 4b) independently. In both cell lines, samples clustered first by triplicate, that is, untreated cells clustered together, as did the nicotine-treated cells. I divided the clustering diagrams into 5 sections according to the direction of changes in protein abundance. The DAVID bioinformatics resource allows data mining with a comprehensive set of biologically-relevant functional annotation tools [35]. Using this tool, I assigned the major enriched protein class categories for each cluster, which are listed to the right of the heat maps in Figure 4.

Only 57 of the 989 proteins with statistically significant alterations in abundance in at least one cell line were significantly altered in both cell lines (Figure 3b). I then divided the proteins into four groups corresponding to the direction of protein expression in terms of nicotine treatment to controls for both cell lines (Figure 4), that is, up in both, down in both, down in HPNE but up in PanC1, and up in HPNE but down in PanC1. Of these proteins, 28 showed altered expression in the same direction. More specifically, 18 were of higher abundance upon treatment with nicotine, and 10 of lower abundance. Conversely, 29 proteins were significantly altered in opposite directions. Of these, seven were of lower abundance in HPNE and higher abundance in PanC1, while 22 were of higher abundance in HPNE and lower abundance in PanC1 relative to nicotine treatment. The differences in abundance changes provide support for cell line-specific effects of nicotine.

DISCUSSION

The data indicate that nicotine extensively alters protein abundance in pancreatic duct cells with distinctive proteins being differentially regulated in HPNE and PanC1 cell lines. An isobaric tandem mass tag mass spectrometry approach detected 5211 proteins in the HPNE cell line and 5930 proteins in the PanC1 cell line. Considering both cell lines, I determined 989 proteins to be differentially abundant with statistical significance (Benjamini-Hochberg corrected p-value <0.01 and fold change greater than ±1.5), 57 of which were altered upon nicotine treatment in both cell lines. Nicotine exposure affected the expression of different classes of proteins in both cell lines. Such data may support published evidence that the effects of nicotine

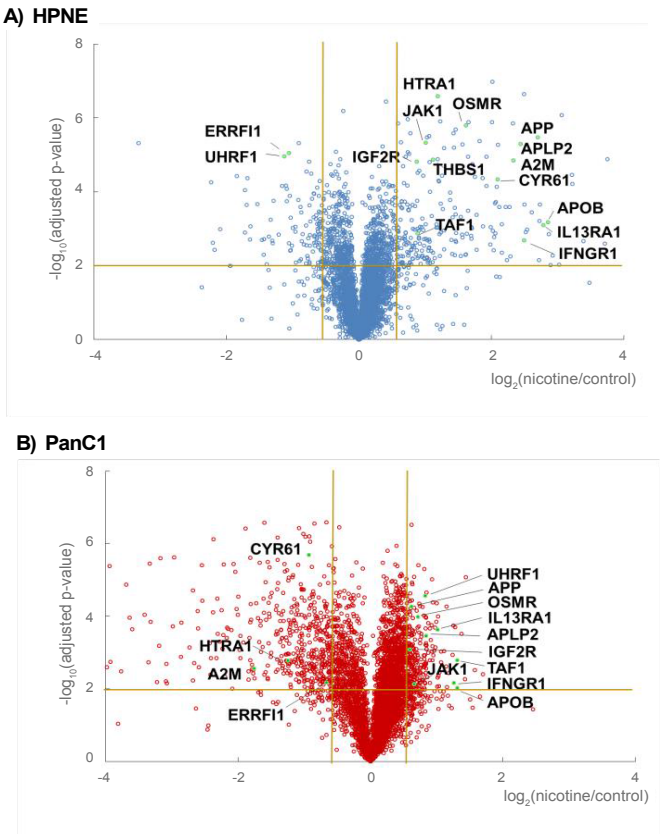


Figure 3. Volcano plots of quantified, differentially expressed proteins, highlighting select proteins that are statistically significant in both cell lines. These volcano plots illustrate the $\log_{10}$ Benjamini-Hochberg corrected p-value ($\log_{10}$ (adjusted p-value)) vs. the $\log_2$ change of protein abundance in the presence (+) and absence (-) of nicotine ($\log_2$ (+/- nicotine)) for **A)** HPNE and **B)** PanC1 cell lines. The significance thresholds are represented by a horizontal line (p-value = 0.01) and two vertical lines (-1.5 fold on the left and +1.5 fold on the right).

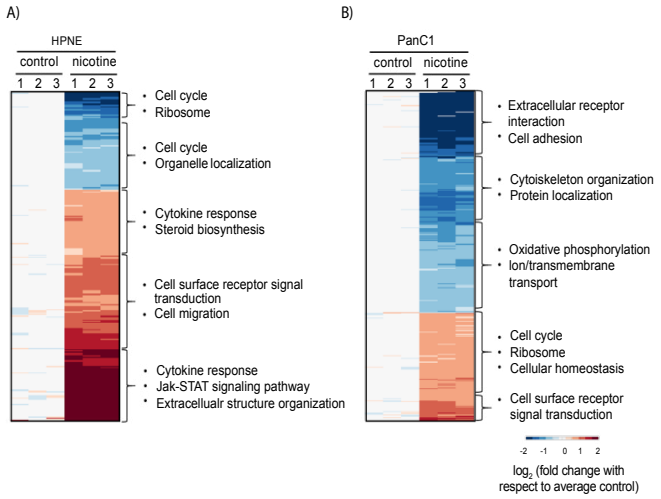


Figure 4. Statistically significant alterations in pancreatic duct cell proteins. Heat map of the **A)** 315 proteins that were statistically significant in the HPNE cell line and **B)** 731 proteins that were statistically significant in the PanC1 cell line. Enriched gene ontology classifications were listed to the right of each heat map. The heat maps compare the protein abundance ratios of all samples with respect to that of the control cells.

may be different in the initiation and progression of the disease [37, 38].

Functional annotations were culled from the DAVID bioinformatics resource to examine the pathways in which the proteins detected may have a role. As proteins may have several different functions in a cell, the categories listed are representative of the whole cluster and may not reflect the major functional category of certain proteins. Of the pathways listed, cell surface receptor signal transduction proteins were up-regulated following nicotine treatment in both cell lines, which is consistent with the frequently observed effect in various systems [39, 40]. In PanC1, certain membrane proteins appear to be down-regulated upon nicotine treatment, such as those involved in cell adhesion and transmembrane/ion transport as well as oxidative phosphorylation [41]. In HPNE, up-regulated proteins included those involved in cytokine response, steroid biosynthesis, cell migration, extracellular structure organization and the JAK/STAT signaling pathway, all of which have been implicated as cellular responses to nicotine [17, 20, 42]. Cell division, ribosomes, and certain cell cycle proteins trended down in HPNE and up in PanC1, emphasizing the different effects that nicotine has on the cell lines. Overall, these data show that altered proteins spanned a wide-range of cellular functions, albeit differently between cell types. Such differences were expected as PanC1 cells are substantially differentiated from non-cancerous PaDC (HPNE) both functionally and morphologically.

Among the functional annotations highlighted by David, cytokine response is of particular interest in relation to its cellular interactions with the surrounding microenvironment. Cytokines are known to affect the development and progression of pancreatic cancer and chronic pancreatitis [43, 44]. Studies using pancreatic stellate cells, for example, have underscored the expression of several growth factors, chemokines and cytokines, known to participate in inflammatory and fibrotic responses to pancreatic injury. These responses are often precursors to malignant and pre-malignant lesions [43, 45, 46]. Moreover, nicotine has also been implicated in the release and expression modulation of cytokines in a variety of cellular systems [47, 48]. In this study, several differentially expressed proteins were involved in cytokine receptor binding and JAK/STAT signaling (Supplementary Figure 1a). The expressed regulatory factors controlling the cellular functions of pancreatic cells represent potential diagnostic and therapeutic targets. However, the effects of nicotine on the expression and cellular regulation of cytokines and associated pathways have not been thoroughly investigated and merit further study.

Related to the inflammatory and fibrotic responses, the amyloid precursor protein (APP) was up-regulated in both cell lines treated with nicotine (Supplementary Figure 1d). Western blotting against APP, using actin as a protein loading control (Supplemental Figure 1e), validated the mass spectrometric data which showed similarly increased levels of APP expression in both cell types when treated with nicotine. APP is well studied in the nervous system and is linked to the development of Alzheimer's disease [49, 50]. APP has been identified previously in an interactome study of the α7 nAChR from mouse brain tissue [19] and has been shown in several studies to bind and modulate the activity of this receptor [51, 52]. In addition to expression in the nervous system, APP has been identified at high levels in the pancreas, epidermis, and thyroid [53, 54]. In neurons, APP is suspected to have an effect in cell growth and process extension [49], although the physiological role of APP in the pancreas and other organs has not been well defined. However, evidence has suggested APP may be involved in inflammatory and cytokine-mediated response [55], which correlates well with the effects of nicotine on cytokine-related proteins as observed herein. APP has been noted previously as being up-regulated in nicotine-treated pancreatic cells in a cross-species analysis, which included pancreatic stellate cells from mouse, rat, and human species [56]. Moreover, an *in vitro* study using pancreatic ductal epithelial cells has indicated that increased APP expression in pancreatic cancer may influence cellular proliferation [57]. This study revealed the expression and cellular localization of APP and associated proteins in pancreatic ductal epithelial cell lines under standard growth conditions without exogenous perturbations (e.g., nicotine treatment). As such, further investigation may lead to a link among nicotine, APP expression, inflammatory response, and pancreatic cancer (Figure 5).

Physiologically, nicotine binds specifically to nicotinic acetylcholine receptors (nAChR) that participate in signal transduction resulting in intracellular phosphorylation cascades. nAChRs have key roles in the chemical transmission of electrical signals at nerve cell synapses and at neuromuscular junctions [58]. These receptors, particularly the α7 subtype, have been found also in non-

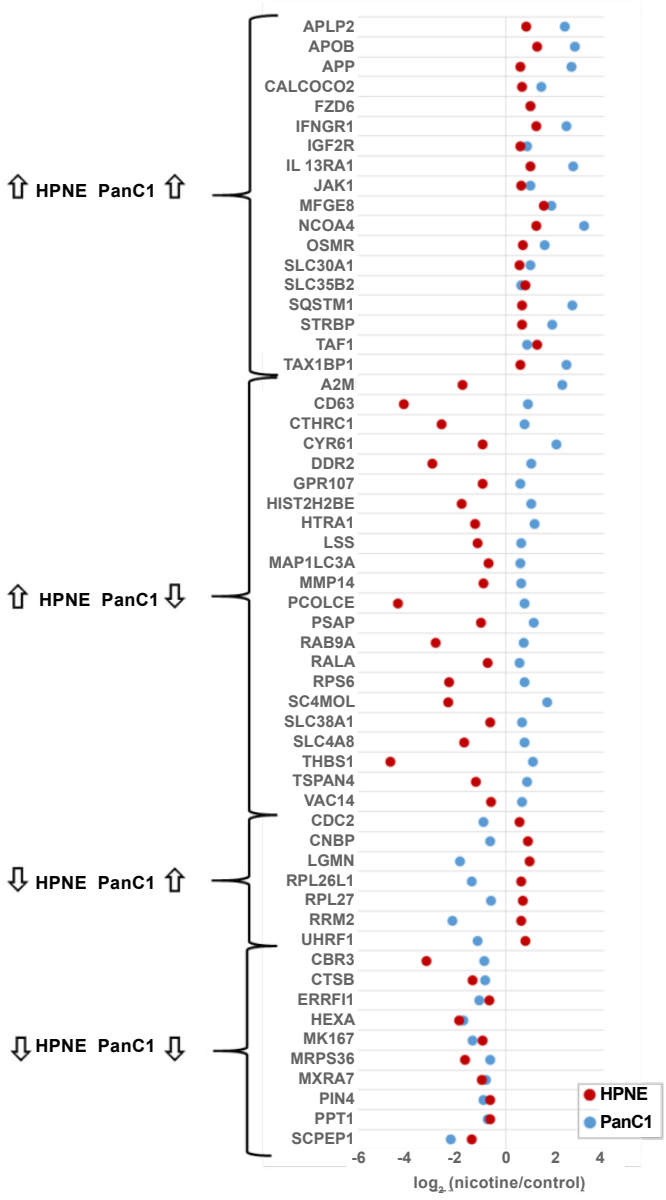


Figure 5: Dot plot of proteins illustrating proteins with statistically significant differences in abundance in both cell lines. Fifty-seven proteins demonstrated statistically significant changes in both cell lines.

neuronal cells and are thought to be important regulators of cellular function [59-61]. Nicotine induces cell proliferation in breast, lung, and pancreatic cancer cells. In one study, nicotine increases the levels of vimentin [38]. Another study has demonstrated that nicotine acts via the α3 nAChR and increases the expression of fibrosis-related proteins [62]. Also, in lung cancer cells, nicotine has been shown to activate proliferation by the phosphorylation of Bcl-2 [63]. Ca^{2+} - induced kinase-based signaling is of particular interest due to the ionotropic nature of nAChRs [64, 65]. More recently, nicotine has been shown to affect secretion in pancreatic acinar cells via calcium signaling [64]. Herein, I have identified proteins differentially expressed upon nicotine treatment that are involved in JAK/STAT signaling and have not been identified previously in the context of PaDC function. Understanding the dynamics of kinase activity and phosphorylation patterns associated with nicotine and PaDC function may provide targets for the early detection of pancreatic disease.

The research outlined herein may be expanded in several diverse directions using the presented techniques. As proteins involved in cytokine receptor binding showed significant changes in protein abundance, we could interrogate the spent culture media for secreted proteins in future analyses. Secretion of cytokines in media, for example, would indicate an autocrine signaling function as has been described for the activation of pancreatic stellate cells [66]. In addition, like nicotine, cellular stress resulting from treatment with metabolic products of nicotine and carcinogens present in cigarette smoke, such as cadmium, toluene, NNK, formaldehyde, may have significant effect on cellular protein expression. Such effects may be similar, more subtle, or more intense than that of nicotine and merit study in future investigations. Moreover, although pancreatic enzymes are conducted to the duodenum via pancreatic duct cells, the acinar cells produce the pancreatic enzymes involved in protein digestion. Dysregulation of these enzymes, particularly characterized by intracellular activation, often results in pancreatitis and later pancreatic cancer [67]. As such, these cells may offer an alternative target for studying the effect of nicotine on the pancreas, which may have a different set of altered pathways.

With the data acquired herein, we can identity proteins that change in abundance, but we cannot assertively determine the molecular mechanisms regulating associated pathway alterations. To understand better these phenomena, posttranslational signaling studies may be informative. Future investigations may include phosphoproteomic analysis of these cell types to study changes resulting from treatment with nicotine. Proteins do not function in isolation, but in complex networks of cross-talking pathways. Phosphorylation events, resulting from the activity of kinases, are major initiators and propagators of signaling events. Evidence supports nicotine as a factor that can alter protein phosphorylation events. For example, nicotine has been shown to induce cell proliferation using a Src and Akt-dependent pathway in pancreatic cancer cells [68] and has a role in the phosphorylation of CREB, ERK, Src, and AKT. Moreover, Shin *et al.* has shown that nicotine promotes growth of gastric cancers via PKC and ERK1/2 phosphorylation [69]. Such activity resulting from nicotine exposure has not been studied extensively in pancreatic cells and doing so will significantly enhance our understanding of the signaling pathways implicated in the biomolecular alterations triggered by nicotine. The techniques outlined here could be adapted to phosphorylation analysis to allow further interrogation of signaling pathways regulated by nicotine treatment.

Alterations in signaling pathways, may also be heavily dependent on the concentration of nicotine added to the media. For this study, the nicotine concentration was 1 μM, which has been used routinely in gastrointestinal cancer research [70] and for multiple cell lines [38]. This concentration approximates the supposed upper limit in the blood of cigarette smokers, which can vary from 25 to 444 nM [71]. A recent study investigated nicotine-induced cell proliferation in variety of cell lines with the maximum effect of nicotine being observed at a 1 μM concentration [72]. However, protein changes have also been noted at

a range of concentrations, as a prior study investigating hepatic stellate cells showed similar alterations at nicotine concentrations ranging from 100 pM to 10 μM [73]. Future studies may explore the consequences of nicotine treatment on PaDC resulting from dose-dependent effects, particularly lower, and physiological, concentrations to show the minimum needed for a significant alteration in abundance, as well as time-dependent protein abundance alterations elicited by nicotine treatment. Tracking the cellular proteomic response to these conditions may provide additional evidence for changes observed in the present study and result in further insights into the mechanisms of disease.

The investigation of signaling pathways can also be enhanced by technological improvements and methodological innovations for mass spectrometric analyses. As proteomic techniques develop further and instrument sensitivity increases, such improvements may refine further the initial investigation described herein. Until recently, only limited targeted mass spectrometry-based strategies were available. These methods require specialized triple quadrupole instruments and intense assay development (multiple and single reaction monitoring, abbreviated MRM and SRM, respectively) [74]. Emerging methods in mass spectrometry may facilitate such strategies and allow for multiplexed, targeted absolute quantitation [75]. Such assays will allow for multiple targets to be analyzed quantitatively, and as such facilitate the simultaneous analysis of several proteins within a pathway. These advancements indicate a positive outlook for future mass spectrometry-based pathway studies.

In conclusion, the data show significant changes in the protein profiles of PaDC following nicotine treatment. Future studies exploring further the impact of nicotine on cellular functions considering dose and time-dependent effects may enable the tracing of alterations in the abundance of specific proteins or modulation of certain pathways thereby expanding our knowledge concerning the effects of nicotine on the pancreas. Moreover, although difficult to obtain and culture, the use of isogenic primary cells that originate from diseased and healthy areas of the same patient would support further the data presented herein. In summary, the data demonstrate that exposure of pancreatic cells to nicotine alters the abundance of certain proteins, the mediation of which may be linked to pancreatic diseases, including pancreatic adenocarcinoma and chronic pancreatitis.

SUPPLEMENTS

Supplemental Figure 1. Examples of statistically significant, differentially abundant proteins following nicotine treatment. The proteins above demonstrate significant changes in abundance in both pancreatic cell lines. These proteins were classified as either **A)** JAK/STAT signaling proteins, **B)** nAChR interacting proteins, **C)** cytokine binding proteins, or **D)** cell proliferation-related proteins. **E)** Western blotting analysis probing for amyloid precursor protein (APP,) which is up-regulated in both cell lines upon nicotine treatment, and corresponding actincontrol blot.

Supplemental Table 1. Proteins quantified in HPNE and PanC1 TMT6-plex analysis. Columns include: Protein identification number, gene symbol, protein description/ name, number of peptides identified per protein (peptides), the normalized summed signal to noise for each of the 6 channels (126_sn_norm to 131__sn_norm).

Acknowledgements

Funds were provided by the following NIH grants: 1 K01 DK098285 (JP) and a grant from the American College of Gastroenterology: ACG – 042103580 (JP). I would also like to thank members of the Gygi Lab at Harvard Medical School for their technical assistance and critical reading of the manuscript, in particular Dr. Steven P. Gygi for his mentorship, advice, and use of his mass spectrometers and Robert A. Everley for assistance with data collection.

Conflict of Interest

Authors declare to have no conflict of interest.

REFERENCES

1. Hariharan D, Saied A, Kocher HM. Analysis of mortality rates for pancreatic cancer across the world. HPB (Oxford). 2008; 10: 58-62. [PMID: 18695761].

2. Fuchs CS, Colditz GA, Stampfer MJ, Giovannucci EL, Hunter DJ, Rimm EB, Willett WC, Speizer FE. A prospective study of cigarette smoking and the risk of pancreatic cancer. Arch Intern Med. 1996; 156: 2255-2260. [PMID: 8885826].

3. Grapin-Botton A. Ductal cells of the pancreas. Int J Biochem Cell Biol. 2005; 37: 504-510. [PMID: 15618005].

4. Yadav D, Hawes RH, Brand RE, Anderson MA, Money ME, Banks PA, et al. Alcohol consumption, cigarette smoking, and the risk of recurrent acute and chronic pancreatitis. Arch Intern Med. 2009; 169: 1035-1045. [PMID: 19506173].

5. Law R, Parsi M, Lopez R, Zuccaro G, Stevens T. Cigarette smoking is independently associated with chronic pancreatitis. Pancreatology. 2010; 10: 54-59. [PMID: 20332662].

6. Lin Y, Tamakoshi A, Hayakawa T, Ogawa M, Ohno Y. Cigarette smoking as a risk factor for chronic pancreatitis: a case-control study in Japan. Research Committee on Intractable Pancreatic Diseases. Pancreas. 2000; 21: 109-114. [PMID: 10975702].

7. Prokopczyk, B, Hoffmann D, Bologna M, Cunningham AJ, Trushin N, Akerkar S, Boyiri T. et al. Identification of tobacco-derived compounds in human pancreatic juice. Chem Res Toxicol. 2002; 15: 677-85. [PMID: 12018989].

8. National Toxicology Program. Tobacco-related exposures: tobacco smoking. Report on carcinogens: carcinogen profiles. 2011; 12: 408-410.

9. Chowdhury P, Rayford PL. Smoking and pancreatic disorders. Eur J Gastroenterol Hepatol. 2000; 12: 869-877.[PMID: 10958214].

10. Changeux JP. Nicotine addiction and nicotinic receptors: lessons from genetically modified mice. Nat Rev Neurosci. 2010; 11: 389-401.[PMID: 20485364].

11. Hu N, Guo R, Han X, Zhu B, Ren J. Cardiac-specific overexpression of metallothionein rescues nicotine-induced cardiac contractile dysfunction and interstitial fibrosis. Toxicol Lett. 2011; 202: 8-14.[PMID: 21238558].

12. Rajiyah G, Agarwal R, Avendano G, Lyons M, Soni B, Regan TJ. Influence of nicotine on myocardial stiffness and fibrosis during chronic ethanol use. Alcohol Clin Exp Res. 1996; 20: 985-989. [PMID: 8892516].

13. Goette A, Lendeckel U, Kuchenbecker A, Bukowska A, Peters B, Klein HU, Huth C, Röcken C. Cigarette smoking induces atrial fibrosis in humans via nicotine. Heart. 2007; 93: 1056-1063. [PMC: 1955003].

14. Huang LT, Chou HC, Lin CM, Yeh TF, Chen CM, et al. Maternal Nicotine Exposure Exacerbates Neonatal Hyperoxia-Induced Lung Fibrosis in Rats. Neonatology. 2014; 106: 94-101. [PMID: 24851831].

15. Dasgupta C, Xiao D, Xu Z, Yang S, Zhang L. Developmental nicotine exposure results in programming of alveolar simplification and interstitial pulmonary fibrosis in adult male rats. Reprod Toxicol. 2012; 34: 370-377. [PMID: 22691361].

16. Jensen K, Afroze S, Ueno Y, Rahal K, Frenzel A, Sterling M, Guerrier M, et al. (2013) Chronic nicotine exposure stimulates biliary growth and fibrosis in normal rats. Dig Liver Dis. 45: 754-761. [PMID: 23587498].

17. Al-Wadei MH, Al-Wadei HA, Schuller HM. Pancreatic Cancer Cells and Normal Pancreatic Duct Epithelial Cells Express an Autocrine Catecholamine Loop that Is Activated by Nicotinic Acetylcholine Receptors alpha3, alpha5, and alpha7. Mol Cancer Res. 2012; 10: 239-49. [PMID: 22188668].

18. Browne CJ, Sharma N, Waters KA, Machaalani R. The effects of nicotine on the alpha-7 and beta-2 nicotinic acetycholine receptor subunits in the developing piglet brainstem. Int J Dev Neurosci. 2010; 28: 1-7. [PMID: 19896527].

19. Paulo JA, Brucker WJ, Hawrot E. Proteomic analysis of an alpha7 nicotinic acetylcholine receptor interactome. J Proteome Res. 2009; 8: 1849-1858. [PMID: 19714875].

20. Momi N, Ponnusamy MP, Kaur S, Rachagani S, Kunigal SS, Chellappan S, Ouellette MM, Batra SK. Nicotine/cigarette smoke promotes metastasis of pancreatic cancer through Î±7nAChR-mediated MUC4 upregulation. Oncogene. 2013; 32: 1384-1395. [PMID: 22614008].

21. Chu KM, Cho CH, Shin VY. Nicotine and gastrointestinal disorders: its role in ulceration and cancer development. Curr Pharm Des. 2013; 19: 5-10. [PMID: 22950507].

22. van Geenen EJ, Smits MM, Schreuder TC, van der Peet DL, Bloemena E, Mulder CJ. Smoking is related to pancreatic fibrosis in humans. Am J Gastroenterol. 2011; 106: 1161-1166. [PMID: 21577244].

23. Löhr M1, Trautmann B, Göttler M, Peters S, Zauner I, Maier A, Klöppel G, Liebe S, Kreuser ED. Expression and function of receptors for extracellular matrix proteins in human ductal adenocarcinomas of the pancreas. Pancreas. 1996; 12: 248-259. [PMID: 8830331].

24. Khoi PN, Park JS, Kim NH, Jung YD. Nicotine stimulates urokinase-type plasminogen activator receptor expression and cell invasiveness through mitogen-activated protein kinase and reactive oxygen species signaling in ECV304 endothelial cells. Toxicol Appl Pharmacol. 2012; 259: 248-256. [PMID: 22261521].

25. Wang Z, Wu W, Fang X, Wang Y, Xiao C, Zhao R, Wang L, Qiao Z. Protein expression changed by nicotine in rat vascular smooth muscle cells. J Physiol Biochem. 2007; 63: 161-169. [PMID: 17933390].

26. Lee KM, Nguyen C, Ulrich AB, Pour PM, Ouellette MM. Immortalization with telomerase of the Nestin-positive cells of the human pancreas. Biochem Biophys Res Commun. 2003; 301: 1038-1044. [PMID: 12589817].

27. Lieber M, Mazzetta J, Nelson-Rees W, Kaplan M, Todaro G. Establishment of a continuous tumor-cell line (panc-1) from a human carcinoma of the exocrine pancreas. Int J Cancer. 1975; 15: 741-747. [PMID: 1140870].

28. Paulo JA, Urrutia R, Banks PA, Conwell DL, Steen H. Proteomic analysis of a rat pancreatic stellate cell line using liquid chromatography tandem mass spectrometry (LC-MS/MS). J Proteomics. 2011; 75: 708-717. [PMID: 21968429].

29. Paulo JA, Urrutia R, Banks PA, Conwell DL, Steen H. Proteomic analysis of an immortalized mouse pancreatic stellate cell line identifies differentially-expressed proteins in activated vs nonproliferating cell states. J Proteome Res. 2011; 10: 4835-4844. [PMID: 21838295].

30. Ting L, Rad R, Gygi SP, Haas W. MS3 eliminates ratio distortion in isobaric multiplexed quantitative proteomics. Nat Methods. 2011; 8: 937-940. [PMID: 21963607].

31. Elias JE, Gygi SP. Target-decoy search strategy for mass spectrometry-based proteomics. Methods Mol Biol. 2010; 604: 55-71. [PMID: 20013364].

32. Huttlin EL, Jedrychowski MP, Elias JE, Goswami T, Rad R, Beausoleil SA, Villén J, Haas W, et al. A tissue-specific atlas of mouse protein phosphorylation and expression. Cell. 2010; 143: 1174-1189. [PMID: 21183079].

33. Benjamini Y, Hochberg Y. Controlling the false discovery rate - a practical and powerful approach to multiple testing. Journal of the Royal Statistical Society Series B-Methodological. 1995; 57: 289-300.

34. Saeed AI, Sharov V, White J, Li J, Liang W, Bhagabati N, Braisted J, Klapa M, et al. TM4: a free, open-source system for microarray data management and analysis. Biotechniques. 2003; 34: 374-378. [PMID: 12613259].

35. Huang da W, Sherman BT, Lempicki RA. Systematic and integrative analysis of large gene lists using DAVID bioinformatics resources. Nat Protoc. 2009; 4: 44-57. [PMID: 19131956].

36. Mudbhary R, Hoshida Y, Chernyavskaya Y, Jacob V, Villanueva A, Fiel MI, Chen X, Kojima K. et al. UHRF1 overexpression drives DNA hypomethylation and hepatocellular carcinoma. Cancer Cell. 2014; 25: 196-209. [PMID: 24486181].

37. Jensen K, Afroze S, Munshi MK, Guerrier M, Glaser SS. Mechanisms for nicotine in the development and progression of gastrointestinal cancers. Transl Gastrointest Cancer. 2012; 1: 81-87. [PMID: 22701817].

38. Dasgupta P, Rizwani W, Pillai S, Kinkade R, Kovacs M, Rastogi S, Banerjee S, Carless M, et al. Nicotine induces cell proliferation, invasion and epithelial-mesenchymal transition in a variety of human cancer cell lines. Int J Cancer. 2009; 124: 36-45. [PMID: 18844224].

39. Xu Y, Zhang Y, Cardell LO. Nicotine Exaggerates LPS-Induced Airway Hyperreactivity via JNK-Mediated Up-regulation of Toll-Like Receptor 4. Am J Respir Cell Mol Biol. 2014; 51: 370-379. [PMID: 24669857].

40. Jonnala RR, Terry AV Jr, Buccafusco JJ. Nicotine increases the expression of high affinity nerve growth factor receptors in both in vitro and in vivo. Life Sci. 2002; 70: 1543-1554. [PMID: 11895105].

41. Arany I1, Clark J, Reed DK, Juncos LA. Chronic nicotine exposure augments renal oxidative stress and injury through transcriptional activation of p66shc. Nephrol Dial Transplant. 2013; 28: 1417-1425. [PMID: 23328708].

42. Banerjee S, Chattopadhyay K, Chhabra JK, Chattopadhyay B. Protein dependent fate of hepatic cells under nicotine induced stress and curcumin ameliorated condition. Eur J Pharmacol. 2012; 684: 132-145. [PMID: 22381069].

43. Shimizu K. Mechanisms of pancreatic fibrosis and applications to the treatment of chronic pancreatitis. J Gastroenterol. 2008; 43: 823-832. [PMID: 19012035].

44. Apte MV, Wilson JS. Mechanisms of pancreatic fibrosis. Dig Dis. 2004: 22: 273-279. [PMID: 15753610].

45. Masamune A, Kikuta K, Watanabe T, Satoh K, Hirota M, Hamada S, Shimosegawa T. Fibrinogen induces cytokine and collagen production in pancreatic stellate cells. Gut. 2009; 58: 550-559. [PMID: 19052021].

46. Apte MV, Haber PS, Darby SJ, Rodgers SC, McCaughan GW, Korsten MA, Pirola RC, Wilson JS. Pancreatic stellate cells are activated by proinflammatory cytokines: implications for pancreatic fibrogenesis. Gut. 1999; 44: 534-541. [PMID: 10075961].

47. Kamer AR, El-Ghorab N, Marzec N, Margarone JE 3rd, Dziak R. Nicotine induced proliferation and cytokine release in osteoblastic cells. Int J Mol Med. 2006; 17: 121-127. [PMID: 16328020].

48. Hakki A, Hallquist N, Friedman H, Pross S. Differential impact of nicotine on cellular proliferation and cytokine production by LPS-

stimulated murine splenocytes. Int J Immunopharmacol. 2000; 22: 403-410. [PMID: 10727751].

49. Walsh DM, Klyubin I, Fadeeva JV, Cullen WK, Anwyl R, Wolfe MS, Rowan MJ, Selkoe DJ. Naturally secreted oligomers of amyloid beta protein potently inhibit hippocampal long-term potentiation in vivo. Nature. 2002; 416: 535-539. [PMID: 11932745].

50. Hardy J, Selkoe DJ. The amyloid hypothesis of Alzheimer's disease: progress and problems on the road to therapeutics. Science. 2002; 297: 353-356. [PMID: 12130773].

51. Dineley KT, Westerman M, Bui D, Bell K, Ashe KH, Sweatt JD. Beta-amyloid activates the mitogen-activated protein kinase cascade via hippocampal alpha7 nicotinic acetylcholine receptors: In vitro and in vivo mechanisms related to Alzheimer's disease. J Neurosci. 2001; 21: 4125-4133. [PMID: 11404397].

52. Wang HY, Lee DH, D'Andrea MR, Peterson PA, Shank RP, Reitz AB. beta-Amyloid(1-42) binds to alpha7 nicotinic acetylcholine receptor with high affinity. Implications for Alzheimer's disease pathology. J Biol Chem. 2000; 275: 5626-5632. [PMID: 10681545].

53. Hoffmann J, Twiesselmann C, Kummer MP, Romagnoli P, Herzog V. A possible role for the Alzheimer amyloid precursor protein in the regulation of epidermal basal cell proliferation. Eur J Cell Biol. 2000; 79: 905-914. [PMID: 11152291].

54. Sandbrink R, Masters CL, Beyreuther K. Beta A4-amyloid protein precursor mRNA isoforms without exon 15 are ubiquitously expressed in rat tissues including brain, but not in neurons. J Biol Chem. 1994; 269: 1510-1517. [PMID: 8288617].

55. Ge YW, Lahiri DK. Regulation of promoter activity of the APP gene by cytokines and growth factors: implications in Alzheimer's disease. Ann N Y Acad Sci. 2002; 973: 463-467. [PMID: 12485912].

56. Paulo JA, Urrutia R, Kadiyala V, Banks P, Conwell DL, Steen H. Cross-species analysis of nicotine-induced proteomic alterations in pancreatic cells. Proteomics. 2013; 13: 1499-1512. [PMID: 23456891].

57. Hansel DE, Rahman A, Wehner S, Herzog V, Yeo CJ, Maitra A. Increased expression and processing of the Alzheimer amyloid precursor protein in pancreatic cancer may influence cellular proliferation. Cancer Res. 2003; 63: 7032-7037. [PMID: 14612490].

58. Barry PH, Lynch JW. Ligand-gated channels. IEEE Trans Nanobioscience. 2005; 4: 70-80. [PMID: 15816173].

59. Heeschen C, Weis M, Aicher A, Dimmeler S, Cooke JP. A novel angiogenic pathway mediated by non-neuronal nicotinic acetylcholine receptors. J Clin Invest. 2002; 110: 527-536. [PMID: 12189247].

60. Macklin KD, Maus AD, Pereira EF, Albuquerque EX, Conti-Fine BM. Human vascular endothelial cells express functional nicotinic acetylcholine receptors. J Pharmacol Exp Ther. 1998; 287: 435-439. [PMID: 9765366].

61. Sharma G, Vijayaraghavan S. Nicotinic receptor signaling in nonexcitable cells. J Neurobiol. 2002; 53: 524-534. [PMID: 12436417].

62. Arredondo J, Hall LL, Ndoye A, Nguyen VT, Chernyavsky AI, Bercovich D, Orr-Urtreger A, Beaudet AL. Central role of fibroblast alpha3 nicotinic acetylcholine receptor in mediating cutaneous effects of nicotine. Lab Invest. 2003; 83: 207-225. [PMID: 12594236].

63. Mai H, May WS, Gao F, Jin Z, Deng X. A functional role for nicotine in Bcl2 phosphorylation and suppression of apoptosis. J Biol Chem. 2003; 278: 1886-1891. [PMID: 12421819].

64. Chowdhury P, Udupa KB. Effect of nicotine on exocytotic pancreatic secretory response: role of calcium signaling. Tob Induc Dis. 2013; 11: 1. [PMID: 23327436].

65. Sevenich L, Schurigt U, Sachse K, Gajda M, Werner F, Müller S, Vasiljeva O, Schwinde A, et al. Synergistic antitumor effects of combined cathepsin B and cathepsin Z deficiencies on breast cancer progression and metastasis in mice. Proc Natl Acad Sci U S A. 2010; 107: 2497-2502. [PMID: 20133781].

66. Masamune A, Watanabe T, Kikuta K, Shimosegawa T. Roles of pancreatic stellate cells in pancreatic inflammation and fibrosis. Clin Gastroenterol Hepatol. 2009; 7: S48-54. [PMID: 19896099].

67. Kolodecik T, Shugrue C, Ashat M, Thrower EC. Risk factors for pancreatic cancer: underlying mechanisms and potential targets. Front Physiol. 2014; 4: 415. [PMID: 24474939].

68. Baker CH, Trevino JG, Summy JM, Zhang F, Caron A, Nesbit M, Gallick GE, Fidler IJ. Inhibition of PDGFR phosphorylation and Src and Akt activity by GN963 leads to therapy of human pancreatic cancer growing orthotopically in nude mice. Int J Oncol. 2006; 29: 125-138. [PMID: 16773192].

69. Shin VY, Wu WK, Chu KM, Koo MW, Wong HP, Lam EK, Tai EK, Cho CH. Functional role of beta-adrenergic receptors in the mitogenic action of nicotine on gastric cancer cells. Toxicol Sci. 2007; 96: 21-29. [PMID: 17003101].

70. Wei PL, Kuo LJ, Huang MT, Ting WC, Ho YS, Wang W, An J, Chang YJ. Nicotine enhances colon cancer cell migration by induction of fibronectin. Ann Surg Oncol. 2011; 18: 1782-1790. [PMID: 21210228].

71. Russell MA, Jarvis M, Iyer R, Feyerabend C. Relation of nicotine yield of cigarettes to blood nicotine concentrations in smokers. Br Med J. 1980; 280: 972-976. [PMID: 7417765].

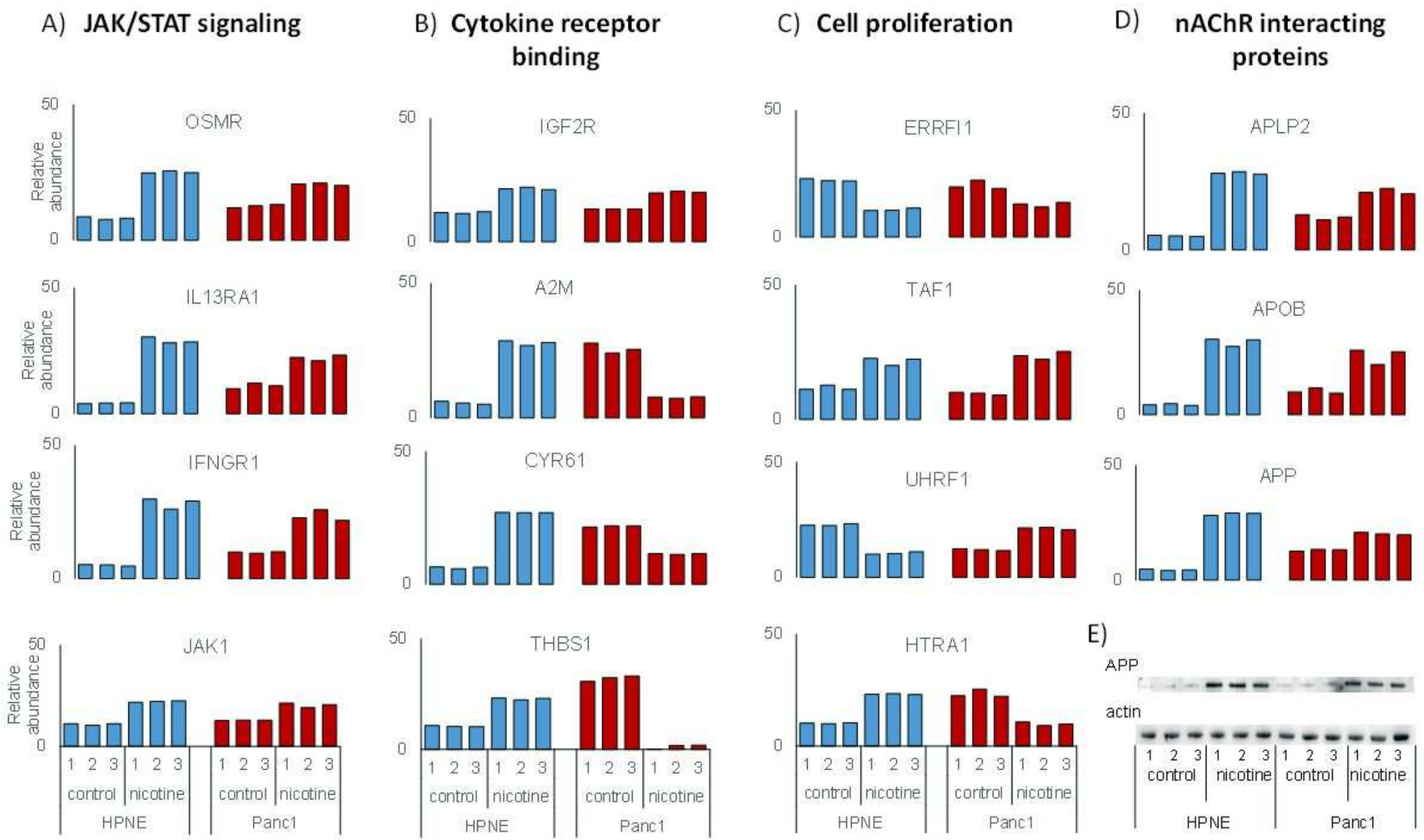
72. Dasgupta P, Rizwani W, Pillai S, Kinkade R, Kovacs M, Rastogi S, Banerjee S, Carless M, et al. Nicotine induces cell proliferation, invasion and epithelial-mesenchymal transition in a variety of human cancer cell lines. International journal of cancer. Journal international du cancer. 2009; 124: 36-45.

73. Soeda J, Morgan M, McKee C, Mouralidarane A, Lin C, Roskams T, Oben JA. Nicotine induces fibrogenic changes in human liver via nicotinic acetylcholine receptors expressed on hepatic stellate cells. Biochemical and biophysical research communications. 2012; 417: 17-22.

74. Ebhardt HA. Selected reaction monitoring mass spectrometry: a methodology overview. Methods Mol Biol. 2014; 1072: 209-222. [PMID: 24136525].

75. Wasinger VC, Zeng M, Yau Y. Current status and advances in quantitative proteomic mass spectrometry. Int J Proteomics. 2013: 180605. [PMID: 23533757].

SUPPLEMENTS



Supplemental Figure 1. Examples of statistically significant, differentially abundant proteins following nicotine treatment. The proteins above demonstrate significant changes in abundance in both pancreatic cell lines. These proteins were classified as either **A)** JAK/STAT signaling proteins, **B)** nAChR interacting proteins, **C)** cytokine binding proteins, or **D)** cell proliferation-related proteins. **E)** Western blotting analysis probing for amyloid precursor protein (APP,) which is up-regulated in both cell lines upon nicotine treatment, and corresponding actin control blot.

Supplemental Table 1. Proteins quantified in HPNE and PanC1 TMT6-plex analysis. Columns include: Protein identification number, gene symbol, protein description/name, number of peptides identified per protein (peptides), the normalized summed signal to noise for each of the 6 channels (126_sn_norm to 131_sn_norm).

Download in .XLSX format: http://www.serena.unina.it/index.php/jop/article/view/2559/2890

IPI	Gene	Name	HPNE							
			# of peptides identified	normalized sum signal-to-noise of TMT reporter ions					mock control	
				126_ctr	127_ctr	128_ctr	129_nico	130_nico	131_nico	mean	std. dev.
IPI:IPI00000001.2	STAU1	Isoform Long of Double-stranded RNA-binding protein Staufen homolog 1	12	475.401	573.292	479.333	521.955	428.519	515.192	509.342	55.417
IPI:IPI00000005.1	NRAS	GTPase NRas	10	765.447	709.416	764.243	754.320	776.255	764.575	746.369	32.008
IPI:IPI00000013.1	CTSL2	Cathepsin L2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000015.2	SFRS4	Splicing factor, arginine/serine-rich 4	8	544.606	503.892	524.638	457.379	492.935	492.247	524.379	20.358
IPI:IPI00000024.2	PCDH1	Isoform 1 of Protocadherin-1	1	13.053	9.665	12.603	14.503	14.783	15.340	11.774	1.840
IPI:IPI00000030.1	PPP2R5D	Isoform Delta-1 of Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform	10	411.277	408.459	414.087	424.623	411.450	439.921	411.274	2.814
IPI:IPI00000041.1	RHOB	Rho-related GTP-binding protein RhoB	4	401.734	355.291	385.226	350.218	399.307	375.152	380.750	23.543
IPI:IPI00000051.4	PFDN1	Prefoldin subunit 1	2	148.056	125.283	141.921	116.400	148.837	130.568	138.420	11.783
IPI:IPI00000057.1	COG2	Conserved oligomeric Golgi complex subunit 2	1	32.663	31.584	33.839	36.793	43.517	41.627	32.695	1.128
IPI:IPI00000060.1	-	7 kDa protein	2	57.481	120.126	73.293	117.051	77.017	94.019	83.633	32.578
IPI:IPI00000070.1	LDLR	Low-density lipoprotein receptor	5	151.671	147.008	146.584	496.013	452.644	492.470	148.421	2.823
IPI:IPI00000075.3	TGFB1	Transforming growth factor beta-1	2	149.170	149.380	140.809	193.112	179.085	181.336	146.453	4.889
IPI:IPI00000077.1	RNASEH1	Ribonuclease H1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000104.1	RNGTT	Isoform 1 of mRNA-capping enzyme	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000105.4	MVP	Major vault protein	48	3,074.110	3,122.710	3,043.610	2,956.720	2,956.750	3,051.560	3,080.143	39.894
IPI:IPI00000137.1	GNPTG	N-acetylglucosamine-1-phosphotransferase subunit gamma	2	42.580	45.688	45.520	92.244	79.480	88.626	44.596	1.748
IPI:IPI00000138.1	MGAT1	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	1	28.829	18.789	23.657	26.875	27.046	29.944	23.758	5.021
IPI:IPI00000149.1	CASP8	Isoform 1 of Caspase-8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000155.6	N-PAC	Isoform 1 of Nuclear protein NP60	5	282.534	283.256	280.001	426.448	407.351	433.498	281.930	1.709
IPI:IPI00000156.3	LIG3	ligase III, DNA, ATP-dependent isoform beta precursor	1	35.356	42.727	34.526	41.979	36.383	41.240	37.536	4.515
IPI:IPI00000162.5	NGDN	Isoform 1 of Neuroguidin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000190.1	CD81	CD81 antigen	9	348.953	316.178	344.971	443.235	483.506	452.988	336.701	17.884
IPI:IPI00000192.2	SON	Isoform F of SON protein	11	728.834	771.935	726.319	642.274	600.449	643.658	742.363	25.641
IPI:IPI00000230.6	TPM1	tropomyosin 1 alpha chain isoform 2	7	551.277	545.519	542.492	415.247	443.387	433.344	546.429	4.463
IPI:IPI00000264.4	R3HCC1	R3H and coiled-coil domain-containing protein 1	1	24.320	16.415	20.532	21.609	23.798	21.590	20.422	3.954
IPI:IPI00000279.3	ZC3H15	Similar to Zinc finger CCCH domain-containing protein 15	1	64.970	50.713	70.157	56.582	72.199	61.595	61.947	10.068
IPI:IPI00000305.3	MED11	Mediator of RNA polymerase II transcription subunit 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000330.5	C9orf80	Isoform 1 of Uncharacterized protein C9orf80	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000335.1	HINT2	Histidine triad nucleotide-binding protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000398.2	NUSAP1	Isoform 1 of Nucleolar and spindle-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000425.2	ATP6V0A2	V-type proton ATPase 116 kDa subunit a isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000455.7	KIF3A	Kinesin-like protein KIF3A	2	95.480	89.630	89.668	88.969	92.996	91.101	91.593	3.367
IPI:IPI00000477.3	ARPC2	PNAS-139	21	1,337.640	1,327.080	1,353.160	1,477.780	1,544.480	1,466.750	1,339.293	13.118
IPI:IPI00000494.6	RPL5	60S ribosomal protein L5	23	1,652.230	1,582.340	1,663.640	1,331.660	1,399.370	1,368.510	1,632.737	44.016
IPI:IPI00000581.6	OTUB1	cDNA FLJ56307, highly similar to Ubiquitin thioesterase protein OTUB1	2	61.033	60.802	62.365	68.301	68.404	65.163	61.400	0.844
IPI:IPI00000606.5	TTC4	Tetratricopeptide repeat protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000634.1	CCDC6	Coiled-coil domain-containing protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000643.1	BAG2	BAG family molecular chaperone regulator 2	7	349.151	326.640	346.293	352.447	423.190	376.388	340.695	12.255
IPI:IPI00000656.2	KIAA0892	Isoform 1 of Uncharacterized protein KIAA0892	1	11.391	15.840	12.108	15.365	14.486	15.257	13.113	2.388
IPI:IPI00000684.4	UAP1	Isoform AGX2 of UDP-N-acetylhexosamine pyrophosphorylase	17	725.260	726.874	757.989	780.061	777.818	759.304	736.708	18.448
IPI:IPI00000685.1	CDK7	Cell division protein kinase 7	3	121.453	110.402	120.914	122.153	130.270	126.069	117.590	6.231
IPI:IPI00000686.2	RBM19	Probable RNA-binding protein 19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000690.1	AIFM1	Isoform 1 of Apoptosis-inducing factor 1, mitochondrial	15	822.490	724.410	805.052	762.210	855.912	810.776	783.984	52.324
IPI:IPI00000692.2	CLIC3	Chloride intracellular channel protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000725.4	ZNF451	Isoform 1 of Zinc finger protein 451	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI	HPNE				PanC1												
	+ nicotine		fold change	corected	# of peptides	normalized sum signal-to-noise of TMT reporter ions						mock control		+ nicotine		fold change	corected
	mean	std. dev.	log2(nico/ctr)	p-value	identified	126_ctr	127_ctr	128_ctr	129_nico	130_nico	131_nico	mean	std. dev.	mean	std. dev.	log2(nico/ctr)	p-value
IPI:IPI00000001.2	488.555	52.103	-0.060	0.66087889	9	447.131	458.336	445.934	537.171	526.882	527.569	450.467	6.841	530.541	5.752	0.236	0.00012235
IPI:IPI00000005.1	765.050	10.975	0.036	0.42321856	14	634.719	614.278	661.649	613.090	617.028	584.577	636.882	23.759	604.898	17.709	-0.074	0.14099045
IPI:IPI00000013.1	0.000	0.000	n/a	n/a	3	186.472	204.238	178.969	276.932	257.822	269.973	189.893	12.977	268.242	9.672	0.498	0.00156183
IPI:IPI00000015.2	480.854	20.333	-0.125	0.05880444	4	205.554	174.232	196.485	168.559	203.617	180.973	192.090	16.117	184.383	17.776	-0.059	0.60880739
IPI:IPI00000024.2	14.875	0.426	0.337	0.09332816	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000030.1	425.331	14.249	0.048	0.22667535	13	484.326	496.596	498.088	654.166	629.542	628.811	493.003	7.552	637.506	14.432	0.371	0.00058669
IPI:IPI00000041.1	374.892	24.546	-0.022	0.78152549	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000051.4	131.935	16.262	-0.069	0.60920866	4	169.878	145.723	176.207	150.452	178.794	154.120	163.936	16.087	161.122	15.414	-0.025	0.83927184
IPI:IPI00000057.1	40.646	3.468	0.314	0.04686663	1	16.104	19.295	16.741	28.263	14.179	25.682	17.380	1.689	22.708	7.498	0.386	0.34309149
IPI:IPI00000060.1	96.029	20.093	0.199	0.61140279	1	70.969	74.466	71.979	83.857	79.289	83.458	72.471	1.800	82.201	2.530	0.182	0.00745845
IPI:IPI00000070.1	480.376	24.082	1.694	0.00155893	9	295.366	313.562	300.726	308.074	305.798	318.600	303.218	9.350	310.824	6.830	0.036	0.32524274
IPI:IPI00000075.3	184.511	7.533	0.333	0.00326977	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000077.1	0.000	0.000	n/a	n/a	2	57.502	61.393	62.761	66.146	65.782	72.648	60.552	2.729	68.192	3.863	0.171	0.05529530
IPI:IPI00000104.1	0.000	0.000	n/a	n/a	8	460.687	442.243	444.095	576.838	570.548	593.375	449.008	10.156	580.254	11.791	0.370	0.00014716
IPI:IPI00000105.4	2,988.343	54.747	-0.044	0.08490863	55	2,382.960	2,319.940	2,412.520	1,932.730	2,040.040	1,943.470	2,371.807	47.287	1,972.080	59.100	-0.266	0.00098678
IPI:IPI00000137.1	86.783	6.578	0.961	0.00532584	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000138.1	27.955	1.725	0.235	0.28239738	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000149.1	0.000	0.000	n/a	n/a	2	116.520	120.249	121.479	143.326	137.516	145.854	119.416	2.582	142.232	4.275	0.252	0.00300433
IPI:IPI00000155.6	422.432	13.528	0.583	0.00272367	7	379.664	349.903	371.951	436.602	455.896	429.636	367.173	15.445	440.711	13.604	0.263	0.00365708
IPI:IPI00000156.3	39.867	3.040	0.087	0.50628796	12	458.019	478.193	472.455	536.594	515.206	542.414	469.556	10.395	531.405	14.327	0.179	0.00504288
IPI:IPI00000162.5	0.000	0.000	n/a	n/a	2	50.801	43.865	47.284	54.986	49.495	45.935	47.316	3.468	50.139	4.560	0.084	0.44546418
IPI:IPI00000190.1	459.910	21.009	0.450	0.00167258	7	231.546	324.940	238.097	209.100	169.767	208.915	264.861	52.133	195.927	22.656	-0.435	0.13550675
IPI:IPI00000192.2	628.794	24.557	-0.240	0.00522544	34	1,252.880	1,270.410	1,280.810	1,381.620	1,377.110	1,351.250	1,268.033	14.116	1,369.993	16.388	0.112	0.00134590
IPI:IPI00000230.6	430.659	14.261	-0.343	0.00264813	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000264.4	22.332	1.269	0.129	0.49687200	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000279.3	63.459	7.974	0.035	0.84896928	10	464.928	439.713	448.386	530.966	552.324	539.499	451.009	12.811	540.930	10.751	0.262	0.00085327
IPI:IPI00000305.3	0.000	0.000	n/a	n/a	1	63.480	65.062	61.312	46.250	48.542	46.915	63.285	1.883	47.236	1.179	-0.422	0.00061894
IPI:IPI00000330.5	0.000	0.000	n/a	n/a	2	154.104	149.018	164.734	65.301	79.633	70.236	155.952	8.019	71.723	7.281	-1.121	0.00018626
IPI:IPI00000335.1	0.000	0.000	n/a	n/a	8	231.265	224.704	230.439	281.508	276.138	273.295	228.803	3.573	276.980	4.171	0.276	0.00012990
IPI:IPI00000398.2	0.000	0.000	n/a	n/a	1	24.668	23.712	27.119	14.766	15.849	14.271	25.166	1.757	14.962	0.807	-0.750	0.00359368
IPI:IPI00000425.2	0.000	0.000	n/a	n/a	1	6.070	6.244	5.311	8.361	6.517	6.349	5.875	0.496	7.076	1.116	0.268	0.19528930
IPI:IPI00000455.7	91.022	2.015	-0.009	0.81662380	8	299.962	265.992	294.186	353.376	388.844	360.507	286.713	18.176	367.576	18.761	0.358	0.00585996
IPI:IPI00000477.3	1,496.337	42.057	0.160	0.01620511	15	1,080.740	1,110.460	1,094.770	437.289	438.272	444.318	1,095.323	14.868	439.960	3.806	-1.316	0.00007189
IPI:IPI00000494.6	1,366.513	33.899	-0.257	0.00150902	51	2,655.160	2,702.130	2,601.790	3,345.380	3,191.350	3,277.630	2,653.027	50.204	3,271.453	77.201	0.302	0.00071303
IPI:IPI00000581.6	67.289	1.843	0.132	0.01775496	5	236.480	241.810	239.088	197.267	201.299	207.370	239.126	2.665	201.979	5.086	-0.244	0.00147536
IPI:IPI00000606.5	0.000	0.000	n/a	n/a	9	188.236	188.735	180.097	196.754	189.534	194.332	185.689	4.850	193.540	3.675	0.060	0.09411697
IPI:IPI00000634.1	0.000	0.000	n/a	n/a	8	249.131	272.662	256.248	316.774	282.130	313.600	259.347	12.068	304.168	19.151	0.230	0.03475202
IPI:IPI00000643.1	384.008	35.982	0.173	0.16287860	13	543.485	520.111	548.445	622.956	671.815	634.358	537.347	15.131	643.043	25.561	0.259	0.00678842
IPI:IPI00000656.2	15.036	0.479	0.197	0.29676779	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000684.4	772.394	11.392	0.068	0.05750495	6	212.141	227.064	222.583	173.579	183.008	181.727	220.596	7.657	179.438	5.114	-0.298	0.00257595
IPI:IPI00000685.1	126.164	4.059	0.102	0.12819180	4	122.236	116.936	120.884	123.879	120.341	115.931	120.019	2.754	120.050	3.982	0.000	0.99160603
IPI:IPI00000686.2	0.000	0.000	n/a	n/a	7	409.605	381.882	408.350	425.960	463.362	430.027	399.946	15.656	439.783	20.521	0.137	0.05998456
IPI:IPI00000690.1	809.633	46.861	0.046	0.56199557	35	1,400.690	1,412.110	1,407.500	1,882.780	1,869.040	1,857.590	1,406.767	5.745	1,869.803	12.612	0.411	0.00002174
IPI:IPI00000692.2	0.000	0.000	n/a	n/a	1	13.054	13.980	11.872	14.064	15.937	16.565	12.969	1.056	15.522	1.301	0.259	0.06021319
IPI:IPI00000725.4	0.000	0.000	n/a	n/a	1	34.447	43.002	39.044	52.307	39.221	45.035	38.831	4.282	45.521	6.557	0.229	0.22636838

IPI:IPI00000728.3	USP15	Isoform 1 of Ubiquitin carboxyl-terminal hydrolase 15	12	610.509	593.423	595.963	555.975	611.075	577.045	599.965	9.219
IPI:IPI00000733.4	UTP18	U3 small nucleolar RNA-associated protein 18 homolog	2	82.682	96.887	93.723	104.680	79.255	102.890	91.097	7.458
IPI:IPI00000736.1	TSPAN15	Tetraspanin-15	1	56.056	67.179	62.581	51.471	33.426	41.277	61.939	5.589
IPI:IPI00000760.1	DDAH2	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	3	254.803	233.007	241.439	229.296	245.854	232.710	243.083	10.991
IPI:IPI00000769.2	KIF22	Kinesin-like protein KIF22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000783.1	PSMB8	Isoform 1 of Proteasome subunit beta type-8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000792.1	CRYZ	Quinone oxidoreductase	8	624.394	616.960	603.651	694.437	645.257	692.813	615.002	10.509
IPI:IPI00000807.1	MYO5A	Isoform 1 of Myosin-Va	10	432.845	433.410	443.083	453.340	480.597	473.561	436.446	5.755
IPI:IPI00000816.1	YWHAE	14-3-3 protein epsilon	23	827.964	818.705	858.184	934.175	946.101	939.012	834.951	20.646
IPI:IPI00000821.2	MRPL16	39S ribosomal protein L16, mitochondrial	3	255.489	265.002	254.205	265.603	269.115	260.165	258.232	5.898
IPI:IPI00000846.1	CHD4	Isoform 1 of Chromodomain-helicase-DNA-binding protein 4	18	861.022	841.280	822.883	800.894	793.286	811.066	841.728	19.073
IPI:IPI00000849.1	SPRR2C;SPR	Small proline-rich protein 2G	1	25.459	25.962	27.776	58.313	48.581	56.350	26.399	1.218
IPI:IPI00000856.7	FERMT2	Isoform 1 of Fermitin family homolog 2	42	2,494.180	2,615.190	2,569.830	1,770.380	1,841.130	1,755.980	2,559.733	61.134
IPI:IPI00000861.1	LASP1	Isoform 1 of LIM and SH3 domain protein 1	31	3,536.520	3,337.510	3,539.380	2,731.860	2,794.420	2,754.300	3,471.137	115.733
IPI:IPI00000865.2	STARD3	StAR-related lipid transfer protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00000873.3	VARS	Valyl-tRNA synthetase	7	546.022	491.147	529.345	482.417	529.595	511.993	522.171	28.132
IPI:IPI00000874.1	PRDX1	Peroxiredoxin-1	39	3,275.750	3,183.650	3,187.890	3,420.250	3,644.410	3,463.900	3,215.763	51.993
IPI:IPI00000875.7	EEF1G	cDNA FLJ56389, highly similar to Elongation factor 1-gamma	28	1,562.010	1,563.080	1,649.940	1,356.910	1,367.970	1,357.060	1,591.677	50.460
IPI:IPI00000877.1	HYOU1	Hypoxia up-regulated protein 1	44	2,742.630	2,646.020	2,701.400	2,759.410	2,769.090	2,809.810	2,696.683	48.477
IPI:IPI00000912.1	JTB	HCG1996054, isoform CRA_a	1	12.377	6.575	10.206	13.071	18.377	12.409	9.719	2.931
IPI:IPI00000948.3	TBL2	Transducin beta-like protein 2	2	180.903	222.534	171.556	276.192	214.014	254.231	191.664	27.139
IPI:IPI00001076.1	FRG1B	Protein FRG1B	2	127.429	125.814	120.006	102.195	95.767	99.251	124.416	3.904
IPI:IPI00001091.4	AFG3L2	AFG3-like protein 2	13	955.821	951.168	926.400	989.268	1,009.030	1,003.330	944.463	15.815
IPI:IPI00001134.3	RBM7	31 kDa protein	1	43.278	38.819	39.327	39.981	42.381	36.989	40.475	2.441
IPI:IPI00001141.4	TIMM22	Mitochondrial import inner membrane translocase subunit Tim22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001146.1	LSM6	U6 snRNA-associated Sm-like protein LSm6	2	114.687	103.008	116.789	108.853	125.020	108.390	111.495	7.424
IPI:IPI00001159.1	GCN1L1	Translational activator GCN1	31	2,819.340	2,781.130	2,778.610	2,959.420	3,024.400	3,034.030	2,793.027	22.823
IPI:IPI00001287.1	C20orf72	Uncharacterized protein C20orf72	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001364.2	C21orf66	Isoform A of GC-rich sequence DNA-binding factor homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001382.2	TAP2	transporter 2, ATP-binding cassette, sub-family B isoform 2	3	151.915	158.552	164.556	176.003	198.195	204.825	158.341	6.323
IPI:IPI00001427.6	PDCD2	Programmed cell death protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001437.3	RND3	Rho-related GTP-binding protein RhoE	3	173.527	165.179	177.228	251.376	250.285	258.783	171.978	6.172
IPI:IPI00001458.1	KNTC1	Kinetochore-associated protein 1	1	109.836	114.307	103.752	81.341	76.244	83.871	109.298	5.298
IPI:IPI00001466.2	EML4	Echinoderm microtubule-associated protein-like 4	9	564.343	606.321	554.868	684.336	596.186	695.480	575.177	27.384
IPI:IPI00001539.8	ACAA2	3-ketoacyl-CoA thiolase, mitochondrial	3	104.801	97.719	105.292	94.194	109.990	86.081	102.604	4.238
IPI:IPI00001541.1	TIMM9	Mitochondrial import inner membrane translocase subunit Tim9	2	115.463	110.010	116.948	78.499	73.796	80.456	114.140	3.653
IPI:IPI00001543.1	TIMM10	Mitochondrial import inner membrane translocase subunit Tim10	1	197.798	182.779	202.447	123.967	135.387	136.095	194.341	10.280
IPI:IPI00001562.1	PCYT1B	Isoform 2 of Choline-phosphate cytidylyltransferase B	1	9.307	8.974	9.960	24.193	25.511	23.776	9.414	0.501
IPI:IPI00001568.1	ATP6V1D	V-type proton ATPase subunit D	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001580.4	FYCO1	Isoform 1 of FYVE and coiled-coil domain-containing protein 1	5	210.796	228.329	220.021	327.309	301.755	321.188	219.715	8.770
IPI:IPI00001589.1	TIMM13	Mitochondrial import inner membrane translocase subunit Tim13	2	75.530	65.298	69.201	76.993	81.558	75.906	70.009	5.164
IPI:IPI00001593.1	PRCP	Lysosomal Pro-X carboxypeptidase	4	216.619	247.009	204.285	210.053	194.895	202.400	222.638	21.989
IPI:IPI00001636.1	ATXN10	Ataxin-10	3	352.348	313.935	360.625	279.094	324.916	289.774	342.303	24.913
IPI:IPI00001639.2	KPNB1	Importin subunit beta-1	13	751.839	733.133	739.234	711.187	793.203	753.534	741.402	9.540
IPI:IPI00001640.1	N6AMT1	N(6)-adenine-specific DNA methyltransferase 1	1	131.524	136.125	133.683	138.060	128.263	133.354	133.777	2.302
IPI:IPI00001654.5	PCM1	Isoform 3 of Pericentriolar material 1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001661.3	RCC1	regulator of chromosome condensation 1 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001676.9	NPLOC4	Isoform 2 of Nuclear protein localization protein 4 homolog	16	1,136.890	1,080.930	1,167.040	1,171.630	1,264.230	1,199.450	1,128.287	43.695
IPI:IPI00001690.2	CUL7	Cullin-7	1	31.305	30.466	29.589	20.228	21.967	21.936	30.453	0.858
IPI:IPI00001699.1	PYCARD	Isoform 1 of Apoptosis-associated speck-like protein containing a CARD	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001707.4	BRD7	Isoform 1 of Bromodomain-containing protein 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001710.3	C11orf2	Isoform 1 of Protein fat-free homolog	1	33.364	50.137	33.336	42.928	30.509	44.426	38.946	9.692
IPI:IPI00001716.5	PUS1	Isoform 2 of tRNA pseudouridine synthase A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00000728.3	581.365	27.803	-0.045	0.36861645	5	220.963	217.604	216.827	308.575	338.507	317.803	218.465	2.198	321.628	15.328	0.558	0.00641528
IPI:IPI00000733.4	95.608	14.191	0.070	0.65945472	5	155.868	156.864	156.613	141.464	147.180	144.755	156.448	0.518	144.466	2.869	-0.115	0.01614337
IPI:IPI00000736.1	42.058	9.048	-0.558	0.04128164	2	151.178	167.506	137.207	257.920	208.097	261.234	151.964	15.165	242.417	29.768	0.674	0.01872651
IPI:IPI00000760.1	235.953	8.742	-0.043	0.43145971	4	213.189	178.499	208.542	204.611	252.266	213.806	200.077	18.831	223.561	25.281	0.160	0.27174348
IPI:IPI00000769.2	0.000	0.000	n/a	n/a	6	190.218	224.384	200.690	218.438	192.164	220.961	205.097	17.504	210.521	15.948	0.038	0.71259107
IPI:IPI00000783.1	0.000	0.000	n/a	n/a	2	57.589	58.739	65.556	40.470	53.123	42.598	60.628	4.306	45.397	6.775	-0.417	0.03873692
IPI:IPI00000792.1	677.502	27.937	0.140	0.04680605	4	194.448	232.463	193.655	233.147	174.697	217.129	206.855	22.180	208.324	30.203	0.010	0.94948606
IPI:IPI00000807.1	469.166	14.150	0.104	0.04206248	10	445.096	432.464	447.594	532.232	552.201	532.586	441.718	8.111	539.006	11.428	0.287	0.00048800
IPI:IPI00000816.1	939.763	5.998	0.171	0.00845270	43	1,789.340	1,705.450	1,807.600	1,279.760	1,381.870	1,277.210	1,767.463	54.476	1,312.947	59.703	-0.429	0.00064966
IPI:IPI00000821.2	264.961	4.509	0.037	0.19648200	4	386.169	320.296	383.835	445.165	551.183	438.828	363.433	37.376	478.392	63.118	0.397	0.06690253
IPI:IPI00000846.1	801.749	8.921	-0.070	0.05006074	18	800.666	794.972	786.023	988.551	1,018.090	1,004.260	793.887	7.382	1,003.634	14.779	0.338	0.00023519
IPI:IPI00000849.1	54.414	5.147	1.044	0.00827347	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00000856.7	1,789.163	45.577	-0.517	0.00010838	6	285.880	280.242	285.527	117.563	132.027	118.217	283.883	3.158	122.602	8.169	-1.211	0.00019940
IPI:IPI00000861.1	2,760.193	31.694	-0.331	0.00575116	22	1,262.140	1,231.680	1,234.050	1,019.860	1,003.550	1,004.320	1,242.623	16.943	1,009.243	9.202	-0.300	0.00019797
IPI:IPI00000865.2	0.000	0.000	n/a	n/a	1	65.855	49.236	60.953	106.983	116.761	104.069	58.682	8.539	109.271	6.648	0.897	0.00161675
IPI:IPI00000873.3	508.002	23.841	-0.040	0.54330782	12	688.219	640.869	701.802	657.282	702.758	669.106	676.963	31.988	676.382	23.595	-0.001	0.98144321
IPI:IPI00000874.1	3,509.520	118.839	0.126	0.03492001	68	3,760.150	3,599.820	3,718.820	4,965.420	5,085.620	4,940.640	3,692.930	83.241	4,997.227	77.547	0.436	0.00003958
IPI:IPI00000875.7	1,360.647	6.343	-0.226	0.01441930	43	2,208.560	2,060.490	2,163.940	2,190.660	2,397.960	2,207.780	2,144.330	75.958	2,265.467	115.061	0.079	0.21337258
IPI:IPI00000877.1	2,779.437	26.746	0.044	0.07841547	74	2,613.880	2,629.270	2,604.990	3,079.020	3,012.810	3,027.170	2,616.047	12.284	3,039.667	34.829	0.217	0.00083212
IPI:IPI00000912.1	14.619	3.271	0.589	0.12658056	2	34.672	33.475	33.943	54.381	50.613	56.336	34.030	0.603	53.777	2.909	0.660	0.00551104
IPI:IPI00000948.3	248.146	31.533	0.373	0.07986437	5	162.872	195.733	147.857	233.536	193.343	208.555	168.821	24.486	211.811	20.293	0.327	0.08175120
IPI:IPI00001076.1	99.071	3.218	-0.329	0.00115138	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00001091.4	1,000.543	10.172	0.083	0.01017600	14	849.817	805.938	873.884	897.212	996.674	913.504	843.213	34.451	935.797	53.347	0.150	0.07551888
IPI:IPI00001134.3	39.784	2.701	-0.025	0.75919714	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00001141.4	0.000	0.000	n/a	n/a	1	31.508	40.011	33.912	46.103	39.569	42.744	35.144	4.383	42.805	3.267	0.285	0.07766578
IPI:IPI00001146.1	114.088	9.471	0.033	0.72919876	2	103.679	115.896	108.627	121.632	119.786	127.339	109.401	6.145	122.919	3.938	0.168	0.04102222
IPI:IPI00001159.1	3,005.950	40.583	0.106	0.00352241	43	2,116.590	2,129.670	2,159.660	2,052.110	1,957.610	2,038.740	2,135.307	22.081	2,016.153	51.139	-0.083	0.04029841
IPI:IPI00001287.1	0.000	0.000	n/a	n/a	5	136.674	162.954	129.624	184.171	135.652	170.782	143.084	17.565	163.535	25.058	0.193	0.31840015
IPI:IPI00001364.2	0.000	0.000	n/a	n/a	4	254.145	248.217	261.099	301.200	300.804	303.115	254.487	6.448	301.706	1.236	0.246	0.00487500
IPI:IPI00001382.2	193.008	15.095	0.286	0.04225874	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00001427.6	0.000	0.000	n/a	n/a	4	203.191	192.568	202.236	287.422	321.253	287.721	199.332	5.877	298.799	19.447	0.584	0.00804831
IPI:IPI00001437.3	253.481	4.624	0.560	0.00009498	1	36.664	37.537	37.828	26.483	21.664	25.648	37.343	0.606	24.598	2.575	-0.602	0.01021732
IPI:IPI00001458.1	80.485	3.885	-0.441	0.00227173	1	3.750	3.719	3.112	3.784	4.515	7.098	3.527	0.360	5.132	1.741	0.541	0.24870950
IPI:IPI00001466.2	658.667	54.397	0.196	0.09950782	19	747.105	844.961	728.812	1,110.440	924.931	1,046.920	773.626	62.451	1,027.430	94.278	0.409	0.02315393
IPI:IPI00001539.8	96.755	12.159	-0.085	0.50062768	25	605.050	611.679	628.808	690.418	679.298	679.565	615.179	12.260	683.094	6.344	0.151	0.00339892
IPI:IPI00001541.1	77.584	3.423	-0.557	0.00023123	10	539.271	625.002	539.528	536.371	442.026	521.407	567.934	49.423	499.935	50.705	-0.184	0.17164386
IPI:IPI00001543.1	131.816	6.807	-0.560	0.00172387	13	1,030.980	1,028.340	990.305	1,055.210	994.780	1,076.320	1,016.542	22.760	1,042.103	42.321	0.036	0.42538228
IPI:IPI00001562.1	24.493	0.905	1.380	0.00010378	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00001568.1	0.000	0.000	n/a	n/a	2	36.525	34.421	31.456	62.851	64.357	60.226	34.134	2.547	62.478	2.091	0.872	0.00015289
IPI:IPI00001580.4	316.751	13.342	0.528	0.00095799	11	404.853	422.991	430.376	297.227	326.445	312.271	419.407	13.134	311.981	14.611	-0.427	0.00073533
IPI:IPI00001589.1	78.152	2.999	0.159	0.09363285	4	197.711	167.228	179.480	133.067	155.759	138.699	181.473	15.339	142.508	11.816	-0.349	0.02795698
IPI:IPI00001593.1	202.449	7.579	-0.137	0.24850276	5	275.074	307.142	290.100	195.658	199.348	211.240	290.772	16.045	202.082	8.143	-0.525	0.00353076
IPI:IPI00001636.1	297.928	23.975	-0.200	0.09064194	2	78.228	78.376	83.609	70.097	79.862	72.669	80.071	3.065	74.209	5.062	-0.110	0.17737578
IPI:IPI00001639.2	752.641	41.015	0.022	0.68824111	18	616.890	601.925	602.403	633.068	660.887	654.226	607.073	8.505	649.394	14.525	0.097	0.01925613
IPI:IPI00001640.1	133.226	4.900	-0.006	0.87196875	1	31.470	31.469	33.784	29.372	27.759	34.236	32.241	1.336	30.456	3.372	-0.082	0.46508626
IPI:IPI00001654.5	0.000	0.000	n/a	n/a	6	291.059	266.177	302.170	203.510	248.818	223.434	286.469	18.430	225.254	22.709	-0.347	0.02394065
IPI:IPI00001661.3	0.000	0.000	n/a	n/a	21	531.737	532.611	535.659	598.076	606.501	591.395	533.336	2.059	598.657	7.570	0.167	0.00266858
IPI:IPI00001676.9	1,211.770	47.513	0.103	0.08913437	36	1,295.790	1,319.360	1,347.450	1,361.470	1,393.720	1,392.900	1,320.867	25.863	1,382.697	18.387	0.066	0.03274275
IPI:IPI00001690.2	21.377	0.995	-0.511	0.00031609	1	39.987	34.432	41.111	46.026	60.994	52.467	38.510	3.576	53.163	7.508	0.465	0.05882299
IPI:IPI00001699.1	0.000	0.000	n/a	n/a	2	53.639	51.812	50.939	41.135	48.561	48.239	52.130	1.378	45.978	4.197	-0.181	0.11531708
IPI:IPI00001707.4	0.000	0.000	n/a	n/a	2	107.087	92.663	115.033	104.075	123.487	102.330	104.928	11.340	109.964	11.744	0.068	0.62251490
IPI:IPI00001710.3	39.287	7.639	0.013	0.96640353	1	7.505	11.359	10.138	18.620	14.102	16.122	9.667	1.969	16.281	2.263	0.752	0.01948745
IPI:IPI00001716.5	0.000	0.000	n/a	n/a	5	247.148	241.353	244.379	291.365	304.731	300.872	244.293	2.898	298.989	6.879	0.291	0.00178168

IPI:IPI00001727.2	STIM2	stromal interaction molecule 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001730.3	FHOD1	FH1/FH2 domain-containing protein 1	2	44.093	53.268	43.967	56.899	50.786	58.171	47.109	5.334
IPI:IPI00001734.3	C8orf62	Phosphoserine aminotransferase	17	1,588.970	1,690.450	1,522.100	1,955.640	2,103.750	1,974.980	1,600.507	84.766
IPI:IPI00001735.6	NCOR2	Isoform 1 of Nuclear receptor corepressor 2	5	471.919	475.647	462.452	383.521	392.798	392.925	470.006	6.802
IPI:IPI00001738.4	NUP88	Nuclear pore complex protein Nup88	1	2.090	1.968	2.376	2.573	0.000	0.003	2.144	0.209
IPI:IPI00001753.2	MYH4	Myosin-4	1	0.000	191.664	0.000	205.709	252.690	0.853	63.888	110.657
IPI:IPI00001754.1	F11R	Junctional adhesion molecule A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001757.1	RBM8A	Isoform 1 of RNA-binding protein 8A	3	213.471	167.366	193.664	152.137	175.370	156.706	191.500	23.129
IPI:IPI00001762.1	OPHN1	Oligophrenin-1	2	69.177	76.507	79.189	103.169	94.697	100.861	74.958	5.183
IPI:IPI00001780.1	USP16	Isoform 1 of Ubiquitin carboxyl-terminal hydrolase 16	1	17.525	14.733	15.875	24.982	20.812	19.999	16.044	1.404
IPI:IPI00001786.5	USP36	Isoform 2 of Ubiquitin carboxyl-terminal hydrolase 36	1	6.596	4.652	4.626	6.057	11.484	9.089	5.292	1.130
IPI:IPI00001813.5	PHRF1	Isoform 1 of PHD and RING finger domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001867.1	SNX11	Sorting nexin-11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001871.2	PAWR	PRKC apoptosis WT1 regulator protein	6	191.055	204.074	196.864	194.424	194.112	205.940	197.331	6.522
IPI:IPI00001883.1	SNX9	Sorting nexin-9	14	816.055	749.618	805.917	846.824	941.275	857.474	790.530	35.792
IPI:IPI00001885.1	SNX8	Sorting nexin-8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001891.1	AUP1	Isoform Long of Ancient ubiquitous protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00001893.2	PCDH7	Isoform A of Protocadherin-7	2	28.286	27.575	30.675	42.526	46.448	36.076	28.845	1.624
IPI:IPI00001914.1	FKBP7	Isoform 1 of FK506-binding protein 7	10	541.579	496.325	551.745	537.104	553.337	524.948	529.883	29.503
IPI:IPI00001952.5	ENDOD1	Endonuclease domain-containing 1 protein	7	210.118	189.955	215.084	169.982	189.139	173.436	205.052	13.308
IPI:IPI00001960.4	CLIC4	Chloride intracellular channel protein 4	57	3,320.790	3,302.290	3,301.840	3,242.570	3,347.610	3,274.640	3,308.307	10.813
IPI:IPI00001985.2	VPS18	Isoform 1 of Vacuolar protein sorting-associated protein 18 homolog	5	415.927	463.876	399.042	637.567	526.072	645.574	426.282	33.634
IPI:IPI00002070.6	LRRC8A	Leucine-rich repeat-containing protein 8A	4	219.466	207.268	213.426	274.041	292.957	268.228	213.387	6.099
IPI:IPI00002134.4	PSMD5	26S proteasome non-ATPase regulatory subunit 5	3	112.400	120.639	126.023	87.652	104.140	93.753	119.687	6.861
IPI:IPI00002135.1	TACC3	Transforming acidic coiled-coil-containing protein 3	1	18.707	19.602	18.446	6.453	4.983	6.294	18.918	0.607
IPI:IPI00002149.1	SAR1B	GTP-binding protein SAR1b	1	77.639	75.889	72.761	46.876	48.396	46.055	75.430	2.471
IPI:IPI00002186.5	ARFGEF2	Brefeldin A-inhibited guanine nucleotide-exchange protein 2	4	253.082	236.860	240.835	284.492	287.427	287.930	243.592	8.455
IPI:IPI00002188.2	ARFGEF1	Brefeldin A-inhibited guanine nucleotide-exchange protein 1	2	169.109	193.544	177.370	123.627	137.983	131.085	180.008	12.429
IPI:IPI00002203.6	BCCIP	Isoform 1 of BRCA2 and CDKN1A-interacting protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002208.2	STAMBPL1	Isoform 2 of AMSH-like protease	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002212.1	STK24	Isoform B of Serine/threonine-protein kinase 24	10	849.735	803.118	861.591	777.448	903.603	817.034	838.148	30.911
IPI:IPI00002214.1	KPNA2; LOC7	Importin subunit alpha-2	3	151.403	155.274	161.596	101.424	101.936	99.397	156.091	5.145
IPI:IPI00002230.6	AADACL1	arylacetamide deacetylase-like 1 isoform b	8	444.522	442.451	436.946	335.618	349.372	335.008	441.306	3.916
IPI:IPI00002232.2	TAOK1	Isoform 1 of Serine/threonine-protein kinase TAO1	2	56.268	52.838	57.748	56.064	56.628	56.679	55.618	2.519
IPI:IPI00002236.3	MFGE8	Lactadherin	10	329.431	308.107	302.865	1,129.800	1,178.910	1,125.430	313.468	14.071
IPI:IPI00002249.2	KLHL9	Kelch-like protein 9	1	5.924	7.779	6.418	6.453	8.041	8.900	6.707	0.961
IPI:IPI00002255.4	LRBA	Lipopolysaccharide-responsive and beige-like anchor protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002270.3	C6orf211	UPF0364 protein C6orf211	4	278.031	252.742	273.116	291.357	309.654	297.614	267.963	13.409
IPI:IPI00002286.6	ANKRD11	Ankyrin repeat domain-containing protein 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002311.3	SCRN3	Secernin-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002324.6	MAT2B	Isoform 1 of Methionine adenosyltransferase 2 subunit beta	7	481.440	471.710	474.382	485.331	486.395	479.530	475.844	5.027
IPI:IPI00002335.1	HTT	Huntingtin	1	21.515	22.529	23.617	25.120	23.275	24.727	22.554	1.051
IPI:IPI00002349.2	NUFIP2	Nuclear fragile X mental retardation-interacting protein 2	17	962.385	1,029.810	994.740	1,098.490	1,024.000	1,084.230	995.645	33.722
IPI:IPI00002352.4	MYLPF	Myosin regulatory light chain 2, skeletal muscle isoform	1	0.000	28.499	0.000	28.025	46.508	1.938	9.500	16.454
IPI:IPI00002354.4	KCTD16	BTB/POZ domain-containing protein KCTD16	1	142.515	125.290	143.609	98.230	118.754	101.897	137.138	10.275
IPI:IPI00002372.1	ABCD3	Isoform 1 of ATP-binding cassette sub-family D member 3	5	270.132	293.560	260.552	314.639	259.077	309.319	274.748	16.981
IPI:IPI00002375.3	TMOD1	Tropomodulin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002405.4	OAS3	2'-5'-oligoadenylate synthetase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002406.2	BCAM	Lutheran blood group glycoprotein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002408.4	RPAP3	Isoform 1 of RNA polymerase II-associated protein 3	9	607.268	642.186	602.423	600.211	587.510	616.017	617.292	21.694
IPI:IPI00002411.3	IKBKG	NF-kappa-B essential modulator	3	179.793	194.614	177.136	197.307	154.965	185.132	183.848	9.418
IPI:IPI00002412.1	PPT1	Palmitoyl-protein thioesterase 1	3	167.256	154.739	170.294	90.779	107.261	98.801	164.096	8.245
IPI:IPI00002424.1	PLEKHF2	Pleckstrin homology domain-containing family F member 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00001727.2	0.000	0.000	n/a	n/a	3	121.848	123.997	123.298	194.770	192.330	188.247	123.048	1.096	191.782	3.296	0.640	0.00025046
IPI:IPI00001730.3	55.285	3.948	0.231	0.10565873	1	86.227	99.165	89.503	109.282	91.815	110.353	91.632	6.727	103.817	10.407	0.180	0.17594599
IPI:IPI00001734.3	2,011.457	80.511	0.330	0.00372627	11	597.861	667.645	607.945	684.081	621.026	687.572	624.484	37.717	664.226	37.453	0.089	0.26630881
IPI:IPI00001735.6	389.748	5.393	-0.270	0.00012662	6	295.953	323.462	309.269	401.585	372.847	401.308	309.561	13.757	391.913	16.513	0.340	0.00299457
IPI:IPI00001738.4	0.859	1.484	-1.321	0.27137407	9	294.887	301.208	264.452	441.661	367.414	420.810	286.849	19.652	409.962	38.294	0.515	0.01598328
IPI:IPI00001753.2	153.084	133.913	1.261	0.42608621	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00001754.1	0.000	0.000	n/a	n/a	3	88.555	87.229	88.587	123.853	132.670	124.595	88.124	0.775	127.039	4.890	0.528	0.00441110
IPI:IPI00001757.1	161.404	12.308	-0.247	0.13939439	10	310.625	295.846	304.532	283.237	277.572	277.805	303.668	7.427	279.538	3.206	-0.119	0.01785189
IPI:IPI00001762.1	99.576	4.380	0.410	0.00359879	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00001780.1	21.931	2.673	0.451	0.04284072	2	12.075	14.613	11.690	9.983	9.741	9.433	12.792	1.588	9.719	0.276	-0.396	0.07491931
IPI:IPI00001786.5	8.877	2.720	0.746	0.13668848	5	52.749	55.090	52.410	77.064	74.319	69.405	53.417	1.459	73.596	3.881	0.462	0.00626336
IPI:IPI00001813.5	0.000	0.000	n/a	n/a	4	150.567	149.506	141.200	138.990	135.004	139.768	147.091	5.129	137.921	2.556	-0.093	0.07124197
IPI:IPI00001867.1	0.000	0.000	n/a	n/a	1	9.229	9.494	8.021	16.953	13.631	15.806	8.915	0.785	15.463	1.687	0.795	0.01051209
IPI:IPI00001871.2	198.159	6.741	0.006	0.88677193	7	184.627	183.575	171.814	185.732	175.460	183.387	180.005	7.113	181.526	5.383	0.012	0.78457194
IPI:IPI00001883.1	881.858	51.732	0.158	0.07347773	14	641.778	628.926	648.439	655.001	639.525	648.609	639.714	9.919	647.712	7.777	0.018	0.33686088
IPI:IPI00001885.1	0.000	0.000	n/a	n/a	4	95.029	100.511	95.634	113.585	120.193	114.484	97.058	3.006	116.087	3.584	0.258	0.00239304
IPI:IPI00001891.1	0.000	0.000	n/a	n/a	2	86.231	74.145	85.052	114.674	143.695	119.429	81.809	6.663	125.933	15.565	0.622	0.02520401
IPI:IPI00001893.2	41.683	5.238	0.531	0.04140427	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00001914.1	538.463	14.243	0.023	0.68476741	3	163.510	154.320	174.566	93.341	101.398	98.710	164.132	10.137	97.816	4.102	-0.747	0.00318019
IPI:IPI00001952.5	177.519	10.210	-0.208	0.05044701	10	437.740	447.071	450.630	511.980	506.805	522.141	445.147	6.657	513.642	7.802	0.206	0.00036667
IPI:IPI00001960.4	3,288.273	53.831	-0.009	0.58860770	39	1,561.980	1,568.250	1,507.750	1,064.710	1,138.550	1,103.780	1,545.993	33.268	1,102.347	36.941	-0.488	0.00011117
IPI:IPI00001985.2	603.071	66.803	0.501	0.02717306	5	167.137	191.493	172.982	209.647	193.248	210.722	177.204	12.715	204.539	9.793	0.207	0.04541650
IPI:IPI00002070.6	278.409	12.930	0.384	0.00512696	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002134.4	95.181	8.337	-0.331	0.01834161	6	158.929	148.668	157.576	64.044	67.900	69.562	155.058	5.575	67.169	2.831	-1.207	0.00016534
IPI:IPI00002135.1	5.910	0.807	-1.679	0.00004310	5	500.159	443.371	494.681	417.222	477.963	436.633	479.404	31.325	443.939	31.023	-0.111	0.23625932
IPI:IPI00002149.1	47.109	1.188	-0.679	0.00048803	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002186.5	286.616	1.857	0.235	0.00997150	4	162.534	160.860	165.947	189.534	201.737	188.082	163.114	2.593	193.118	7.500	0.244	0.01281714
IPI:IPI00002188.2	130.898	7.180	-0.460	0.00798190	7	269.370	273.530	270.949	302.152	316.959	295.875	271.283	2.100	304.995	10.826	0.169	0.02893833
IPI:IPI00002203.6	0.000	0.000	n/a	n/a	2	76.671	69.745	73.389	58.169	62.899	61.488	73.268	3.464	60.852	2.429	-0.268	0.00946515
IPI:IPI00002208.2	0.000	0.000	n/a	n/a	1	22.222	24.038	21.730	34.216	32.026	30.391	22.663	1.216	32.211	1.919	0.507	0.00353402
IPI:IPI00002212.1	832.695	64.519	-0.009	0.90442131	8	214.917	189.561	204.078	349.713	393.043	367.844	202.852	12.722	370.200	21.761	0.868	0.00100621
IPI:IPI00002214.1	100.919	1.343	-0.629	0.00170132	10	233.706	248.167	228.394	276.735	265.648	278.836	236.756	10.233	273.740	7.086	0.209	0.00922354
IPI:IPI00002230.6	339.999	8.123	-0.376	0.00038468	11	652.975	643.230	644.210	437.147	443.301	452.870	646.805	5.366	444.439	7.923	-0.541	0.00001170
IPI:IPI00002232.2	56.457	0.341	0.022	0.62450550	3	189.552	188.475	186.103	210.286	216.245	212.911	188.043	1.765	213.147	2.987	0.181	0.00073959
IPI:IPI00002236.3	1,144.713	29.696	1.869	0.00004306	12	299.657	283.548	300.202	823.266	942.655	859.601	294.469	9.462	875.174	61.199	1.571	0.00308396
IPI:IPI00002249.2	7.798	1.242	0.217	0.29895552	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002255.4	0.000	0.000	n/a	n/a	4	153.611	148.846	161.900	144.735	161.361	140.377	154.786	6.606	148.824	11.074	-0.057	0.47747997
IPI:IPI00002270.3	299.542	9.300	0.161	0.03403810	4	90.104	111.528	93.358	121.431	84.207	117.967	98.330	11.545	107.868	20.564	0.134	0.53224628
IPI:IPI00002286.6	0.000	0.000	n/a	n/a	1	40.277	45.548	41.436	39.166	35.096	35.522	42.420	2.770	36.595	2.237	-0.213	0.04960971
IPI:IPI00002311.3	0.000	0.000	n/a	n/a	3	104.141	89.160	106.074	97.936	110.640	91.062	99.792	9.258	99.879	9.933	0.001	0.99182194
IPI:IPI00002324.6	483.752	3.695	0.024	0.09921200	10	400.939	389.168	401.491	341.440	347.743	344.898	397.199	6.961	344.694	3.156	-0.205	0.00180089
IPI:IPI00002335.1	24.374	0.972	0.112	0.09294810	2	152.430	124.524	150.935	177.254	215.092	182.101	142.630	15.698	191.482	20.590	0.425	0.03406578
IPI:IPI00002349.2	1,068.907	39.539	0.102	0.07274198	17	936.173	1,002.850	933.380	830.860	755.209	817.613	957.468	39.327	801.227	40.400	-0.257	0.00866606
IPI:IPI00002352.4	25.490	22.392	1.424	0.38000406	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002354.4	106.294	10.946	-0.368	0.02378237	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002372.1	294.345	30.659	0.099	0.40211964	2	129.511	126.781	128.249	92.424	94.991	98.876	128.180	1.366	95.430	3.249	-0.426	0.00095333
IPI:IPI00002375.3	0.000	0.000	n/a	n/a	1	21.480	20.381	23.435	33.058	32.602	35.278	21.765	1.547	33.646	1.431	0.628	0.00063508
IPI:IPI00002405.4	0.000	0.000	n/a	n/a	1	18.130	18.101	16.568	23.344	17.815	23.971	17.600	0.894	21.710	3.388	0.303	0.16351839
IPI:IPI00002406.2	0.000	0.000	n/a	n/a	1	13.744	11.706	12.423	16.815	18.088	18.692	12.625	1.034	17.865	0.958	0.501	0.00305228
IPI:IPI00002408.4	601.246	14.282	-0.038	0.35416262	31	1,444.340	1,453.940	1,493.890	1,965.700	1,904.640	1,960.990	1,464.057	26.279	1,943.777	33.975	0.409	0.00006758
IPI:IPI00002411.3	179.135	21.799	-0.037	0.75606214	9	289.408	299.138	291.230	382.971	341.888	354.673	293.259	5.173	359.844	21.024	0.295	0.02608339
IPI:IPI00002412.1	98.947	8.242	-0.730	0.00064052	2	122.877	133.943	126.356	81.324	82.190	84.840	127.725	5.659	82.785	1.832	-0.626	0.00267981
IPI:IPI00002424.1	0.000	0.000	n/a	n/a	3	141.032	135.747	132.046	206.168	175.961	210.497	136.275	4.516	197.542	18.815	0.536	0.02479092

IPI:IPI00002436.4	CNOT4	Isoform 5 of CCR4-NOT transcription complex subunit 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002441.2	SDC1	Syndecan-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002449.1	PDE4D	Isoform 1 of cAMP-specific 3',5'-cyclic phosphodiesterase 4D	2	69.955	109.345	70.124	83.977	49.719	84.433	83.141	22.693
IPI:IPI00002459.4	ANXA6	annexin VI isoform 2	63	3,293.500	3,534.240	3,269.140	3,698.050	3,624.740	3,614.400	3,365.627	146.531
IPI:IPI00002460.3	ANXA7	Putative uncharacterized protein ANXA7	1	51.989	47.948	52.314	54.726	59.839	52.981	50.750	2.432
IPI:IPI00002468.6	UBIAD1	Isoform 1 of UbiA prenyltransferase domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002469.1	HCFC2	Host cell factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002478.1	ECE1	Isoform B of Endothelin-converting enzyme 1	12	639.246	619.647	640.940	607.530	660.428	633.136	633.278	11.835
IPI:IPI00002483.4	SLC30A1	Zinc transporter 1	4	225.136	213.153	224.911	434.938	481.162	444.855	221.067	6.854
IPI:IPI00002487.4	MTHFR	Methylenetetrahydrofolate reductase	1	9.370	8.184	7.535	11.413	10.154	12.125	8.363	0.931
IPI:IPI00002495.1	EPN1	Isoform 1 of Epsin-1	3	154.218	134.628	160.321	119.700	140.128	126.169	149.722	13.424
IPI:IPI00002496.2	GMPPB	Isoform 2 of Mannose-1-phosphate guanyltransferase beta	3	293.093	264.530	298.877	297.608	367.889	321.675	285.500	18.389
IPI:IPI00002501.1	ATF1	Cyclic AMP-dependent transcription factor ATF-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002506.1	ALG5	Dolichyl-phosphate beta-glucosyltransferase	6	326.483	330.976	336.420	390.268	368.978	395.577	331.293	4.976
IPI:IPI00002519.1	SHMT1	Isoform 1 of Serine hydroxymethyltransferase, cytosolic	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002520.1	SHMT2	Serine hydroxymethyltransferase, mitochondrial	8	603.736	576.568	586.824	645.386	684.428	629.365	589.043	13.719
IPI:IPI00002521.1	ATP5J	ATP synthase-coupling factor 6, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002525.3	NENF	Neudesin	2	179.709	271.924	204.944	262.544	162.537	186.908	218.859	47.656
IPI:IPI00002526.2	DSE	cDNA FLJ56258, highly similar to Squamous cell carcinoma antigen recognized by T-cells 2	2	131.977	126.984	135.427	139.026	133.340	140.079	131.463	4.245
IPI:IPI00002535.2	FKBP2	FK506-binding protein 2	8	435.194	488.826	456.775	495.147	441.745	433.981	460.265	26.986
IPI:IPI00002538.1	PDPK1	Isoform 1 of 3-phosphoinositide-dependent protein kinase 1	2	219.357	225.547	205.839	234.444	214.628	234.958	216.914	10.079
IPI:IPI00002548.3	STON1-GTF2	Stonin-1	2	37.780	39.112	36.119	43.990	42.833	47.547	37.670	1.500
IPI:IPI00002551.4	ANAPC4	Isoform 1 of Anaphase-promoting complex subunit 4	1	1.658	3.304	3.087	3.483	2.347	2.813	2.683	0.894
IPI:IPI00002557.1	COPG2	Coatomer subunit gamma-2	9	218.207	216.667	206.596	245.205	218.886	241.468	213.823	6.306
IPI:IPI00002560.1	NUMBL	Numb-like protein	1	44.086	48.939	43.333	47.084	40.524	43.866	45.452	3.043
IPI:IPI00002564.3	XRCC1	DNA repair protein XRCC1	1	61.682	54.434	62.138	46.167	46.487	55.171	59.418	4.323
IPI:IPI00002579.4	KDM5B	190 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002580.2	PIK3C2A	Phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing alpha polypeptide	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002591.3	PI4KB	Isoform 1 of Phosphatidylinositol 4-kinase beta	1	18.635	24.687	18.845	19.396	21.740	17.773	20.722	3.436
IPI:IPI00002614.3	UVRAG	UV radiation resistance-associated gene protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002624.1	PLRG1	Isoform 1 of Pleiotropic regulator 1	3	123.420	124.118	138.408	135.520	134.277	113.584	128.649	8.459
IPI:IPI00002707.1	SPAST	Isoform 1 of Spastin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002714.2	DKK3	cDNA FLJ52545, highly similar to Dickkopf-related protein 3	1	37.435	35.934	35.114	44.826	47.547	45.906	36.161	1.177
IPI:IPI00002745.1	CTSZ	Cathepsin Z	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002790.3	SEL1L	Isoform 1 of Protein sel-1 homolog 1	3	161.917	175.103	148.480	182.588	152.469	183.602	161.833	13.312
IPI:IPI00002792.1	B4GALT7	Beta-1,4-galactosyltransferase 7	2	44.182	38.827	45.056	46.469	49.693	49.652	42.688	3.373
IPI:IPI00002803.5	PKN1	Serine/threonine-protein kinase N1	4	282.673	266.319	270.226	273.449	279.586	268.405	273.073	8.541
IPI:IPI00002804.1	PKN2	Serine/threonine-protein kinase N2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002806.1	TAF12	Isoform TAFII20 of Transcription initiation factor TFIID subunit 12	1	25.483	25.310	26.634	32.644	32.165	35.943	25.809	0.720
IPI:IPI00002824.7	CSRP2	Cysteine and glycine-rich protein 2	8	321.024	376.668	324.726	456.017	372.136	440.918	340.806	31.113
IPI:IPI00002853.1	PPP2R5E	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform	4	309.221	252.364	304.132	280.052	354.340	291.134	288.572	31.460
IPI:IPI00002857.2	MAPK14	Isoform CSBP2 of Mitogen-activated protein kinase 14	2	7.281	8.799	8.277	12.073	9.358	11.913	8.119	0.772
IPI:IPI00002894.2	POLD1	DNA polymerase delta catalytic subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002895.1	SUPT4H1	Transcription elongation factor SPT4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002899.3	LY6E	Lymphocyte antigen 6E	1	26.856	20.739	25.483	63.475	71.389	64.536	24.359	3.210
IPI:IPI00002901.5	TEAD1	Transcriptional enhancer factor TEF-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00002902.5	NOL9	Nucleolar protein 9	2	135.521	145.938	131.746	148.602	132.375	162.571	137.735	7.350
IPI:IPI00002922.5	TBL1XR1	F-box-like/WD repeat-containing protein TBL1XR1	5	353.587	315.048	350.360	303.431	359.230	296.279	339.665	21.380
IPI:IPI00002926.4	VPS37B	Vacuolar protein sorting-associated protein 37B	2	125.208	119.384	114.003	154.154	164.110	152.756	119.532	5.604
IPI:IPI00002957.1	TBC1D17	TBC1 domain family member 17	1	27.870	28.993	25.198	34.226	34.260	39.590	27.354	1.949

IPI:IPI00002436.4	0.000	0.000	n/a	n/a	2	53.460	52.620	52.993	70.963	65.232	72.581	53.024	0.421	69.592	3.861	0.392	0.01674724
IPI:IPI00002441.2	0.000	0.000	n/a	n/a	1	28.544	31.385	29.800	57.523	51.562	48.249	29.910	1.424	52.445	4.700	0.810	0.00932628
IPI:IPI00002449.1	72.710	19.912	-0.193	0.58253477	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002459.4	3,645.730	45.604	0.115	0.06932944	25	1,362.160	1,326.680	1,387.470	468.105	480.440	500.233	1,358.770	30.536	482.926	16.208	-1.492	0.00002297
IPI:IPI00002460.3	55.849	3.564	0.138	0.11950984	4	146.498	145.167	140.167	132.327	136.708	136.622	143.944	3.338	135.219	2.505	-0.090	0.02544842
IPI:IPI00002468.6	0.000	0.000	n/a	n/a	1	5.218	7.681	6.634	5.563	4.734	5.066	6.511	1.236	5.121	0.417	-0.346	0.18268502
IPI:IPI00002469.1	0.000	0.000	n/a	n/a	2	75.768	86.388	80.997	104.440	98.985	99.830	81.051	5.310	101.085	2.936	0.319	0.00954761
IPI:IPI00002478.1	633.698	26.453	0.001	0.98349593	29	867.802	905.812	880.440	1,156.820	1,116.340	1,162.380	884.685	19.357	1,145.180	25.130	0.372	0.00021095
IPI:IPI00002483.4	453.652	24.335	1.037	0.00203627	10	275.045	257.479	255.669	382.376	407.474	395.158	262.731	10.703	395.003	12.550	0.588	0.00018296
IPI:IPI00002487.4	11.231	0.998	0.425	0.02219233	1	30.525	27.695	30.121	33.747	40.672	37.628	29.447	1.530	37.349	3.471	0.343	0.04210514
IPI:IPI00002495.1	128.666	10.440	-0.219	0.10328887	6	217.090	189.244	215.144	194.321	226.845	211.559	207.159	15.546	210.908	16.272	0.026	0.79236324
IPI:IPI00002496.2	329.057	35.717	0.205	0.15737591	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002501.1	0.000	0.000	n/a	n/a	2	129.620	146.480	120.862	133.306	111.338	133.930	132.321	13.021	126.191	12.867	-0.068	0.59363324
IPI:IPI00002506.1	384.941	14.077	0.217	0.01418496	8	643.481	620.190	647.928	603.534	633.846	593.309	637.200	14.898	610.230	21.082	-0.062	0.15335349
IPI:IPI00002519.1	0.000	0.000	n/a	n/a	5	243.647	244.084	236.154	314.114	311.667	312.863	241.295	4.458	312.881	1.224	0.375	0.00063898
IPI:IPI00002520.1	653.060	28.322	0.149	0.04126214	9	434.325	403.289	457.785	305.435	342.249	316.153	431.800	27.336	321.279	18.935	-0.427	0.00640931
IPI:IPI00002521.1	0.000	0.000	n/a	n/a	6	303.415	364.424	313.884	152.009	137.448	162.232	327.241	32.624	150.563	12.455	-1.120	0.00556380
IPI:IPI00002525.3	203.996	52.147	-0.101	0.73437492	7	418.534	455.828	446.796	360.054	349.600	357.868	440.386	19.456	355.841	5.514	-0.308	0.01220199
IPI:IPI00002526.2	137.482	3.625	0.065	0.13725132	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002535.2	456.958	33.300	-0.010	0.90075898	15	502.169	525.677	504.344	461.403	455.876	449.702	510.730	12.990	455.660	5.853	-0.165	0.00860749
IPI:IPI00002538.1	228.010	11.592	0.072	0.28031796	3	173.819	177.447	176.246	173.183	167.396	175.447	175.837	1.848	172.009	4.152	-0.032	0.24819594
IPI:IPI00002548.3	44.790	2.456	0.250	0.01911649	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002551.4	2.881	0.571	0.103	0.76638430	2	39.093	39.380	37.021	36.247	37.541	36.425	38.498	1.287	36.737	0.702	-0.068	0.12631113
IPI:IPI00002557.1	235.186	14.240	0.137	0.10568030	6	313.584	283.960	328.314	273.729	317.799	286.842	308.619	22.590	292.790	22.629	-0.076	0.44031142
IPI:IPI00002560.1	43.825	3.280	-0.053	0.56298585	1	50.208	62.409	49.696	57.897	49.032	58.327	54.104	7.196	55.086	5.247	0.026	0.85992686
IPI:IPI00002564.3	49.275	5.109	-0.270	0.06015575	8	301.463	284.313	313.646	282.839	298.695	295.003	299.807	14.736	292.179	8.297	-0.037	0.48929106
IPI:IPI00002579.4	0.000	0.000	n/a	n/a	1	46.028	47.785	42.810	60.952	52.497	59.114	45.541	2.523	57.521	4.447	0.337	0.02438517
IPI:IPI00002580.2	0.000	0.000	n/a	n/a	1	15.606	19.154	15.591	18.105	13.265	15.027	16.784	2.053	15.466	2.450	-0.118	0.51631451
IPI:IPI00002591.3	19.636	1.994	-0.078	0.66692632	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002614.3	0.000	0.000	n/a	n/a	1	34.235	41.457	41.950	53.057	49.661	51.978	39.214	4.319	51.565	1.735	0.395	0.02568758
IPI:IPI00002624.1	127.794	12.322	-0.010	0.92664593	12	646.797	637.118	663.844	691.901	735.191	706.168	649.253	13.531	711.087	22.060	0.131	0.02107647
IPI:IPI00002707.1	0.000	0.000	n/a	n/a	1	8.562	9.067	7.734	8.823	12.089	9.489	8.454	0.673	10.134	1.726	0.261	0.22853984
IPI:IPI00002714.2	46.093	1.370	0.350	0.00075660	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002745.1	0.000	0.000	n/a	n/a	5	108.276	106.321	98.758	61.979	66.928	63.516	104.452	5.027	64.141	2.533	-0.704	0.00122322
IPI:IPI00002790.3	172.886	17.689	0.095	0.43989671	6	211.971	198.206	199.269	322.763	319.645	316.285	203.149	7.659	319.564	3.240	0.654	0.00031410
IPI:IPI00002792.1	48.605	1.850	0.187	0.07338390	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002803.5	273.813	5.599	0.004	0.90706084	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002804.1	0.000	0.000	n/a	n/a	11	460.454	413.300	462.293	543.459	606.397	536.240	445.349	27.770	562.032	38.590	0.336	0.01613389
IPI:IPI00002806.1	33.584	2.057	0.380	0.01454767	1	22.720	24.633	23.955	24.511	22.676	28.486	23.769	0.970	25.225	2.970	0.086	0.49157292
IPI:IPI00002824.7	423.024	44.712	0.312	0.06656210	1	52.134	47.847	51.769	48.029	54.572	49.645	50.583	2.377	50.749	3.408	0.005	0.94940061
IPI:IPI00002853.1	308.509	40.076	0.096	0.53832553	2	117.415	101.638	110.164	139.020	144.892	139.538	109.739	7.897	141.150	3.251	0.363	0.01117389
IPI:IPI00002857.2	11.115	1.524	0.453	0.05687217	1	3.111	2.325	1.787	2.332	2.857	0.000	2.407	0.666	1.730	1.521	-0.477	0.53693656
IPI:IPI00002894.2	0.000	0.000	n/a	n/a	1	21.523	24.193	23.735	31.866	24.523	26.257	23.150	1.428	27.549	3.838	0.251	0.17623528
IPI:IPI00002895.1	0.000	0.000	n/a	n/a	2	44.364	43.563	46.094	45.732	44.134	47.438	44.674	1.294	45.768	1.652	0.035	0.42056720
IPI:IPI00002899.3	66.467	4.296	1.448	0.00027175	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00002901.5	0.000	0.000	n/a	n/a	1	58.405	82.654	57.785	109.302	66.994	97.276	66.281	14.182	91.191	21.801	0.460	0.18431628
IPI:IPI00002902.5	147.849	15.112	0.102	0.37660259	7	220.897	212.125	185.777	266.034	231.212	280.969	206.266	18.278	259.405	25.532	0.331	0.04834750
IPI:IPI00002922.5	319.647	34.466	-0.088	0.44965402	9	256.667	246.336	259.466	277.397	283.292	280.226	254.156	6.916	280.305	2.948	0.141	0.01226304
IPI:IPI00002926.4	157.007	6.191	0.393	0.00153806	1	34.384	31.753	32.335	27.267	28.645	24.182	32.824	1.382	26.698	2.285	-0.298	0.02403815
IPI:IPI00002957.1	36.025	3.087	0.397	0.02072429	1	29.632	30.567	27.964	11.852	11.168	9.797	29.388	1.318	10.939	1.046	-1.426	0.00006581

IPI:IPI00002966.2	HSPA4	Heat shock 70 kDa protein 4	58	3,617.150	3,707.090	3,704.270	3,679.180	3,592.280	3,689.710	3,676.170	51.132
IPI:IPI00002968.1	MOCS2	Molybdenum cofactor synthesis protein 2A	2	43.984	41.093	42.741	22.404	27.683	25.172	42.606	1.450
IPI:IPI00002993.1	TAF9	Transcription initiation factor TFIID subunit 9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003004.1	SLC25A22	Mitochondrial glutamate carrier 1	2	105.081	113.920	102.975	122.973	113.896	118.458	107.325	5.807
IPI:IPI00003016.4	STRN4	Striatin-4	1	74.902	65.195	71.069	60.512	75.618	64.794	70.388	4.889
IPI:IPI00003021.1	ATP1A2	Sodium/potassium-transporting ATPase subunit alpha-2	1	33.227	30.624	28.236	51.609	56.772	51.827	30.696	2.496
IPI:IPI00003031.3	ISOC2	Isoform 2 of Isochorismatase domain-containing protein 2, mitochondrial	2	10.490	11.439	11.972	8.655	11.193	9.587	11.301	0.751
IPI:IPI00003084.1	DRAP1	Isoform 1 of Dr1-associated corepressor	5	174.255	159.139	183.660	139.065	150.664	151.086	172.351	12.371
IPI:IPI00003128.1	P4HA2	Isoform IIb of Prolyl 4-hydroxylase subunit alpha-2	2	104.527	100.012	104.889	77.539	89.624	76.128	103.143	2.717
IPI:IPI00003145.1	MAPK8	Isoform 1 of Mitogen-activated protein kinase 8	2	47.094	51.285	61.691	51.366	55.918	42.073	53.357	7.516
IPI:IPI00003176.1	HTRA1	Serine protease HTRA1	2	70.374	68.549	71.561	159.412	161.693	158.740	70.161	1.518
IPI:IPI00003217.3	PSMB7	Proteasome subunit beta type-7	4	149.711	145.790	143.492	107.428	105.776	106.717	146.331	3.145
IPI:IPI00003310.2	POLR2J	RPB11a protein	4	377.473	400.800	388.674	373.330	362.319	388.399	388.982	11.667
IPI:IPI00003311.1	POLR2L	DNA-directed RNA polymerases I, II, and III subunit RPABC5	1	67.397	75.246	68.753	99.950	97.058	100.018	70.466	4.195
IPI:IPI00003326.4	ARL2	ADP-ribosylation factor-like protein 2	6	358.982	356.098	351.915	508.712	462.277	482.918	355.665	3.553
IPI:IPI00003327.1	ARL3	ADP-ribosylation factor-like protein 3	7	573.103	578.517	557.309	606.247	594.451	608.268	569.643	11.019
IPI:IPI00003351.2	ECM1	Isoform 1 of Extracellular matrix protein 1	2	191.325	194.570	197.228	248.986	243.177	259.132	194.374	2.956
IPI:IPI00003362.2	HSPA5	HSPA5 protein	111	7,573.710	7,653.270	8,240.120	6,382.250	6,444.810	6,098.290	7,822.367	363.965
IPI:IPI00003369.1	LIMD1	LIM domain-containing protein 1	1	31.554	41.534	26.274	39.100	30.492	42.135	33.121	7.749
IPI:IPI00003373.1	OCLN	Occludin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003377.1	SFRS7	Isoform 1 of Splicing factor, arginine/serine-rich 7	1	100.909	85.448	101.652	70.890	95.161	73.926	96.003	9.148
IPI:IPI00003389.1	SLC25A15	Mitochondrial ornithine transporter 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003394.1	SMN2;SMN1	Isoform SMN of Survival motor neuron protein	2	100.925	79.703	98.309	66.332	79.188	71.371	92.979	11.572
IPI:IPI00003406.4	DBN1	Isoform 1 of Drebrin	25	1,680.800	1,531.470	1,696.380	1,379.070	1,546.460	1,364.200	1,636.217	91.047
IPI:IPI00003419.1	C11orf58	Small acidic protein	2	196.788	187.715	192.819	159.413	174.120	169.588	192.441	4.548
IPI:IPI00003420.1	MAPRE2	Isoform 1 of Microtubule-associated protein RP/EB family member 2	4	364.335	349.331	353.318	349.523	393.782	362.942	355.661	7.772
IPI:IPI00003428.1	NRF1	Isoform Long of Nuclear respiratory factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003438.2	DNAJC8	DnaJ homolog subfamily C member 8	7	577.282	537.804	569.675	490.132	512.763	513.958	561.587	20.945
IPI:IPI00003441.1	C1orf9	Isoform 1 of Protein C1orf9	1	121.255	141.275	134.793	117.698	104.970	120.342	132.441	10.215
IPI:IPI00003443.3	IFI16	Isoform 1 of Gamma-interferon-inducible protein Ifi-16	16	942.476	987.797	922.826	1,233.010	1,154.150	1,266.550	951.033	33.320
IPI:IPI00003455.3	TMEM48	Isoform 4 of Nucleoporin NDC1	2	99.117	89.046	102.089	104.509	106.596	105.615	96.751	6.836
IPI:IPI00003479.3	MAPK1	Mitogen-activated protein kinase 1	13	650.478	705.886	681.847	588.126	650.391	564.630	679.404	27.785
IPI:IPI00003482.1	DECR1	2,4-dienoyl-CoA reductase, mitochondrial	14	820.567	835.763	826.252	920.054	864.516	956.992	827.527	7.678
IPI:IPI00003505.3	TRIP13	Isoform 1 of Thyroid receptor-interacting protein 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003515.1	TRIP11	Thyroid receptor-interacting protein 11	30	1,609.500	1,647.720	1,677.300	1,864.910	1,821.080	1,905.590	1,644.840	33.992
IPI:IPI00003519.1	EFTUD2	116 kDa U5 small nuclear ribonucleoprotein component	20	1,112.640	1,208.030	1,125.140	1,111.650	1,014.800	1,117.810	1,148.603	51.843
IPI:IPI00003527.5	SLC9A3R1	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	4	325.591	315.780	331.764	294.033	298.790	303.371	324.378	8.061
IPI:IPI00003562.1	MED7	Mediator of RNA polymerase II transcription subunit 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003565.1	PSMD10	26S proteasome non-ATPase regulatory subunit 10	8	474.702	489.748	482.234	577.644	602.059	569.877	482.228	7.523
IPI:IPI00003566.3	HOMER1	Isoform 1 of Homer protein homolog 1	1	30.623	22.643	28.910	24.743	27.988	28.239	27.392	4.201
IPI:IPI00003588.1	EEF1E1	Eukaryotic translation elongation factor 1 epsilon-1	2	122.250	107.585	123.846	119.957	138.308	131.594	117.894	8.963
IPI:IPI00003606.3	RNF14	E3 ubiquitin-protein ligase RNF14	2	136.848	136.112	122.152	147.338	145.417	145.592	131.704	8.280
IPI:IPI00003627.1	ACTL6A	Isoform 1 of Actin-like protein 6A	6	188.335	169.180	172.664	174.126	178.705	164.233	176.726	10.203
IPI:IPI00003635.4	ERGIC1	cDNA FLJ56280, highly similar to Endoplasmic reticulum-Golgi intermediate compartment protein 1	4	287.632	288.625	281.302	294.602	281.527	301.335	285.853	3.972
IPI:IPI00003704.4	RBM4	Isoform 1 of RNA-binding protein 4	3	298.377	274.525	305.066	247.239	275.723	263.142	292.656	16.054
IPI:IPI00003706.1	RBMS2	RNA-binding motif, single-stranded-interacting protein 2	5	161.044	161.167	166.065	153.220	161.501	158.335	162.759	2.864
IPI:IPI00003739.5	DDX49	Probable ATP-dependent RNA helicase DDX49	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003765.1	CAPN7	Calpain-7	1	4.682	4.471	5.667	4.451	3.362	3.423	4.940	0.638
IPI:IPI00003766.4	ETHE1	Protein ETHE1, mitochondrial	2	147.890	157.406	142.819	160.844	157.588	170.054	149.372	7.406
IPI:IPI00003768.1	PES1	Isoform 1 of Pescadillo homolog	3	432.673	412.180	412.009	317.320	320.925	327.825	418.954	11.881
IPI:IPI00003783.1	MAP2K2	Dual specificity mitogen-activated protein kinase kinase 2	9	417.668	447.733	408.151	473.619	447.347	465.501	424.517	20.661
IPI:IPI00003799.2	HEBP2	Isoform 2 of Heme-binding protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00002966.2	3,653.723	53.471	-0.009	0.62723070	119	4,795.120	4,841.820	4,742.680	5,078.360	4,987.560	5,110.430	4,793.207	49.598	5,058.783	63.731	0.078	0.00560194
IPI:IPI00002968.1	25.086	2.641	-0.764	0.00179968	1	39.809	34.554	33.771	24.012	26.857	24.130	36.045	3.284	25.000	1.609	-0.528	0.01469302
IPI:IPI00002993.1	0.000	0.000	n/a	n/a	1	56.926	61.199	55.438	28.395	23.193	30.516	57.854	2.991	27.368	3.768	-1.080	0.00051098
IPI:IPI00003004.1	118.442	4.539	0.142	0.06285987	9	390.319	384.376	394.663	424.802	431.786	436.031	389.786	5.164	430.873	5.670	0.145	0.00078175
IPI:IPI00003016.4	66.974	7.785	-0.072	0.56126313	2	18.958	22.075	22.947	25.189	22.855	25.182	21.327	2.098	24.409	1.346	0.195	0.11086605
IPI:IPI00003021.1	53.403	2.920	0.799	0.00058804	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003031.3	9.811	1.284	-0.204	0.17481471	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003084.1	146.938	6.822	-0.230	0.05035783	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003128.1	81.097	7.418	-0.347	0.02481562	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003145.1	49.785	7.057	-0.100	0.58127314	3	191.571	215.422	208.236	207.917	177.724	192.634	205.076	12.235	192.758	15.097	-0.089	0.33671872
IPI:IPI00003176.1	159.948	1.548	1.189	0.00000026	1	85.512	96.570	84.390	40.829	34.589	37.202	88.824	6.732	37.540	3.134	-1.243	0.00165682
IPI:IPI00003217.3	106.640	0.829	-0.456	0.00117265	14	480.775	544.546	483.719	690.797	570.547	663.473	503.013	35.998	641.606	63.037	0.351	0.04182270
IPI:IPI00003310.2	374.683	13.093	-0.054	0.23175458	3	189.975	206.451	205.688	147.431	133.555	149.400	200.705	9.300	143.462	8.636	-0.484	0.00148481
IPI:IPI00003311.1	99.009	1.690	0.491	0.00289044	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003326.4	484.636	23.265	0.446	0.00945191	4	148.254	164.550	175.250	114.735	111.364	118.684	162.685	13.594	114.928	3.664	-0.501	0.02012287
IPI:IPI00003327.1	602.989	7.463	0.082	0.01621740	11	539.733	534.677	539.425	728.105	786.391	735.915	537.945	2.834	750.137	31.639	0.480	0.00703974
IPI:IPI00003351.2	250.432	8.075	0.366	0.00315882	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003362.2	6,308.450	184.672	-0.310	0.00792662	189	8,718.980	8,297.780	8,461.300	8,201.770	8,522.780	8,318.780	8,492.687	212.347	8,347.777	162.458	-0.025	0.40437499
IPI:IPI00003369.1	37.242	6.040	0.169	0.50999781	6	61.949	71.415	62.927	90.636	88.572	93.958	65.430	5.206	91.055	2.717	0.477	0.00472410
IPI:IPI00003373.1	0.000	0.000	n/a	n/a	16	584.958	570.107	593.158	546.190	557.514	549.129	582.741	11.684	550.944	5.876	-0.081	0.02533866
IPI:IPI00003377.1	79.992	13.224	-0.263	0.16896577	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003389.1	0.000	0.000	n/a	n/a	1	66.215	65.504	60.153	79.834	75.556	76.509	63.957	3.314	77.300	2.246	0.273	0.00662445
IPI:IPI00003394.1	72.297	6.478	-0.363	0.07025681	1	127.077	107.770	133.547	158.522	189.097	160.143	122.798	13.411	169.254	17.204	0.463	0.02330772
IPI:IPI00003406.4	1,429.910	101.209	-0.194	0.05926113	23	1,178.330	1,112.750	1,167.590	1,267.090	1,383.970	1,291.780	1,152.890	35.175	1,314.280	61.603	0.189	0.02620767
IPI:IPI00003419.1	167.707	7.532	-0.198	0.01334637	3	182.215	193.128	172.957	77.438	76.946	72.414	182.767	10.097	75.599	2.769	-1.274	0.00164892
IPI:IPI00003420.1	368.749	22.694	0.052	0.42810309	3	188.398	200.494	188.349	150.021	136.252	145.637	192.414	6.998	143.970	7.034	-0.418	0.00107170
IPI:IPI00003428.1	0.000	0.000	n/a	n/a	1	24.039	28.091	24.747	31.502	26.600	31.753	25.625	2.164	29.951	2.906	0.225	0.11363503
IPI:IPI00003438.2	505.618	13.424	-0.151	0.02382128	21	1,175.040	1,137.920	1,109.860	1,598.180	1,496.360	1,562.420	1,140.940	32.695	1,552.320	51.656	0.444	0.00075909
IPI:IPI00003441.1	114.337	8.219	-0.212	0.07801191	4	128.630	127.685	127.628	237.189	202.453	241.426	127.981	0.563	227.023	21.383	0.827	0.01515588
IPI:IPI00003443.3	1,217.903	57.703	0.357	0.00499070	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003455.3	105.573	1.044	0.126	0.15235013	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003479.3	601.049	44.317	-0.177	0.07196741	4	125.795	131.109	135.889	143.839	143.796	141.939	130.931	5.049	143.191	1.085	0.129	0.04671184
IPI:IPI00003482.1	913.854	46.549	0.143	0.08114092	17	749.757	693.699	735.727	756.845	827.572	780.595	726.394	29.171	788.337	35.994	0.118	0.08445975
IPI:IPI00003505.3	0.000	0.000	n/a	n/a	1	32.950	32.195	32.134	34.988	34.824	31.948	32.426	0.455	33.920	1.710	0.065	0.26703340
IPI:IPI00003515.1	1,863.860	42.265	0.180	0.00260218	31	1,127.940	1,150.000	1,130.920	1,244.730	1,188.810	1,256.020	1,136.287	11.969	1,229.853	35.990	0.114	0.03534849
IPI:IPI00003519.1	1,081.420	57.777	-0.087	0.20975139	48	1,941.810	1,996.690	1,915.390	2,159.870	2,135.450	2,125.840	1,951.297	41.472	2,140.387	17.544	0.133	0.00763571
IPI:IPI00003527.5	298.731	4.669	-0.119	0.01504881	20	770.996	798.874	755.769	887.791	850.164	906.846	775.213	21.860	881.600	28.844	0.186	0.00846794
IPI:IPI00003562.1	0.000	0.000	n/a	n/a	3	60.592	72.803	62.086	89.136	74.903	81.764	65.160	6.661	81.934	7.118	0.330	0.04102187
IPI:IPI00003565.1	583.193	16.793	0.274	0.00341788	12	529.335	541.285	550.696	667.179	667.475	675.892	540.439	10.706	670.182	4.947	0.310	0.00046211
IPI:IPI00003566.3	26.990	1.950	-0.021	0.89153005	3	73.305	70.991	63.269	89.500	91.562	80.224	69.188	5.255	87.095	6.040	0.332	0.01868211
IPI:IPI00003588.1	129.953	9.285	0.141	0.18104858	1	16.044	17.287	16.601	17.358	20.632	21.099	16.644	0.623	19.696	2.038	0.243	0.11189566
IPI:IPI00003606.3	146.116	1.062	0.150	0.09239932	3	162.049	169.601	165.485	303.687	271.459	289.289	165.712	3.781	288.145	16.144	0.798	0.00403033
IPI:IPI00003627.1	172.355	7.397	-0.036	0.58339545	6	222.216	197.310	235.505	239.074	281.165	245.168	218.344	19.390	255.136	22.747	0.225	0.10176029
IPI:IPI00003635.4	292.488	10.072	0.033	0.37717249	10	445.701	452.063	447.760	371.815	381.574	378.626	448.508	3.246	377.338	5.005	-0.249	0.00010172
IPI:IPI00003704.4	262.035	14.274	-0.159	0.07003651	19	577.121	598.201	544.527	757.916	710.897	752.780	573.283	27.042	740.531	25.792	0.369	0.00150658
IPI:IPI00003706.1	157.685	4.179	-0.046	0.16709260	1	31.812	33.778	37.058	22.298	23.036	23.245	34.216	2.650	22.859	0.497	-0.582	0.01513393
IPI:IPI00003739.5	0.000	0.000	n/a	n/a	2	143.807	107.321	130.736	170.233	235.823	185.720	127.288	18.486	197.259	34.284	0.632	0.05117036
IPI:IPI00003765.1	3.745	0.612	-0.399	0.07949947	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003766.4	162.829	6.466	0.124	0.07798142	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003768.1	322.023	5.338	-0.380	0.00147113	8	505.066	491.482	487.217	634.013	659.576	631.029	494.588	9.321	641.539	15.691	0.375	0.00051636
IPI:IPI00003783.1	462.156	13.452	0.123	0.06714450	10	519.889	477.367	498.410	548.377	569.448	561.257	498.555	21.261	559.694	10.622	0.167	0.02196530
IPI:IPI00003799.2	0.000	0.000	n/a	n/a	10	430.984	410.237	408.236	383.888	375.276	395.632	416.486	12.596	384.932	10.218	-0.114	0.02992765

IPI:IPI00003802.2	MAN2A1	Alpha-mannosidase 2	12	924.160	889.603	955.916	1,063.600	1,135.430	1,099.620	923.226	33.166
IPI:IPI00003807.7	ACP2	Lysosomal acid phosphatase	2	61.118	63.035	63.253	65.705	60.133	67.181	62.469	1.175
IPI:IPI00003815.3	ARHGDIA	Rho GDP-dissociation inhibitor 1	19	1,061.140	963.234	1,068.470	818.182	943.164	867.804	1,030.948	58.756
IPI:IPI00003817.3	ARHGDIB	Rho GDP-dissociation inhibitor 2	14	1,131.000	1,088.250	1,098.610	931.868	972.727	966.309	1,105.953	22.301
IPI:IPI00003824.1	PPIL2	Isoform 1 of Peptidyl-prolyl cis-trans isomerase-like 2	1	32.304	36.936	41.899	34.421	40.245	28.949	37.046	4.799
IPI:IPI00003833.3	MTCH2	Mitochondrial carrier homolog 2	6	415.473	425.295	408.198	492.444	480.087	476.098	416.322	8.580
IPI:IPI00003842.3	MAP2	Isoform 1 of Microtubule-associated protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003843.2	TJP2	cDNA FLJ53324, highly similar to Tight junction protein ZO-2	14	698.266	724.758	710.375	742.277	718.682	753.731	711.133	13.262
IPI:IPI00003848.1	DNAJB4	DnaJ homolog subfamily B member 4	10	819.343	745.914	819.001	701.420	835.630	771.365	794.753	42.296
IPI:IPI00003856.1	ATP6V1E1	V-type proton ATPase subunit E 1	3	178.792	185.938	191.470	240.280	235.231	239.558	185.400	6.356
IPI:IPI00003865.1	HSPA8	Isoform 1 of Heat shock cognate 71 kDa protein	116	6,638.990	6,677.130	7,536.500	5,466.410	5,889.080	5,351.880	6,950.873	507.526
IPI:IPI00003870.1	CLPP	Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial	4	135.267	134.160	139.375	142.922	165.424	152.118	136.267	2.748
IPI:IPI00003881.5	HNRNPF	Heterogeneous nuclear ribonucleoprotein F	5	542.438	607.678	555.215	406.947	390.960	416.653	568.444	34.573
IPI:IPI00003884.1	PCDHGA4	Isoform 1 of Protocadherin gamma-A4	1	4.594	7.456	4.792	17.219	17.023	15.671	5.614	1.598
IPI:IPI00003886.3	GNL3	Isoform 2 of Guanine nucleotide-binding protein-like 3	8	365.050	377.100	361.084	377.581	355.990	372.472	367.745	8.341
IPI:IPI00003909.1	SLC2A3	Solute carrier family 2, facilitated glucose transporter member 3	1	44.101	41.235	43.415	124.045	105.906	111.604	42.917	1.497
IPI:IPI00003918.6	RPL4	60S ribosomal protein L4	33	2,703.380	2,644.110	2,715.530	2,321.100	2,339.920	2,291.050	2,687.673	38.213
IPI:IPI00003921.2	EPB41	Isoform 1 of Protein 4.1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003923.1	UMPS	Isoform 1 of Uridine 5'-monophosphate synthase	5	472.457	383.078	473.680	420.686	522.545	448.574	443.072	51.960
IPI:IPI00003925.6	PDHB	Isoform 1 of Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	12	1,190.860	1,275.430	1,131.460	1,370.200	1,395.790	1,297.400	1,199.250	72.351
IPI:IPI00003926.3	CLN8	Protein CLN8	1	19.613	26.841	19.037	35.988	19.956	34.044	21.830	4.349
IPI:IPI00003927.5	PPID	40 kDa peptidyl-prolyl cis-trans isomerase	15	923.389	893.123	910.269	1,025.570	1,024.730	1,007.860	908.927	15.178
IPI:IPI00003933.2	HAGH	hydroxyacylglutathione hydrolase isoform 1	3	248.674	209.845	223.048	267.536	266.891	272.277	227.189	19.743
IPI:IPI00003935.6	HIST2H2BE	Histone H2B type 2-E	2	47.035	44.547	45.322	91.840	105.825	90.148	45.635	1.273
IPI:IPI00003944.1	DBT	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial	5	271.766	241.371	269.156	294.152	358.595	321.086	260.764	16.846
IPI:IPI00003949.1	UBE2N	Ubiquitin-conjugating enzyme E2 N	11	556.990	560.544	558.036	395.113	410.797	413.723	558.523	1.826
IPI:IPI00003964.4	USP9X	ubiquitin specific protease 9, X-linked isoform 4	15	940.631	960.128	959.220	913.480	950.990	924.210	953.326	11.004
IPI:IPI00003965.5	USP7	Ubiquitin carboxyl-terminal hydrolase 7	9	945.299	1,003.030	931.964	1,055.210	1,019.130	1,066.570	960.098	37.774
IPI:IPI00003968.1	NDUFA9	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial	4	243.688	254.062	232.264	290.595	283.232	293.764	243.338	10.903
IPI:IPI00003983.1	CD4	T-cell surface glycoprotein CD4	1	38.778	39.932	35.831	163.787	140.747	165.591	38.180	2.115
IPI:IPI00003985.1	BCS1L	Mitochondrial chaperone BCS1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00003990.1	BPHL	Isoform 2 of Valacyclovir hydrolase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004045.1	RBPMS	Isoform A of RNA-binding protein with multiple splicing	4	103.123	96.447	105.721	91.597	98.259	99.585	101.764	4.784
IPI:IPI00004047.1	EXT2	Isoform 1 of Exostosin-2	1	23.567	21.610	24.904	27.856	26.721	29.490	23.360	1.657
IPI:IPI00004068.2	MED12	Mediator of RNA polymerase II transcription subunit 12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004092.2	ATP2A3	Isoform SERCA3B of Sarcoplasmic/endoplasmic reticulum calcium ATPase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004233.2	MKI67	Isoform Long of Antigen KI-67	3	343.472	311.201	355.752	119.440	147.982	133.685	336.808	23.011
IPI:IPI00004237.1	PHKA2	Phosphorylase b kinase regulatory subunit alpha, liver isoform	2	117.424	108.876	120.825	97.931	130.886	113.520	115.708	6.156
IPI:IPI00004273.6	RBM25	Isoform 1 of RNA-binding protein 25	9	483.937	445.245	489.624	419.530	485.067	453.488	472.935	24.149
IPI:IPI00004290.3	C1orf107	Digestive organ expansion factor homolog	3	133.779	112.313	129.763	134.236	155.583	139.730	125.285	11.412
IPI:IPI00004308.1	FTSJ1	Putative ribosomal RNA methyltransferase 1	1	28.827	27.603	24.405	28.423	23.685	27.132	26.945	2.283
IPI:IPI00004312.1	STAT2	Isoform Long of Signal transducer and activator of transcription 2	2	103.351	94.628	105.436	117.490	152.339	122.762	101.138	5.734
IPI:IPI00004344.1	AFF4	Isoform 1 of AF4/FMR2 family member 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004353.1	GTF2A2	Transcription initiation factor IIA subunit 2	1	98.865	104.267	93.317	117.149	118.648	119.797	98.816	5.475
IPI:IPI00004358.4	PYGB	Glycogen phosphorylase, brain form	26	1,113.300	1,099.500	1,087.860	997.103	1,076.900	1,012.780	1,100.220	12.735
IPI:IPI00004363.1	STK39	STE20/SPS1-related proline-alanine-rich protein kinase	5	163.912	158.952	161.252	158.719	155.387	156.994	161.372	2.482
IPI:IPI00004392.2	NUDT1	Isoform p26 of 7,8-dihydro-8-oxoguanine triphosphatase	1	20.481	19.997	22.328	16.397	22.004	19.926	20.935	1.230
IPI:IPI00004397.2	RALB	cDNA FLJ55177, highly similar to Ras-related protein Ral-B	1	21.790	19.068	25.482	19.416	24.672	20.483	22.113	3.219
IPI:IPI00004399.1	ERRFI1	ERBB receptor feedback inhibitor 1	2	470.755	455.533	451.217	215.468	216.830	232.472	459.168	10.264
IPI:IPI00004406.1	UPP1	Isoform 1 of Uridine phosphorylase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00003802.2	1,099.550	35.915	0.252	0.00342734	7	303.918	271.872	319.768	148.479	182.882	154.568	298.519	24.400	161.976	18.359	-0.882	0.00201494
IPI:IPI00003807.7	64.339	3.717	0.043	0.48119914	4	50.017	53.331	49.272	100.922	105.023	99.091	50.873	2.160	101.679	3.038	0.999	0.00004363
IPI:IPI00003815.3	876.383	62.931	-0.234	0.03623004	26	774.772	756.822	732.169	837.970	833.946	815.690	754.588	21.389	829.202	11.873	0.136	0.01192463
IPI:IPI00003817.3	956.968	21.973	-0.209	0.00118340	1	19.173	25.271	22.571	0.000	0.047	0.000	22.339	3.056	0.016	0.027	-10.469	0.00618978
IPI:IPI00003824.1	34.538	5.649	-0.101	0.59076342	7	432.755	402.421	445.940	525.455	581.275	535.242	427.039	22.316	547.324	29.807	0.358	0.00626742
IPI:IPI00003833.3	482.876	8.523	0.214	0.00067773	4	81.824	70.736	86.043	100.001	105.020	88.776	79.534	7.906	97.932	8.317	0.300	0.05014074
IPI:IPI00003842.3	0.000	0.000	n/a	n/a	11	607.327	588.510	616.760	601.358	606.393	568.670	604.199	14.382	592.140	20.481	-0.029	0.45606250
IPI:IPI00003843.2	738.230	17.872	0.054	0.10845136	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003848.1	769.472	67.125	-0.047	0.61560198	1	23.103	29.075	27.467	15.163	16.805	15.951	26.548	3.090	15.973	0.821	-0.733	0.02140854
IPI:IPI00003856.1	238.356	2.731	0.362	0.00152252	10	228.447	238.426	223.098	289.289	292.897	287.896	229.990	7.780	290.027	2.581	0.335	0.00277995
IPI:IPI00003865.1	5,569.123	282.946	-0.320	0.02387105	205	7,775.960	7,760.990	7,486.800	8,383.160	8,194.630	8,465.070	7,674.583	162.797	8,347.620	138.679	0.121	0.00591939
IPI:IPI00003870.1	153.488	11.313	0.172	0.11153758	7	302.596	327.586	311.030	220.425	227.204	222.201	313.737	12.713	223.277	3.515	-0.491	0.00408100
IPI:IPI00003881.5	404.853	12.974	-0.490	0.00794243	39	1,484.690	1,667.380	1,502.280	1,931.280	1,678.500	1,854.270	1,551.450	100.783	1,821.350	129.566	0.231	0.04995771
IPI:IPI00003884.1	16.638	0.842	1.567	0.00172755	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003886.3	368.681	11.284	0.004	0.91574655	14	569.113	567.786	563.737	587.625	552.756	578.362	566.879	2.800	572.914	18.062	0.015	0.62280691
IPI:IPI00003909.1	113.852	9.276	1.408	0.00475700	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003918.6	2,317.357	24.649	-0.214	0.00037895	35	2,126.870	2,076.820	2,074.720	2,575.330	2,474.800	2,499.510	2,092.803	29.521	2,516.547	52.386	0.266	0.00092988
IPI:IPI00003921.2	0.000	0.000	n/a	n/a	3	60.625	67.782	65.682	67.787	69.509	73.914	64.697	3.679	70.403	3.159	0.122	0.11296853
IPI:IPI00003923.1	463.935	52.638	0.066	0.65089544	7	363.936	344.893	373.807	244.507	284.289	256.041	360.879	14.697	261.612	20.468	-0.464	0.00341067
IPI:IPI00003925.6	1,354.463	51.048	0.176	0.04433957	22	1,320.790	1,262.490	1,361.290	970.132	1,010.960	973.096	1,314.857	49.667	984.729	22.765	-0.417	0.00248715
IPI:IPI00003926.3	29.996	8.749	0.458	0.24573466	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003927.5	1,019.387	9.991	0.165	0.00095229	16	689.746	647.680	641.449	948.977	941.199	954.409	659.625	26.271	948.195	6.640	0.524	0.00166114
IPI:IPI00003933.2	268.901	2.941	0.243	0.06430818	10	423.882	382.003	425.656	505.198	553.595	507.423	410.514	24.707	522.072	27.322	0.347	0.00650303
IPI:IPI00003935.6	95.938	8.604	1.072	0.00850787	5	408.284	351.812	419.302	100.609	129.007	112.401	393.133	36.206	114.006	14.267	-1.786	0.00217698
IPI:IPI00003944.1	324.611	32.366	0.316	0.05617569	5	256.912	276.508	272.074	294.853	286.371	299.003	268.498	10.276	293.409	6.439	0.128	0.03150608
IPI:IPI00003949.1	406.544	10.007	-0.458	0.00107089	8	469.008	513.934	463.090	279.071	251.068	263.931	482.011	27.804	264.690	14.017	-0.865	0.00131830
IPI:IPI00003964.4	929.560	19.319	-0.036	0.15677625	7	480.962	483.175	490.640	191.092	196.956	207.098	484.926	5.071	198.382	8.098	-1.289	0.00000583
IPI:IPI00003965.5	1,046.970	24.770	0.125	0.03629656	13	860.927	848.975	876.980	597.122	639.444	634.281	862.294	14.052	623.616	23.089	-0.468	0.00035201
IPI:IPI00003968.1	289.197	5.403	0.249	0.00789797	4	273.705	266.382	273.379	257.630	271.122	258.829	271.155	4.137	262.527	7.468	-0.047	0.17477841
IPI:IPI00003983.1	156.708	13.852	2.037	0.00385702	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00003985.1	0.000	0.000	n/a	n/a	2	73.246	52.179	59.949	84.515	74.146	83.750	61.791	10.653	80.804	5.779	0.387	0.07066084
IPI:IPI00003990.1	0.000	0.000	n/a	n/a	6	434.401	458.539	458.310	354.328	336.951	343.560	450.417	13.870	344.946	8.771	-0.385	0.00089106
IPI:IPI00004045.1	96.480	4.281	-0.077	0.22821318	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004047.1	28.022	1.392	0.263	0.02152075	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004068.2	0.000	0.000	n/a	n/a	4	73.569	96.130	70.016	142.263	106.174	141.480	79.905	14.163	129.972	20.614	0.702	0.03120705
IPI:IPI00004092.2	0.000	0.000	n/a	n/a	1	29.402	29.208	28.590	17.990	17.394	18.334	29.067	0.424	17.906	0.475	-0.699	0.00000804
IPI:IPI00004233.2	133.702	14.271	-1.333	0.00056976	86	5,391.670	5,497.170	5,435.720	2,830.830	2,848.860	2,913.030	5,441.520	52.989	2,864.240	43.204	-0.926	0.00000062
IPI:IPI00004237.1	114.112	16.486	-0.020	0.88689187	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004273.6	452.695	32.776	-0.063	0.44202845	23	1,240.120	1,117.680	1,201.880	1,220.870	1,315.410	1,215.890	1,186.560	62.641	1,250.723	56.076	0.076	0.25772348
IPI:IPI00004290.3	143.183	11.084	0.193	0.12340754	5	226.698	215.166	228.137	292.720	310.194	289.686	223.334	7.110	297.533	11.069	0.414	0.00130601
IPI:IPI00004308.1	26.413	2.449	-0.029	0.79762185	3	115.500	114.766	122.542	153.313	136.091	145.246	117.603	4.293	144.883	8.617	0.301	0.01707106
IPI:IPI00004312.1	130.864	18.784	0.372	0.10080405	1	16.018	18.445	17.527	2.347	3.525	4.298	17.330	1.225	3.390	0.982	-2.354	0.00014166
IPI:IPI00004344.1	0.000	0.000	n/a	n/a	3	38.851	44.985	43.046	47.479	49.254	49.658	42.294	3.135	48.797	1.159	0.206	0.05564493
IPI:IPI00004353.1	118.531	1.328	0.262	0.01997240	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004358.4	1,028.928	42.278	-0.097	0.08946632	49	1,754.620	1,728.550	1,752.740	1,761.670	1,798.850	1,803.110	1,745.303	14.539	1,787.877	22.795	0.035	0.06298202
IPI:IPI00004363.1	157.033	1.666	-0.039	0.07477254	2	70.369	59.871	60.555	66.299	61.020	73.526	63.599	5.873	66.948	6.278	0.074	0.53724053
IPI:IPI00004392.2	19.442	2.835	-0.107	0.46967867	1	10.019	11.346	9.679	15.329	14.132	13.890	10.348	0.881	14.450	0.771	0.482	0.00394272
IPI:IPI00004397.2	21.524	2.778	-0.039	0.82220718	2	45.416	42.672	43.262	32.912	36.601	33.573	43.783	1.445	34.362	1.967	-0.350	0.00351603
IPI:IPI00004399.1	221.590	9.449	-1.051	0.00000897	11	464.777	526.501	449.874	307.352	279.261	320.749	480.384	40.628	302.454	21.173	-0.667	0.00665042
IPI:IPI00004406.1	0.000	0.000	n/a	n/a	6	204.159	185.918	204.430	258.929	290.461	255.775	198.169	10.611	268.388	19.180	0.438	0.01042744

IPI:IPI00004409.2	DDR2	Discoidin domain-containing receptor 2	12	335.504	367.514	321.671	748.458	638.370	733.964	341.563	23.514
IPI:IPI00004416.1	CHMP2A	Charged multivesicular body protein 2a	2	136.045	123.663	132.793	135.380	138.712	128.565	130.834	6.419
IPI:IPI00004459.1	DIMT1L	Probable dimethyladenosine transferase	2	94.214	91.324	100.118	84.058	89.148	82.749	95.219	4.482
IPI:IPI00004461.2	DGUOK	Isoform 1 of Deoxyguanosine kinase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004472.1	WNK1	Isoform 1 of Serine/threonine-protein kinase WNK1	2	23.160	26.760	23.716	25.623	26.851	26.351	24.545	1.938
IPI:IPI00004473.6	NRG1	Isoform 3 of Pro-neuregulin-1, membrane-bound isoform	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004477.1	CRCP	Isoform 1 of DNA-directed RNA polymerase III subunit RPC9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004488.2	ATP6V1F	V-type proton ATPase subunit F	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004489.1	MOCS3	Adenylyltransferase and sulfurtransferase MOCS3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004497.2	BCR	Isoform 1 of Breakpoint cluster region protein	1	23.849	24.083	23.264	23.659	24.279	26.702	23.732	0.422
IPI:IPI00004506.3	KCTD5	BTB/POZ domain-containing protein KCTD5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004511.3	PFKFB3	Isoform 1 of 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	1	19.379	21.197	21.382	26.293	21.136	27.044	20.653	1.107
IPI:IPI00004533.1	KIF3B	Kinesin-like protein KIF3B	3	141.821	166.411	137.652	170.027	122.762	160.426	148.628	15.541
IPI:IPI00004534.4	PFAS	Phosphoribosylformylglycinamidine synthase	1	70.507	62.169	67.600	72.223	63.881	70.369	66.759	4.232
IPI:IPI00004551.3	NLRP1	Isoform 4 of NACHT, LRR and PYD domains-containing protein 1	2	52.053	39.963	49.312	86.176	91.994	88.791	47.109	6.339
IPI:IPI00004582.2	EML1	Isoform 2 of Echinoderm microtubule-associated protein-like 1	1	12.327	10.222	11.890	11.735	16.633	15.280	11.480	1.111
IPI:IPI00004584.1	KIAA0391	Isoform 2 of Mitochondrial ribonuclease P protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004655.1	FRG1	Protein FRG1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004656.3	B2M	Beta-2-microglobulin	5	256.994	248.438	263.568	263.467	284.972	234.185	256.333	7.587
IPI:IPI00004657.1	HLA-B;HLA-	HLA class I histocompatibility antigen, B-7 alpha chain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004669.1	GALNT2	Polypeptide N-acetylgalactosaminyltransferase 2	9	383.945	397.429	376.914	419.594	403.721	419.810	386.096	10.425
IPI:IPI00004671.2	GOLGB1	Golgin subfamily B member 1	55	2,738.730	2,694.720	2,798.410	2,883.720	2,894.870	2,932.980	2,743.953	52.042
IPI:IPI00004712.1	HUS1	Checkpoint protein HUS1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004758.5	LDLRAP1	Low density lipoprotein receptor adapter protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004795.1	CLNS1A	Methylosome subunit pICln	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004838.2	CRK	Isoform Crk-II of Proto-oncogene C-crk	1	69.502	52.889	61.402	53.400	65.253	55.978	61.264	8.307
IPI:IPI00004839.1	CRKL	Crk-like protein	6	290.360	335.067	295.194	329.377	282.028	338.194	306.874	24.535
IPI:IPI00004845.4	NIPSNAP3A	Protein NipSnap homolog 3A	4	234.579	228.233	241.483	261.091	257.943	262.369	234.765	6.627
IPI:IPI00004859.1	BLM	Bloom syndrome protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00004860.2	RARS	Isoform Complexed of Arginyl-tRNA synthetase, cytoplasmic	30	2,130.810	2,151.600	2,139.770	2,053.080	2,113.590	2,109.300	2,140.727	10.428
IPI:IPI00004902.1	ETFB	Isoform 1 of Electron transfer flavoprotein subunit beta	13	1,919.630	1,919.340	1,945.010	1,765.730	1,533.490	1,692.360	1,927.993	14.738
IPI:IPI00004928.1	EGLN1	Isoform 1 of Egl nine homolog 1	4	349.572	349.671	334.569	363.271	332.616	386.250	344.604	8.691
IPI:IPI00004942.1	ZNF330	Zinc finger protein 330	2	118.636	131.949	130.851	155.019	150.721	154.996	127.145	7.390
IPI:IPI00004958.3	C14orf133	cDNA FLJ55986	1	35.057	42.541	40.837	41.744	47.241	36.392	39.478	3.923
IPI:IPI00004962.2	GOLIM4	Golgi integral membrane protein 4	13	712.659	719.068	732.122	713.239	720.621	731.797	721.283	9.919
IPI:IPI00004968.1	PRPF19	Pre-mRNA-processing factor 19	11	477.767	440.187	454.155	476.646	508.848	497.324	457.370	18.995
IPI:IPI00004970.4	UTP20;LOC6	Small subunit processome component 20 homolog	5	98.839	115.415	104.052	112.461	93.475	115.627	106.102	8.476
IPI:IPI00004974.2	RABGEF1	cDNA FLJ55772, highly similar to Rab5 GDP/GTP exchange factor	4	109.890	85.742	104.248	97.211	114.948	101.684	99.960	12.632
IPI:IPI00004977.2	VAV2	Isoform 3 of Guanine nucleotide exchange factor VAV2	1	53.141	60.665	57.666	59.496	55.776	69.879	57.157	3.788
IPI:IPI00004988.1	MANBAL	Protein MANBAL	2	168.334	198.746	171.488	228.958	194.707	225.880	179.523	16.722
IPI:IPI00005011.1	CNOT2	Isoform 1 of CCR4-NOT transcription complex subunit 2	2	127.041	134.174	120.224	138.461	113.770	135.327	127.146	6.976
IPI:IPI00005015.1	CNOT3	Isoform 1 of CCR4-NOT transcription complex subunit 3	5	343.297	321.291	364.007	314.906	355.405	329.002	342.865	21.361
IPI:IPI00005018.3	UBP1	Isoform 1 of Upstream-binding protein 1	1	28.849	33.527	30.801	40.956	35.162	25.672	31.059	2.350
IPI:IPI00005024.3	MYBBP1A	Isoform 1 of Myb-binding protein 1A	11	704.585	714.749	720.133	713.702	683.766	746.941	713.156	7.896
IPI:IPI00005030.5	SH3BP4	Isoform 1 of SH3 domain-binding protein 4	9	412.743	400.664	418.506	342.851	355.803	361.855	410.638	9.105
IPI:IPI00005036.1	RBM5	Isoform 1 of RNA-binding protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005038.1	HRSP12	Ribonuclease UK114	3	109.584	153.392	92.953	162.718	113.130	151.026	118.643	31.221
IPI:IPI00005039.2	MTIF2	Translation initiation factor IF-2, mitochondrial	2	149.053	123.989	147.774	146.631	169.957	155.003	140.272	14.116
IPI:IPI00005040.1	ACADM	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	4	388.216	415.609	396.112	414.038	366.698	421.267	399.979	14.100
IPI:IPI00005045.1	ABCF2	ATP-binding cassette sub-family F member 2	15	861.420	855.818	843.201	746.252	727.382	745.183	853.480	9.332
IPI:IPI00005055.4	CXorf56	UPF0428 protein CXorf56	3	168.579	144.752	164.064	139.843	163.701	143.288	159.132	12.656
IPI:IPI00005068.2	SLC44A1	Isoform 2 of Choline transporter-like protein 1	1	57.575	52.083	62.516	68.343	84.529	72.602	57.391	5.219
IPI:IPI00005087.1	TMOD3	Tropomodulin-3	30	1,847.690	1,911.800	1,870.100	1,837.270	1,789.110	1,785.300	1,876.530	32.535

IPI:IPI00004409.2	706.931	59.816	1.049	0.00395020	1	149.926	165.345	152.747	15.821	20.123	23.402	156.006	8.210	19.782	3.802	-2.979	0.00019122
IPI:IPI00004416.1	134.219	5.172	0.037	0.51805734	6	169.901	159.354	181.079	197.584	224.629	198.329	170.111	10.864	206.847	15.404	0.282	0.03291721
IPI:IPI00004459.1	85.318	3.380	-0.158	0.04178039	3	94.846	94.649	94.367	140.236	127.962	140.184	94.621	0.240	136.127	7.071	0.525	0.00951654
IPI:IPI00004461.2	0.000	0.000	n/a	n/a	1	39.074	36.405	33.976	35.155	34.844	35.451	36.485	2.550	35.150	0.303	-0.054	0.46307756
IPI:IPI00004472.1	26.275	0.617	0.098	0.25839212	4	150.736	142.222	155.411	186.530	197.656	196.007	149.456	6.687	193.398	6.004	0.372	0.00112495
IPI:IPI00004473.6	0.000	0.000	n/a	n/a	1	40.689	38.012	41.958	47.587	41.280	37.934	40.220	2.014	42.267	4.902	0.072	0.55727476
IPI:IPI00004477.1	0.000	0.000	n/a	n/a	1	49.805	44.503	53.755	22.701	26.693	22.550	49.354	4.642	23.981	2.349	-1.041	0.00367119
IPI:IPI00004488.2	0.000	0.000	n/a	n/a	1	2.611	2.169	2.458	1.956	3.100	1.671	2.413	0.225	2.242	0.756	-0.106	0.74297702
IPI:IPI00004489.1	0.000	0.000	n/a	n/a	1	16.542	18.193	14.162	18.033	11.307	16.435	16.299	2.026	15.258	3.514	-0.095	0.68654010
IPI:IPI00004497.2	24.880	1.608	0.068	0.34182300	2	43.881	44.764	44.026	41.950	45.653	44.618	44.224	0.474	44.074	1.910	-0.005	0.90989117
IPI:IPI00004506.3	0.000	0.000	n/a	n/a	1	50.628	61.860	54.649	42.398	53.051	47.479	55.712	5.691	47.642	5.329	-0.226	0.14811316
IPI:IPI00004511.3	24.825	3.216	0.265	0.14302428	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004533.1	151.072	24.982	0.024	0.89418124	9	356.890	351.027	347.330	493.494	466.340	499.133	351.749	4.821	486.322	17.533	0.467	0.00344701
IPI:IPI00004534.4	68.824	4.380	0.044	0.58912904	4	103.542	100.469	112.069	119.338	139.065	131.966	105.360	6.010	130.123	9.992	0.305	0.02999716
IPI:IPI00004551.3	88.987	2.914	0.918	0.00252002	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004582.2	14.549	2.529	0.342	0.15850803	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004584.1	0.000	0.000	n/a	n/a	4	74.487	77.345	71.357	91.449	78.206	85.077	74.396	2.995	84.911	6.623	0.191	0.09401323
IPI:IPI00004655.1	0.000	0.000	n/a	n/a	7	232.193	232.905	249.314	207.303	222.688	200.827	238.137	9.686	210.273	11.229	-0.180	0.03229115
IPI:IPI00004656.3	260.875	25.493	0.025	0.79161593	15	758.183	882.650	750.259	973.641	877.398	974.296	797.031	74.254	941.778	55.756	0.241	0.05866852
IPI:IPI00004657.1	0.000	0.000	n/a	n/a	1	4.276	6.020	5.089	3.964	3.632	3.858	5.128	0.872	3.818	0.170	-0.426	0.11807209
IPI:IPI00004669.1	414.375	9.227	0.102	0.02516976	18	394.253	381.956	388.358	516.029	559.815	529.883	388.189	6.150	535.242	22.380	0.463	0.00490677
IPI:IPI00004671.2	2,903.857	25.830	0.082	0.01852086	111	4,687.900	4,635.730	4,723.720	5,369.580	5,512.350	5,316.910	4,682.450	44.247	5,399.613	101.122	0.206	0.00227624
IPI:IPI00004712.1	0.000	0.000	n/a	n/a	1	35.173	40.306	38.083	50.546	47.185	48.998	37.854	2.574	48.910	1.682	0.370	0.00549790
IPI:IPI00004758.5	0.000	0.000	n/a	n/a	2	48.629	55.274	54.840	42.875	39.889	46.815	52.914	3.718	43.193	3.474	-0.293	0.02990340
IPI:IPI00004795.1	0.000	0.000	n/a	n/a	14	318.168	327.715	324.415	418.599	417.415	409.009	323.433	4.849	415.008	5.229	0.360	0.00002532
IPI:IPI00004838.2	58.210	6.234	-0.074	0.64325086	6	270.012	267.306	262.220	390.827	374.040	375.760	266.513	3.956	380.209	9.236	0.513	0.00053837
IPI:IPI00004839.1	316.533	30.206	0.045	0.69044051	4	246.101	263.371	246.823	167.550	138.247	156.655	252.098	9.769	154.151	14.811	-0.710	0.00130960
IPI:IPI00004845.4	260.468	2.278	0.150	0.01385644	2	70.305	80.912	72.286	12.393	13.016	11.811	74.501	5.640	12.407	0.603	-2.586	0.00250956
IPI:IPI00004859.1	0.000	0.000	n/a	n/a	1	14.567	12.607	15.566	12.318	13.351	9.955	14.247	1.506	11.875	1.741	-0.263	0.15040422
IPI:IPI00004860.2	2,091.990	33.765	-0.033	0.11938379	55	2,213.520	2,282.570	2,179.190	2,361.350	2,275.490	2,343.890	2,225.093	52.653	2,326.910	45.379	0.065	0.06552613
IPI:IPI00004902.1	1,663.860	118.714	-0.213	0.05916222	19	1,468.770	1,502.730	1,464.670	1,522.270	1,436.640	1,488.500	1,478.723	20.891	1,482.470	43.132	0.004	0.90166467
IPI:IPI00004928.1	360.712	26.908	0.066	0.41233848	4	219.937	221.980	234.611	290.286	279.950	266.801	225.509	7.948	279.012	11.771	0.307	0.00447847
IPI:IPI00004942.1	153.579	2.475	0.272	0.01705403	3	46.838	52.976	46.581	71.470	62.838	72.157	48.798	3.620	68.822	5.193	0.496	0.00746066
IPI:IPI00004958.3	41.792	5.425	0.082	0.58541168	2	56.919	49.332	58.651	77.297	78.387	75.692	54.967	4.957	77.126	1.355	0.489	0.01173289
IPI:IPI00004962.2	721.886	9.343	0.001	0.94448734	7	293.600	288.616	#RIF!	136.192	146.614	144.158	292.207	3.136	142.321	5.448	-1.038	0.00001821
IPI:IPI00004968.1	494.273	16.316	0.112	0.06469569	29	772.924	757.848	749.522	787.740	868.909	776.602	760.098	11.862	811.084	50.387	0.094	0.21796829
IPI:IPI00004970.4	107.188	11.980	0.015	0.90514914	8	441.379	429.896	431.371	460.781	440.462	455.458	434.215	6.248	452.234	10.536	0.059	0.07779113
IPI:IPI00004974.2	104.614	9.225	0.066	0.63639230	6	208.476	223.800	213.741	262.181	217.296	250.828	215.339	7.786	243.435	23.338	0.177	0.16309595
IPI:IPI00004977.2	61.717	7.309	0.111	0.40834695	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00004988.1	216.515	18.949	0.270	0.06527648	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005011.1	129.186	13.442	0.023	0.83265244	2	193.893	165.432	172.210	281.205	293.620	292.127	177.178	14.867	288.984	6.778	0.706	0.00179133
IPI:IPI00005015.1	333.104	20.559	-0.042	0.59944915	6	127.616	116.952	116.496	121.476	116.212	119.362	120.355	6.293	119.017	2.649	-0.016	0.75920253
IPI:IPI00005018.3	33.930	7.716	0.128	0.59241773	2	53.029	50.861	54.586	61.198	65.988	59.687	52.826	1.871	62.291	3.290	0.238	0.02024419
IPI:IPI00005024.3	714.803	31.602	0.003	0.93923660	17	952.757	901.340	977.576	857.412	899.580	872.395	943.891	38.884	876.462	21.376	-0.107	0.07540644
IPI:IPI00005030.5	353.503	9.709	-0.216	0.00178224	7	146.674	166.642	150.040	184.411	175.603	175.791	154.452	10.690	178.602	5.032	0.210	0.04177173
IPI:IPI00005036.1	0.000	0.000	n/a	n/a	7	237.515	220.273	232.447	280.537	304.480	275.495	230.078	8.862	286.837	15.486	0.318	0.01010326
IPI:IPI00005038.1	142.291	25.922	0.262	0.37175398	4	195.261	207.289	197.862	234.960	214.515	222.159	200.137	6.329	223.878	10.330	0.162	0.03662821
IPI:IPI00005039.2	157.197	11.817	0.164	0.18884031	2	98.878	93.223	103.050	116.598	122.422	112.478	98.384	4.932	117.166	4.996	0.252	0.00978445
IPI:IPI00005040.1	400.668	29.640	0.002	0.97389085	25	925.164	1,011.550	913.495	1,074.630	947.474	1,048.980	950.070	53.562	1,023.695	67.243	0.108	0.21569164
IPI:IPI00005045.1	739.606	10.599	-0.207	0.00017040	10	463.338	428.694	430.252	647.993	658.483	625.008	440.761	19.567	643.828	17.122	0.547	0.00019546
IPI:IPI00005055.4	148.944	12.895	-0.095	0.38430926	1	58.736	62.953	58.559	90.196	96.181	104.119	60.083	2.487	96.832	6.984	0.689	0.00648228
IPI:IPI00005068.2	75.158	8.390	0.389	0.04551936	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005087.1	1,803.893	28.968	-0.057	0.04549907	34	1,302.660	1,429.030	1,289.220	1,532.890	1,352.640	1,507.130	1,340.303	77.133	1,464.220	97.486	0.128	0.16346043

IPI:IPI00005089.1	TMOD2	Tropomodulin-2	3	247.743	265.794	262.206	274.671	267.170	284.516	258.581	9.556
IPI:IPI00005102.3	SMS	Isoform 1 of Spermine synthase	15	1,028.580	1,048.160	1,071.780	1,028.230	988.624	1,016.320	1,049.507	21.631
IPI:IPI00005107.2	NPC1	Niemann-Pick C1 protein	3	150.668	151.879	149.995	247.702	253.036	252.063	150.847	0.955
IPI:IPI00005129.8	SCAMP1	Isoform 1 of Secretory carrier-associated membrane protein 1	7	337.682	369.571	329.115	463.632	400.471	451.339	345.456	21.319
IPI:IPI00005132.3	GNL3L	Guanine nucleotide-binding protein-like 3-like protein	1	94.504	81.284	101.662	82.679	92.152	81.272	92.483	10.338
IPI:IPI00005146.2	KIAA0430	Isoform 2 of Limkain-b1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005154.1	SSRP1	FACT complex subunit SSRP1	5	182.372	167.874	179.906	130.310	163.467	141.859	176.717	7.757
IPI:IPI00005158.1	LONP1	Lon protease homolog, mitochondrial	14	633.455	588.685	642.467	779.975	827.508	803.778	621.536	28.804
IPI:IPI00005159.3	ACTR2	Actin-related protein 2	22	2,063.250	2,077.940	2,002.580	1,997.650	1,972.270	1,976.450	2,047.923	39.949
IPI:IPI00005160.3	ARPC1B	Actin-related protein 2/3 complex subunit 1B	20	1,065.960	1,027.300	1,094.840	1,115.560	1,097.070	1,077.600	1,062.700	33.888
IPI:IPI00005162.3	ARPC3	Actin-related protein 2/3 complex subunit 3	10	889.496	876.680	883.441	755.634	818.665	789.307	883.206	6.411
IPI:IPI00005163.3	ARL15	ADP-ribosylation factor-like protein 15	1	41.524	61.787	45.936	71.215	51.417	68.102	49.749	10.656
IPI:IPI00005179.1	POLR1C	Isoform 1 of DNA-directed RNA polymerases I and III subunit RPAC1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005181.1	PLSCR1	Phospholipid scramblase 1	1	52.282	49.473	54.132	58.866	69.323	67.633	51.962	2.346
IPI:IPI00005189.1	C19orf61	59 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005194.1	UBFD1	Ubiquitin domain-containing protein UBFD1	8	696.337	676.763	667.804	726.698	763.767	747.207	680.301	14.592
IPI:IPI00005198.2	ILF2	Interleukin enhancer-binding factor 2	9	652.206	554.992	640.885	437.301	527.058	450.749	616.028	53.161
IPI:IPI00005202.2	PGRMC2	Membrane-associated progesterone receptor component 2	12	200.591	192.240	192.869	228.894	236.276	224.214	195.233	4.651
IPI:IPI00005218.1	MOCS2	Molybdenum cofactor synthesis protein 2B	4	215.728	216.284	212.150	194.930	216.756	197.565	214.721	2.244
IPI:IPI00005260.4	PSME4	Isoform 1 of Proteasome activator complex subunit 4	1	30.432	40.963	30.779	40.116	28.935	37.204	34.058	5.982
IPI:IPI00005270.8	KDELC1	KDEL motif-containing protein 1	2	114.673	133.017	116.555	166.586	142.525	164.732	121.415	10.092
IPI:IPI00005367.1	PRKAG2	Isoform A of 5'-AMP-activated protein kinase subunit gamma-2	4	302.990	412.759	316.436	458.015	349.967	441.537	344.062	59.872
IPI:IPI00005401.3	GALNT5	Polypeptide N-acetylgalactosaminyltransferase 5	3	515.821	475.833	503.654	255.620	262.897	250.917	498.436	20.498
IPI:IPI00005474.5	LHPP	Phospholysine phosphohistidine inorganic pyrophosphate phosphatase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005477.3	TWISTNB	DNA-directed RNA polymerase I subunit RPA43	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005490.1	GOLPH3	Golgi phosphoprotein 3	4	142.487	147.341	141.675	174.411	183.411	179.621	143.834	3.064
IPI:IPI00005492.2	WDR5	WD repeat-containing protein 5	4	392.315	361.334	398.650	479.662	512.914	457.387	384.100	19.968
IPI:IPI00005495.3	ATXN3	Isoform 1 of Ataxin-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005511.1	PHF5A	PHD finger-like domain-containing protein 5A	4	218.942	200.564	208.070	189.933	200.555	193.818	209.192	9.240
IPI:IPI00005537.2	MRPL12	39S ribosomal protein L12, mitochondrial	5	400.485	362.794	409.686	413.599	467.530	418.126	390.988	24.847
IPI:IPI00005577.5	IFIH1	Isoform 1 of Interferon-induced helicase C domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005578.1	EHD4	EH domain-containing protein 4	3	119.949	114.459	124.749	107.352	133.353	112.194	119.719	5.149
IPI:IPI00005585.5	TAX1BP3	Tax1-binding protein 3	1	16.617	20.225	17.057	12.348	15.468	12.808	17.966	1.968
IPI:IPI00005605.4	NDRG3	Isoform 1 of Protein NDRG3	4	235.177	244.273	242.261	274.878	285.279	271.049	240.570	4.778
IPI:IPI00005613.3	U2AF1	Splicing factor U2AF 35 kDa subunit	2	71.867	60.365	66.205	64.597	73.427	70.676	66.145	5.751
IPI:IPI00005614.6	SPTBN1	Isoform Long of Spectrin beta chain, brain 1	120	8,156.420	7,897.490	8,227.150	7,222.560	7,495.970	7,253.650	8,093.687	173.553
IPI:IPI00005615.1	TIAL1	Nucleolysin TIAR	6	555.117	522.369	562.500	525.105	576.867	547.048	546.662	21.360
IPI:IPI00005634.3	TTC37	Tetratricopeptide repeat protein 37	8	329.661	332.931	317.216	388.889	367.802	384.260	326.603	8.292
IPI:IPI00005648.1	SAFB2	Scaffold attachment factor B2	2	132.322	146.726	132.898	147.688	122.065	156.169	137.315	8.155
IPI:IPI00005651.3	IPO13	Importin-13	1	54.637	71.318	54.482	83.404	56.088	79.773	60.146	9.676
IPI:IPI00005657.1	PFDN6	Prefoldin subunit 6	9	752.354	719.090	745.776	713.162	770.344	757.685	739.073	17.616
IPI:IPI00005658.3	UBL4A	Ubiquitin-like protein 4A	1	33.151	44.537	37.539	48.157	39.156	49.733	38.409	5.743
IPI:IPI00005661.1	MLX	Isoform Gamma of Max-like protein X	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005666.1	KDM4A	Lysine-specific demethylase 4A	1	20.708	23.643	20.412	22.843	20.833	22.768	21.588	1.786
IPI:IPI00005667.4	N4BP1	NEDD4-binding protein 1	1	23.042	19.942	20.819	23.565	23.300	24.247	21.267	1.598
IPI:IPI00005670.6	CDC123	Cell division cycle protein 123 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005675.3	NKRF	NF-kappa-B-repressing factor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005677.1	GNPAT	Dihydroxyacetone phosphate acyltransferase	2	165.077	169.487	176.603	183.058	176.544	174.801	170.389	5.816
IPI:IPI00005686.1	LIPG	Isoform 1 of Endothelial lipase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005688.1	ZNF185	Isoform 1 of Zinc finger protein 185	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005692.1	MRPS12	28S ribosomal protein S12, mitochondrial	1	62.151	67.780	61.164	67.012	53.730	68.592	63.698	3.569
IPI:IPI00005705.1	PPP1CC	Isoform Gamma-1 of Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00005089.1	275.452	8.699	0.091	0.08722442	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005102.3	1,011.058	20.321	-0.054	0.08852920	20	820.131	866.962	826.385	749.821	713.754	737.061	837.826	25.426	733.545	18.289	-0.192	0.00604019
IPI:IPI00005107.2	250.934	2.841	0.734	0.00006802	6	261.394	267.428	260.212	225.532	217.992	231.039	263.011	3.870	224.854	6.550	-0.226	0.00235934
IPI:IPI00005129.8	438.481	33.486	0.344	0.02129644	6	272.159	297.152	267.043	331.875	294.522	313.638	278.785	16.111	313.345	18.678	0.169	0.07400534
IPI:IPI00005132.3	85.368	5.918	-0.116	0.37317899	4	90.528	87.872	80.817	93.758	109.844	107.095	86.406	5.019	103.566	8.604	0.261	0.05357302
IPI:IPI00005146.2	0.000	0.000	n/a	n/a	1	34.615	30.438	40.629	45.949	46.071	47.203	35.227	5.123	46.408	0.691	0.398	0.06105992
IPI:IPI00005154.1	145.212	16.831	-0.283	0.06529734	14	603.469	601.165	586.386	688.559	690.114	678.224	597.007	9.270	685.632	6.463	0.200	0.00033488
IPI:IPI00005158.1	803.754	23.767	0.371	0.00125485	17	744.516	728.006	729.270	597.726	633.547	618.150	733.931	9.189	616.474	17.969	-0.252	0.00215146
IPI:IPI00005159.3	1,982.123	13.608	-0.047	0.09172198	40	1,775.620	1,765.220	1,784.660	1,981.650	2,031.510	1,996.160	1,775.167	9.728	2,003.107	25.646	0.174	0.00160529
IPI:IPI00005160.3	1,096.743	18.982	0.045	0.22238191	17	648.101	648.886	657.309	538.969	577.884	551.412	651.432	5.105	556.088	19.874	-0.228	0.01040101
IPI:IPI00005162.3	787.869	31.540	-0.165	0.03041975	8	435.802	460.300	435.341	399.199	321.411	368.326	443.814	14.279	362.979	39.169	-0.290	0.05656221
IPI:IPI00005163.3	63.578	10.646	0.354	0.18740461	1	15.968	18.346	16.869	17.982	21.959	20.662	17.061	1.200	20.201	2.028	0.244	0.09754334
IPI:IPI00005179.1	0.000	0.000	n/a	n/a	2	108.750	103.040	103.427	116.137	111.851	120.861	105.072	3.191	116.283	4.507	0.146	0.02909859
IPI:IPI00005181.1	65.274	5.614	0.329	0.03930845	1	74.989	85.711	77.138	69.561	61.087	60.303	79.279	5.673	63.651	5.134	-0.317	0.02445942
IPI:IPI00005189.1	0.000	0.000	n/a	n/a	2	45.186	44.131	47.618	60.228	60.579	58.363	45.645	1.788	59.723	1.191	0.388	0.00071542
IPI:IPI00005194.1	745.891	18.570	0.133	0.00986591	12	633.321	563.387	642.792	604.750	668.435	618.213	613.167	43.370	630.466	33.564	0.040	0.61644464
IPI:IPI00005198.2	471.703	48.408	-0.385	0.02586935	3	254.258	230.728	268.586	57.020	66.258	70.098	251.191	19.114	64.459	6.723	-1.962	0.00143663
IPI:IPI00005202.2	229.795	6.081	0.235	0.00190545	2	43.285	42.710	41.408	25.720	27.747	27.078	42.468	0.962	26.848	1.033	-0.662	0.00004607
IPI:IPI00005218.1	203.084	11.914	-0.080	0.23022003	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005260.4	35.418	5.801	0.057	0.79150269	6	191.292	187.024	186.025	241.882	242.820	255.124	188.114	2.797	246.609	7.389	0.391	0.00216131
IPI:IPI00005270.8	157.948	13.389	0.379	0.02231632	1	24.401	27.585	27.228	44.174	35.706	43.031	26.405	1.745	40.970	4.594	0.634	0.02085392
IPI:IPI00005367.1	416.506	58.211	0.276	0.20766777	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005401.3	256.478	6.036	-0.959	0.00119255	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005474.5	0.000	0.000	n/a	n/a	2	80.670	90.493	84.111	99.643	89.406	102.496	85.091	4.984	97.182	6.883	0.192	0.07552752
IPI:IPI00005477.3	0.000	0.000	n/a	n/a	1	44.277	46.691	50.222	31.474	24.687	34.158	47.063	2.990	30.106	4.882	-0.645	0.01117998
IPI:IPI00005490.1	179.148	4.519	0.317	0.00070848	5	163.974	169.705	169.140	175.433	184.557	177.800	167.606	3.158	179.263	4.735	0.097	0.02992766
IPI:IPI00005492.2	483.321	27.944	0.332	0.00971027	4	119.962	121.425	132.940	114.858	127.834	124.062	124.776	7.108	122.251	6.675	-0.029	0.67878502
IPI:IPI00005495.3	0.000	0.000	n/a	n/a	1	29.823	27.466	32.785	44.707	47.662	44.735	30.025	2.665	45.701	1.698	0.606	0.00203544
IPI:IPI00005511.1	194.769	5.374	-0.103	0.09578123	6	395.630	432.161	383.335	471.417	411.777	464.486	403.709	25.396	449.227	32.617	0.154	0.13350183
IPI:IPI00005537.2	433.085	29.916	0.148	0.13652391	7	657.797	749.099	623.218	628.939	497.756	610.651	676.705	65.036	579.115	71.050	-0.225	0.15470491
IPI:IPI00005577.5	0.000	0.000	n/a	n/a	1	27.886	28.310	29.879	37.417	33.884	35.661	28.692	1.050	35.654	1.767	0.313	0.00782181
IPI:IPI00005578.1	117.633	13.828	-0.025	0.82640497	16	1,166.310	1,150.920	1,188.400	1,353.480	1,334.120	1,308.600	1,168.543	18.840	1,332.067	22.510	0.189	0.00075082
IPI:IPI00005585.5	13.541	1.684	-0.408	0.04289319	6	159.998	153.319	166.634	234.266	257.031	229.637	159.984	6.658	240.311	14.663	0.587	0.00429325
IPI:IPI00005605.4	277.069	7.364	0.204	0.00349208	6	186.954	172.047	193.184	194.398	208.690	194.703	184.062	10.861	199.264	8.165	0.114	0.13035779
IPI:IPI00005613.3	69.567	4.519	0.073	0.46618369	10	197.833	197.985	194.701	147.229	149.888	152.028	196.840	1.854	149.715	2.404	-0.395	0.00001993
IPI:IPI00005614.6	7,324.060	149.688	-0.144	0.00465448	97	4,232.440	4,320.080	4,257.690	3,447.680	3,488.710	3,475.170	4,270.070	45.113	3,470.520	20.907	-0.299	0.00015948
IPI:IPI00005615.1	549.673	25.981	0.008	0.88547771	6	198.779	181.105	190.492	214.486	226.939	207.762	190.125	8.843	216.396	9.730	0.187	0.02618413
IPI:IPI00005634.3	380.317	11.083	0.220	0.00334305	11	426.276	404.667	435.580	465.354	522.510	466.471	422.174	15.859	484.778	32.681	0.199	0.06119794
IPI:IPI00005648.1	141.974	17.756	0.048	0.71042210	28	1,159.350	1,242.980	1,141.180	1,476.620	1,383.330	1,466.570	1,181.170	54.295	1,442.173	51.207	0.288	0.00379367
IPI:IPI00005651.3	73.088	14.834	0.281	0.28492067	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005657.1	747.064	30.034	0.016	0.71673858	8	309.289	309.780	317.384	233.926	248.980	230.187	312.151	4.539	237.698	9.948	-0.393	0.00180969
IPI:IPI00005658.3	45.682	5.707	0.250	0.19472836	1	62.340	62.130	57.530	69.673	58.736	67.372	60.666	2.718	65.260	5.766	0.105	0.30625946
IPI:IPI00005661.1	0.000	0.000	n/a	n/a	1	91.789	73.755	84.691	2.330	4.769	5.049	83.412	9.085	4.049	1.496	-4.365	0.00357934
IPI:IPI00005666.1	22.148	1.139	0.037	0.67526340	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005667.4	23.704	0.489	0.156	0.10813924	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005670.6	0.000	0.000	n/a	n/a	3	195.300	174.583	202.662	145.707	163.289	145.184	190.848	14.559	151.393	10.305	-0.334	0.02256086
IPI:IPI00005675.3	0.000	0.000	n/a	n/a	20	762.066	791.716	788.873	1,009.270	1,020.970	1,007.490	780.885	16.360	1,012.577	7.323	0.375	0.00032760
IPI:IPI00005677.1	178.134	4.352	0.064	0.14448818	10	319.972	331.590	329.179	377.649	374.977	372.763	326.914	6.131	375.130	2.447	0.198	0.00201675
IPI:IPI00005686.1	0.000	0.000	n/a	n/a	1	63.216	44.189	58.556	40.781	41.849	45.150	55.320	9.917	42.593	2.278	-0.377	0.15042973
IPI:IPI00005688.1	0.000	0.000	n/a	n/a	2	170.288	180.041	166.399	114.973	116.853	112.088	172.243	7.028	114.638	2.400	-0.587	0.00231330
IPI:IPI00005692.1	63.111	8.163	-0.013	0.91727487	1	53.712	46.279	54.613	63.766	79.718	63.345	51.535	4.574	68.943	9.334	0.420	0.06492428
IPI:IPI00005705.1	0.000	0.000	n/a	n/a	1	40.435	35.627	38.202	51.995	57.340	51.658	38.088	2.406	53.664	3.188	0.495	0.00324843

IPI:IPI00005707.6	MRC2	C-type mannose receptor 2	9	378.177	370.814	393.202	320.483	346.230	337.902	380.731	11.410
IPI:IPI00005715.5	UBE4B	Isoform 1 of Ubiquitin conjugation factor E4 B	4	181.842	172.949	177.646	184.775	207.846	190.199	177.479	4.449
IPI:IPI00005719.1	RAB1A	Isoform 1 of Ras-related protein Rab-1A	30	1,581.230	1,567.250	1,561.900	1,781.400	1,858.950	1,833.700	1,570.127	9.981
IPI:IPI00005722.5	FLT3	Tyrosine-protein kinase receptor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005724.1	LANCL1	LanC-like protein 1	4	166.854	152.118	170.767	147.173	176.978	147.022	163.246	9.834
IPI:IPI00005728.2	RER1	RER1 protein	2	124.338	114.550	106.886	72.708	83.522	79.309	115.258	8.748
IPI:IPI00005733.1	TGFBR1	TGF-beta receptor type-1	1	9.188	5.515	8.479	14.461	17.225	15.571	7.727	1.949
IPI:IPI00005737.1	SURF4	Isoform 1 of Surfeit locus protein 4	1	116.295	89.518	98.127	111.559	108.568	116.226	101.313	13.670
IPI:IPI00005740.1	COX4NB	Neighbor of COX4	4	298.102	278.899	290.293	308.974	316.326	324.444	289.098	9.657
IPI:IPI00005745.1	SPTLC1	Serine palmitoyltransferase 1	8	351.631	375.402	362.712	506.101	458.563	490.047	363.248	11.895
IPI:IPI00005751.1	SPTLC2	Serine palmitoyltransferase 2	4	196.112	229.328	197.312	253.423	226.861	239.544	207.584	18.840
IPI:IPI00005760.2	TRAF5	cDNA FLJ55439, highly similar to TNF receptor-associated factor 5	2	143.870	155.981	139.477	129.837	130.684	133.987	146.443	8.547
IPI:IPI00005780.3	OGT	Isoform 3 of UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	5	417.996	407.458	438.865	344.253	362.851	351.483	421.440	15.984
IPI:IPI00005791.1	NDC80	Kinetochore protein NDC80 homolog	1	59.223	64.065	68.939	38.491	32.633	34.986	64.076	4.858
IPI:IPI00005792.2	PABPN1	Isoform 1 of Polyadenylate-binding protein 2	4	263.420	319.971	258.923	344.602	286.494	345.219	280.771	34.022
IPI:IPI00005794.2	PGCP	Putative uncharacterized protein ENSP00000323500	1	92.162	77.107	85.445	62.588	70.128	62.453	84.905	7.542
IPI:IPI00005809.7	SDPR	Serum deprivation-response protein	15	711.893	682.702	706.966	680.580	720.432	704.918	700.520	15.627
IPI:IPI00005811.3	MLH3	Isoform 1 of DNA mismatch repair protein Mlh3	3	189.414	166.401	191.020	184.134	227.518	195.626	182.278	13.774
IPI:IPI00005822.2	CDC23	cell division cycle protein 23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005826.1	HERC2	Probable E3 ubiquitin-protein ligase HERC2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005858.1	LATS1	Isoform 1 of Serine/threonine-protein kinase LATS1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005861.1	PRPF3	Isoform 1 of U4/U6 small nuclear ribonucleoprotein Prp3	8	418.155	417.088	424.834	368.922	373.443	374.463	420.026	4.198
IPI:IPI00005881.3	ATG12	APG12 autophagy 12-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005896.5	FBXO11	Isoform 4 of F-box only protein 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00005904.3	DDX20	Probable ATP-dependent RNA helicase DDX20	2	121.339	120.886	118.521	106.198	111.872	101.699	120.249	1.513
IPI:IPI00005908.2	ADAMTS1	A disintegrin and metalloproteinase with thrombospondin motifs 1	4	61.516	66.423	57.121	302.234	247.583	274.270	61.687	4.653
IPI:IPI00005918.1	AMACR	Alpha-methyl-acyl-CoA racemase	1	39.364	36.813	37.419	35.893	43.585	40.407	37.866	1.333
IPI:IPI00005966.6	NDUFA12	13kDa differentiation-associated protein variant (Fragment)	2	50.940	52.791	52.625	53.139	54.728	59.017	52.119	1.024
IPI:IPI00005969.3	CAPZA1	F-actin-capping protein subunit alpha-1	8	347.682	318.028	351.273	352.220	407.797	361.368	338.994	18.246
IPI:IPI00005978.8	SFRS2	Splicing factor, arginine/serine-rich 2	1	3.406	2.125	2.749	3.189	0.000	4.228	2.760	0.640
IPI:IPI00005979.2	EIF2B4	Isoform 1 of Translation initiation factor eIF-2B subunit delta	3	64.073	86.353	59.398	100.723	59.037	92.945	69.941	14.404
IPI:IPI00005996.1	HMGA2	High mobility group protein HMGI-C	2	83.861	79.508	81.710	61.413	64.335	65.516	81.693	2.176
IPI:IPI00006025.1	SART3	Isoform 1 of Squamous cell carcinoma antigen recognized by T-cells 3	11	328.541	345.871	354.422	366.185	369.041	378.501	342.945	13.186
IPI:IPI00006034.1	CRIP2	Cysteine-rich protein 2	2	124.696	129.707	118.250	146.855	125.794	141.763	124.218	5.743
IPI:IPI00006038.4	NUP98	Isoform 1 of Nuclear pore complex protein Nup98-Nup96	12	850.531	780.765	827.883	783.609	776.173	793.413	819.726	35.591
IPI:IPI00006050.4	FAM115A	Isoform 1 of Protein FAM115A	1	9.438	6.553	6.149	5.795	7.158	5.346	7.380	1.794
IPI:IPI00006052.3	PFDN2	Prefoldin subunit 2	3	242.218	203.479	232.901	214.472	238.036	218.544	226.199	20.220
IPI:IPI00006077.1	PHF16	Protein Jade-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006079.1	BCLAF1	Isoform 1 of Bcl-2-associated transcription factor 1	11	701.388	682.348	713.805	579.340	613.655	609.875	699.180	15.844
IPI:IPI00006084.4	CNNM2	Isoform 1 of Metal transporter CNNM2	3	139.676	120.292	126.973	157.862	176.359	158.463	128.980	9.847
IPI:IPI00006091.2	DMD	Isoform 4 of Dystrophin	2	37.803	41.091	38.403	44.536	34.640	40.190	39.099	1.751
IPI:IPI00006092.1	PMM2	Phosphomannomutase 2	5	413.751	426.599	420.784	458.716	447.524	457.886	420.378	6.434
IPI:IPI00006097.3	LTBR	Tumor necrosis factor receptor superfamily member 3	2	145.970	125.670	136.342	415.892	440.812	422.602	135.994	10.154
IPI:IPI00006099.1	BMS1	Ribosome biogenesis protein BMS1 homolog	4	96.405	104.258	97.962	119.311	103.948	117.761	99.542	4.158
IPI:IPI00006103.1	CD2BP2	CD2 antigen cytoplasmic tail-binding protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006113.1	POLR2I	DNA-directed RNA polymerase II subunit RPB9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006122.5	CTAGE5	Isoform MEA6 of Cutaneous T-cell lymphoma-associated antigen 5	10	553.748	570.363	576.180	642.811	620.658	656.512	566.764	11.641
IPI:IPI00006130.3	KIAA0494	EF-hand domain-containing protein KIAA0494	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006142.3	ARMCX2	Armadillo repeat-containing X-linked protein 2	1	31.293	33.019	31.471	36.995	41.597	44.306	31.928	0.949
IPI:IPI00006153.3	BHLHE41	Class E basic helix-loop-helix protein 41	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006157.1	NSBP1	Nucleosome-binding protein 1	2	48.040	48.439	48.116	46.481	48.806	43.271	48.198	0.212
IPI:IPI00006164.4	ILKAP	Integrin-linked kinase-associated serine/threonine phosphatase 2C	3	262.604	302.726	261.148	273.819	220.806	254.551	275.493	23.596

IPI:IPI00005707.6	334.872	13.138	-0.185	0.01079031	11	411.129	390.423	424.208	343.725	367.117	354.278	408.587	17.035	355.040	11.715	-0.203	0.01438660
IPI:IPI00005715.5	194.273	12.063	0.130	0.12491692	3	131.818	136.525	130.555	119.743	104.078	115.208	132.966	3.146	113.010	8.061	-0.235	0.03662386
IPI:IPI00005719.1	1,824.683	39.553	0.217	0.00549847	32	1,038.890	994.075	1,045.840	1,075.980	1,127.280	1,134.660	1,026.268	28.096	1,112.640	31.962	0.117	0.02522088
IPI:IPI00005722.5	0.000	0.000	n/a	n/a	1	61.871	63.820	68.712	15.351	17.346	16.813	64.801	3.524	16.503	1.033	-1.973	0.00084090
IPI:IPI00005724.1	157.058	17.252	-0.056	0.62601883	1	117.699	88.291	101.320	9.661	11.687	15.222	102.437	14.736	12.190	2.814	-3.071	0.00711242
IPI:IPI00005728.2	78.513	5.451	-0.554	0.00615689	2	92.991	97.255	89.281	54.778	52.535	55.381	93.176	3.990	54.232	1.500	-0.781	0.00129311
IPI:IPI00005733.1	15.752	1.391	1.028	0.00596026	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005737.1	112.118	3.859	0.146	0.30356022	1	7.160	7.523	7.900	5.587	7.850	7.324	7.528	0.370	6.921	1.184	-0.121	0.47386062
IPI:IPI00005740.1	316.581	7.738	0.131	0.02007326	3	116.266	105.413	114.226	97.229	99.705	100.703	111.968	5.768	99.212	1.789	-0.174	0.05140149
IPI:IPI00005745.1	484.904	24.183	0.417	0.00483639	9	521.284	452.978	515.563	576.918	653.924	585.367	496.608	37.893	605.403	42.232	0.286	0.02987934
IPI:IPI00005751.1	239.943	13.285	0.209	0.07918363	3	159.421	204.991	165.348	157.396	128.859	157.828	176.587	24.777	148.028	16.602	-0.255	0.18288363
IPI:IPI00005760.2	131.503	2.193	-0.155	0.08616265	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005780.3	352.862	9.375	-0.256	0.00614451	18	650.431	645.313	651.862	778.160	774.351	780.008	649.202	3.443	777.506	2.885	0.260	0.00000158
IPI:IPI00005791.1	35.370	2.948	-0.857	0.00216053	4	217.711	202.804	211.941	300.149	326.258	293.424	210.819	7.517	306.610	17.344	0.540	0.00448338
IPI:IPI00005792.2	325.438	33.728	0.213	0.18174793	10	583.556	526.148	591.935	369.939	422.058	372.782	567.213	35.809	388.260	29.305	-0.547	0.00297891
IPI:IPI00005794.2	65.056	4.393	-0.384	0.02567983	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005809.7	701.977	20.088	0.003	0.92641927	1	39.725	41.329	43.946	6.476	8.886	8.733	41.666	2.131	8.031	1.350	-2.375	0.00007780
IPI:IPI00005811.3	202.426	22.477	0.151	0.26957629	2	214.995	183.386	225.207	4.982	19.494	16.579	207.863	21.804	13.685	7.676	-3.925	0.00180200
IPI:IPI00005822.2	0.000	0.000	n/a	n/a	3	176.352	176.749	150.244	279.129	245.781	287.520	167.782	15.189	270.810	22.078	0.691	0.00400970
IPI:IPI00005826.1	0.000	0.000	n/a	n/a	3	35.950	35.941	42.433	37.849	51.364	46.678	38.108	3.746	45.297	6.862	0.249	0.20673850
IPI:IPI00005858.1	0.000	0.000	n/a	n/a	1	59.805	63.207	66.791	98.649	97.428	98.961	63.268	3.493	98.346	0.810	0.636	0.00218650
IPI:IPI00005861.1	372.276	2.949	-0.174	0.00017949	32	1,217.610	1,299.430	1,216.650	1,329.420	1,203.860	1,311.240	1,244.563	47.518	1,281.507	67.856	0.042	0.48784412
IPI:IPI00005881.3	0.000	0.000	n/a	n/a	1	84.686	66.110	85.569	79.799	108.054	90.954	78.788	10.989	92.936	14.231	0.238	0.24950553
IPI:IPI00005896.5	0.000	0.000	n/a	n/a	1	38.338	40.626	36.431	77.057	62.613	77.611	38.465	2.100	72.427	8.504	0.913	0.01583691
IPI:IPI00005904.3	106.590	5.098	-0.174	0.03467578	1	25.623	40.771	21.368	57.360	34.378	58.090	29.254	10.198	49.943	13.484	0.772	0.10671147
IPI:IPI00005908.2	274.696	27.328	2.155	0.00450094	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00005918.1	39.961	3.865	0.078	0.45275916	1	31.701	29.626	29.221	22.714	26.036	23.705	30.183	1.330	24.152	1.705	-0.322	0.00978124
IPI:IPI00005966.6	55.628	3.041	0.094	0.17546238	7	351.463	339.086	348.899	362.004	380.789	376.697	346.483	6.533	373.163	9.878	0.107	0.02296014
IPI:IPI00005969.3	373.795	29.800	0.141	0.17462683	10	492.449	489.102	495.713	509.508	526.017	508.111	492.421	3.306	514.545	9.959	0.063	0.04975709
IPI:IPI00005978.8	2.472	2.203	-0.159	0.84576600	7	224.494	236.971	228.536	159.211	159.073	168.983	230.000	6.366	162.422	5.682	-0.502	0.00017777
IPI:IPI00005979.2	84.235	22.166	0.268	0.41171206	3	84.373	77.472	82.678	111.528	121.987	113.566	81.508	3.596	115.694	5.545	0.505	0.00169932
IPI:IPI00005996.1	63.755	2.112	-0.358	0.00052155	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006025.1	371.242	6.446	0.114	0.04659245	23	982.146	962.002	970.700	1,130.010	1,127.470	1,115.400	971.616	10.103	1,124.293	7.806	0.211	0.00005156
IPI:IPI00006034.1	138.137	10.989	0.153	0.14696114	22	1,151.840	1,105.800	1,202.260	464.707	539.894	505.784	1,153.300	48.247	503.462	37.647	-1.196	0.00007793
IPI:IPI00006038.4	784.398	8.647	-0.064	0.22351276	30	1,145.460	1,214.460	1,144.840	1,352.050	1,242.100	1,308.920	1,168.253	40.017	1,301.023	55.399	0.155	0.03254723
IPI:IPI00006050.4	6.100	0.944	-0.275	0.35349801	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006052.3	223.684	12.595	-0.016	0.86612340	13	797.369	804.296	765.162	620.860	638.667	608.619	788.942	20.884	622.715	15.110	-0.341	0.00059920
IPI:IPI00006077.1	0.000	0.000	n/a	n/a	1	41.903	35.534	39.171	38.533	43.801	37.690	38.869	3.195	40.008	3.312	0.042	0.69057931
IPI:IPI00006079.1	600.957	18.816	-0.218	0.00255282	43	2,277.170	2,265.580	2,292.440	1,871.770	1,988.160	1,888.870	2,278.397	13.472	1,916.267	62.846	-0.250	0.00769761
IPI:IPI00006084.4	164.228	10.510	0.349	0.01341225	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006091.2	39.789	4.960	0.025	0.83907000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006092.1	454.709	6.236	0.113	0.00268570	11	446.850	463.149	439.359	400.347	366.571	396.470	449.786	12.164	387.796	18.483	-0.214	0.01193358
IPI:IPI00006097.3	426.435	12.895	1.649	0.00001129	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006099.1	113.673	8.458	0.192	0.08341714	22	424.418	453.351	441.688	481.861	495.739	500.787	439.819	14.557	492.796	9.800	0.164	0.00913397
IPI:IPI00006103.1	0.000	0.000	n/a	n/a	9	545.741	523.742	533.893	584.746	604.467	585.826	534.459	11.010	591.680	11.087	0.147	0.00316755
IPI:IPI00006113.1	0.000	0.000	n/a	n/a	3	99.556	92.758	103.144	101.253	103.402	100.087	98.486	5.275	101.581	1.682	0.045	0.42015835
IPI:IPI00006122.5	639.994	18.092	0.175	0.00672659	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006130.3	0.000	0.000	n/a	n/a	1	26.880	23.804	26.100	25.779	26.213	21.032	25.595	1.599	24.341	2.874	-0.072	0.55535218
IPI:IPI00006142.3	40.966	3.697	0.360	0.04419761	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006153.3	0.000	0.000	n/a	n/a	1	17.546	17.865	17.022	28.466	29.921	26.099	17.478	0.426	28.162	1.929	0.688	0.00826571
IPI:IPI00006157.1	46.186	2.779	-0.062	0.33658888	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006164.4	249.725	26.834	-0.142	0.28161517	8	334.341	327.865	329.992	504.549	509.830	510.077	330.733	3.301	508.152	3.123	0.620	0.00000030

IPI:IPI00006167.1	PPM1G	Protein phosphatase 1G	5	534.296	465.039	546.351	412.895	496.017	450.953	515.229	43.881
IPI:IPI00006171.2	NFRKB	Isoform 2 of Nuclear factor related to kappa-B-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006176.3	HGS	Isoform 1 of Hepatocyte growth factor-regulated tyrosine kinase substrate	12	505.338	539.510	479.992	602.623	542.886	604.993	508.280	29.868
IPI:IPI00006181.1	EIF3D	Eukaryotic translation initiation factor 3 subunit D	13	590.913	580.567	599.131	547.437	589.291	566.295	590.204	9.302
IPI:IPI00006196.3	NUMA1	Isoform 2 of Nuclear mitotic apparatus protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006203.3	ZBED1	Zinc finger BED domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006205.1	SLC33A1	Acetyl-coenzyme A transporter 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006207.2	LRRFIP1	Isoform 2 of Leucine-rich repeat flightless-interacting protein 1	21	1,435.810	1,428.500	1,446.040	1,244.450	1,264.570	1,238.580	1,436.783	8.810
IPI:IPI00006210.2	BIRC5	Isoform 1 of Baculoviral IAP repeat-containing protein 5	1	28.499	27.510	29.462	8.107	10.379	11.126	28.490	0.976
IPI:IPI00006211.4	VAPB	Isoform 1 of Vesicle-associated membrane protein-associated protein B/C	14	880.441	831.318	872.361	847.151	847.028	850.246	861.373	26.340
IPI:IPI00006213.3	PCM1	Isoform 1 of Pericentriolar material 1 protein	2	71.989	69.897	75.877	78.806	91.537	83.115	72.588	3.035
IPI:IPI00006252.3	AIMP1	Multisynthetase complex auxiliary component p43	11	508.470	501.005	511.848	526.499	521.198	552.980	507.108	5.548
IPI:IPI00006283.3	TAOK2	Isoform 2 of Serine/threonine-protein kinase TAO2	4	244.134	244.368	237.047	269.709	259.424	281.691	241.850	4.161
IPI:IPI00006298.2	PPIG	Isoform 1 of Peptidyl-prolyl cis-trans isomerase G	1	5.798	6.004	5.699	7.241	7.908	7.190	5.834	0.156
IPI:IPI00006362.1	EDF1	Isoform 2 of Endothelial differentiation-related factor 1	2	52.744	49.758	49.781	44.838	43.259	41.046	50.761	1.718
IPI:IPI00006372.3	TEX264	Testis-expressed sequence 264 protein	4	163.520	149.840	167.373	109.074	125.699	118.231	160.244	9.214
IPI:IPI00006377.4	POMP	Proteasome maturation protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006378.3	CCDC72	Coiled-coil domain-containing protein 72	4	269.988	264.456	287.910	252.442	269.087	270.453	274.118	12.260
IPI:IPI00006379.1	NOP58	Nucleolar protein 58	15	1,106.710	1,079.760	1,083.430	1,108.020	1,086.650	1,129.830	1,089.967	14.616
IPI:IPI00006408.4	NOSIP	Nitric oxide synthase-interacting protein	3	178.009	193.239	193.218	150.179	157.887	157.242	188.155	8.787
IPI:IPI00006419.7	DPH5	Isoform 2 of Diphthine synthase	3	214.383	233.899	200.132	232.654	218.288	233.800	216.138	16.952
IPI:IPI00006433.6	DNAJC16	Isoform 1 of DnaJ homolog subfamily C member 16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006438.1	ERGIC3	Isoform 1 of Endoplasmic reticulum-Golgi intermediate compartment protein 3	4	315.558	301.334	296.691	307.191	336.773	323.641	304.528	9.831
IPI:IPI00006440.6	MRPS7	28S ribosomal protein S7, mitochondrial	3	195.925	182.340	185.796	178.799	182.632	199.348	188.020	7.060
IPI:IPI00006442.1	COIL	Coilin	1	23.138	21.502	25.938	21.743	22.294	21.564	23.526	2.243
IPI:IPI00006451.6	NSF	Vesicle-fusing ATPase	26	2,003.540	1,979.680	1,947.790	2,073.210	2,099.540	2,117.880	1,977.003	27.971
IPI:IPI00006471.3	MELK	Maternal embryonic leucine zipper kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006482.1	ATP1A1	Isoform Long of Sodium/potassium-transporting ATPase subunit alpha-1	37	2,611.320	2,651.220	2,575.970	3,093.730	2,885.140	2,991.060	2,612.837	37.648
IPI:IPI00006504.3	EIF2B3	Isoform 1 of Translation initiation factor eIF-2B subunit gamma	6	339.921	316.237	360.308	290.603	309.893	284.598	338.822	22.056
IPI:IPI00006516.1	UNG	Isoform 1 of Uracil-DNA glycosylase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006525.3	SIX4	sine oculis homeobox homolog 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006533.2	WIPI2	Isoform 3 of WD repeat domain phosphoinositide-interacting protein 2	4	233.339	253.996	239.924	302.989	302.915	304.944	242.420	10.552
IPI:IPI00006538.1	PTDSS2	Phosphatidylserine synthase 2	1	60.724	54.554	60.777	67.691	65.722	66.224	58.685	3.578
IPI:IPI00006547.4	ITFG1	T-cell immunomodulatory protein	1	51.245	47.767	49.312	100.360	112.344	95.703	49.441	1.742
IPI:IPI00006558.3	SH3GLB1	Isoform 1 of Endophilin-B1	3	399.514	416.371	403.013	416.651	413.714	418.800	406.299	8.896
IPI:IPI00006571.3	TDRD3	Isoform 1 of Tudor domain-containing protein 3	1	11.678	13.562	13.607	13.283	9.554	15.325	12.949	1.101
IPI:IPI00006579.1	COX4I1	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	11	964.332	902.156	998.917	685.473	709.671	697.534	955.135	49.032
IPI:IPI00006586.1	TOX4	TOX high mobility group box family member 4	1	50.801	40.376	48.851	44.376	47.910	48.087	46.676	5.542
IPI:IPI00006606.1	MRPS26	28S ribosomal protein S26, mitochondrial	2	424.602	333.449	336.182	283.010	367.743	448.267	364.744	51.856
IPI:IPI00006608.1	APP	Isoform APP770 of Amyloid beta A4 protein (Fragment)	5	109.998	95.376	100.248	647.431	670.451	667.674	101.874	7.446
IPI:IPI00006615.3	CLPB	Isoform 1 of Caseinolytic peptidase B protein homolog	3	141.895	151.941	130.895	141.551	156.643	146.766	141.577	10.527
IPI:IPI00006658.4	PIN4	protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting, 4	3	212.557	184.723	223.937	107.160	120.913	106.375	207.072	20.174
IPI:IPI00006663.1	ALDH2	Aldehyde dehydrogenase, mitochondrial	9	566.130	571.964	540.100	665.032	675.667	685.875	559.398	16.965
IPI:IPI00006666.1	SLC16A3	Monocarboxylate transporter 4	8	856.474	854.512	811.305	851.489	826.995	813.918	840.764	25.531
IPI:IPI00006672.1	SLC31A1	High affinity copper uptake protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006675.2	ABCC4	Isoform 1 of Multidrug resistance-associated protein 4	5	383.630	373.430	394.837	441.263	453.408	449.297	383.966	10.707
IPI:IPI00006699.2	PRB3	Basic salivary proline-rich protein 3	3	14.021	12.335	9.572	64.523	48.548	55.722	11.976	2.246
IPI:IPI00006702.4	PELP1	cDNA FLJ56414, highly similar to Homo sapiens proline-, glutamic acid-, leucine-rich protein 1 (PELP1), mRNA	3	28.124	29.515	29.649	32.235	34.624	31.096	29.096	0.845
IPI:IPI00006713.1	DNAJC3	Isoform 1 of DnaJ homolog subfamily C member 3	14	926.907	940.072	873.737	1,115.220	1,003.930	1,115.460	913.572	35.121
IPI:IPI00006714.3	PTPN13	Isoform 3 of Tyrosine-protein phosphatase non-receptor type 13	1	46.133	53.733	53.168	51.736	50.333	49.708	51.011	4.235
IPI:IPI00006715.3	RAD21	Double-strand-break repair protein rad21 homolog	2	167.840	157.551	180.095	126.750	156.418	142.912	168.495	11.286

IPI:IPI00006167.1	453.288	41.610	-0.185	0.15096014	23	913.132	896.963	922.507	937.564	959.463	976.247	910.867	12.922	957.758	19.398	0.072	0.03157494
IPI:IPI00006171.2	0.000	0.000	n/a	n/a	1	48.600	58.196	53.371	63.436	62.796	66.592	53.389	4.798	64.275	2.032	0.268	0.04329708
IPI:IPI00006176.3	583.501	35.193	0.199	0.04927111	9	377.867	411.270	373.604	410.199	378.559	405.586	387.580	20.626	398.115	17.092	0.039	0.53493334
IPI:IPI00006181.1	567.674	20.961	-0.056	0.19538432	26	676.043	712.297	696.660	843.745	811.221	838.866	695.000	18.184	831.277	17.540	0.258	0.00073785
IPI:IPI00006196.3	0.000	0.000	n/a	n/a	97	2,875.970	2,976.560	2,913.600	3,329.470	3,289.840	3,285.130	2,922.043	50.824	3,301.480	24.354	0.176	0.00165707
IPI:IPI00006203.3	0.000	0.000	n/a	n/a	1	46.562	42.803	45.004	15.427	16.484	18.439	44.790	1.889	16.783	1.528	-1.416	0.00005150
IPI:IPI00006205.1	0.000	0.000	n/a	n/a	2	110.571	94.834	113.081	78.849	84.083	77.027	106.162	9.890	79.986	3.663	-0.408	0.03222355
IPI:IPI00006207.2	1,249.200	13.631	-0.202	0.00012225	32	1,789.500	1,740.080	1,728.890	1,810.530	1,870.050	1,829.750	1,752.823	32.252	1,836.777	30.376	0.067	0.03061750
IPI:IPI00006210.2	9.871	1.572	-1.529	0.00021421	5	129.326	149.923	122.932	148.876	107.243	143.745	134.060	14.105	133.288	22.701	-0.008	0.96574325
IPI:IPI00006211.4	848.142	1.823	-0.022	0.47698007	26	1,250.670	1,160.540	1,214.180	1,269.770	1,336.340	1,281.250	1,208.463	45.336	1,295.787	35.586	0.101	0.06194508
IPI:IPI00006213.3	84.486	6.475	0.219	0.06791606	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006252.3	533.559	17.027	0.073	0.10343850	31	1,712.190	1,848.300	1,795.080	1,363.490	1,376.460	1,363.810	1,785.190	68.592	1,367.920	7.398	-0.384	0.00834688
IPI:IPI00006283.3	270.275	11.144	0.160	0.03496022	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006298.2	7.446	0.400	0.352	0.01140534	4	135.070	124.452	137.120	163.893	192.766	171.633	132.214	6.800	176.097	14.945	0.413	0.02216296
IPI:IPI00006362.1	43.048	1.905	-0.238	0.00667446	7	413.191	366.072	408.426	214.728	259.143	229.319	395.896	25.938	234.397	22.639	-0.756	0.00134850
IPI:IPI00006372.3	117.668	8.327	-0.446	0.00416741	2	103.761	106.161	102.913	122.931	136.348	127.259	104.278	1.685	128.846	6.848	0.305	0.02001729
IPI:IPI00006377.4	0.000	0.000	n/a	n/a	1	26.428	30.746	27.667	54.642	57.599	56.438	28.280	2.223	56.227	1.490	0.991	0.00014076
IPI:IPI00006378.3	263.994	10.028	-0.054	0.33337914	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006379.1	1,108.167	21.590	0.024	0.30238314	11	462.502	425.819	455.597	445.681	460.482	460.693	447.973	19.494	455.619	8.607	0.024	0.58380935
IPI:IPI00006408.4	155.103	4.276	-0.279	0.01094888	5	136.345	125.081	130.478	166.013	188.672	166.206	130.635	5.634	173.630	13.027	0.410	0.01712891
IPI:IPI00006419.7	228.247	8.644	0.079	0.35150224	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006433.6	0.000	0.000	n/a	n/a	2	179.050	166.646	187.520	205.334	227.242	205.911	177.739	10.499	212.829	12.485	0.260	0.02146073
IPI:IPI00006438.1	322.535	14.822	0.083	0.16603378	11	468.547	428.732	458.086	560.670	571.248	559.477	451.788	20.641	563.798	6.479	0.320	0.00679093
IPI:IPI00006440.6	186.926	10.927	-0.008	0.89289855	9	463.696	444.987	452.037	443.072	463.411	435.435	453.573	9.449	447.306	14.461	-0.020	0.56959462
IPI:IPI00006442.1	21.867	0.380	-0.105	0.32849823	6	313.749	257.803	283.730	339.920	408.734	364.154	285.094	27.998	370.936	34.905	0.380	0.03140443
IPI:IPI00006451.6	2,096.877	22.454	0.085	0.00509397	28	1,557.160	1,591.720	1,550.660	1,586.570	1,581.900	1,574.930	1,566.513	22.070	1,581.133	5.858	0.013	0.37211255
IPI:IPI00006471.3	0.000	0.000	n/a	n/a	1	72.366	93.920	69.630	149.398	114.791	133.556	78.638	13.305	132.582	17.324	0.754	0.01478933
IPI:IPI00006482.1	2,989.977	104.299	0.195	0.01581196	41	2,042.020	2,068.610	1,986.390	2,202.530	2,144.540	2,156.680	2,032.340	41.956	2,167.917	30.584	0.093	0.01306666
IPI:IPI00006504.3	295.031	13.216	-0.200	0.05396604	15	594.579	614.006	606.775	566.373	570.264	565.032	605.120	9.819	567.223	2.718	-0.093	0.01611650
IPI:IPI00006516.1	0.000	0.000	n/a	n/a	2	56.219	60.096	59.751	72.007	59.844	61.602	58.688	2.146	64.484	6.574	0.136	0.26283839
IPI:IPI00006525.3	0.000	0.000	n/a	n/a	1	24.902	23.287	22.682	22.976	24.567	22.340	23.624	1.147	23.294	1.147	-0.020	0.74332322
IPI:IPI00006533.2	303.616	1.151	0.325	0.00916002	1	7.814	6.479	9.274	6.831	6.336	3.973	7.855	1.398	5.713	1.527	-0.459	0.14813798
IPI:IPI00006538.1	66.545	1.023	0.181	0.05333856	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006547.4	102.802	8.585	1.056	0.00671368	2	106.598	106.342	106.342	114.726	123.894	125.192	106.427	0.148	121.271	5.705	0.188	0.04579263
IPI:IPI00006558.3	416.388	2.553	0.035	0.18150149	17	788.061	822.664	775.291	928.084	878.997	920.349	795.339	24.511	909.143	26.392	0.193	0.00554945
IPI:IPI00006571.3	12.721	2.926	-0.026	0.90887141	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006579.1	697.559	12.099	-0.453	0.00873981	17	803.705	845.702	791.774	743.581	618.134	722.835	813.727	28.326	694.850	67.243	-0.228	0.07584099
IPI:IPI00006586.1	46.791	2.093	0.004	0.97572756	2	55.556	61.997	64.024	45.413	45.448	50.418	60.526	4.422	47.093	2.880	-0.362	0.01627368
IPI:IPI00006606.1	366.340	82.637	0.006	0.97980388	4	139.813	160.820	138.056	185.448	156.475	174.400	146.230	12.666	172.108	14.622	0.235	0.08285638
IPI:IPI00006608.1	661.852	12.566	2.700	0.00000340	7	214.040	227.496	225.700	351.313	340.700	334.881	222.412	7.306	342.298	8.332	0.622	0.00005423
IPI:IPI00006615.3	148.320	7.665	0.067	0.42500085	14	482.162	529.574	489.424	573.607	507.316	555.755	500.387	25.536	545.559	34.301	0.125	0.14750064
IPI:IPI00006658.4	111.483	8.176	-0.893	0.00735286	4	324.941	360.664	316.736	231.428	200.628	224.575	334.114	23.356	218.877	16.171	-0.610	0.00331422
IPI:IPI00006663.1	675.525	10.422	0.272	0.00132242	12	392.414	365.979	379.100	268.794	275.642	267.672	379.164	13.218	270.703	4.314	-0.486	0.00244466
IPI:IPI00006666.1	830.801	19.072	-0.017	0.61947544	15	646.063	627.788	657.075	779.878	760.273	767.491	643.642	14.793	769.214	9.915	0.257	0.00054552
IPI:IPI00006672.1	0.000	0.000	n/a	n/a	1	27.299	26.584	32.953	20.176	23.850	22.267	28.945	3.489	22.098	1.843	-0.389	0.05669598
IPI:IPI00006675.2	447.989	6.177	0.222	0.00226250	4	142.447	162.395	151.495	131.789	119.357	137.347	152.112	9.988	129.498	9.211	-0.232	0.04539585
IPI:IPI00006699.2	56.264	8.002	2.232	0.00711899	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006702.4	32.652	1.801	0.166	0.05752184	2	71.195	89.368	69.846	88.923	80.975	81.777	76.803	10.903	83.892	4.375	0.127	0.38330783
IPI:IPI00006713.1	1,078.203	64.323	0.239	0.02845352	13	431.903	426.342	445.822	442.016	434.102	458.758	434.689	10.034	444.959	12.589	0.034	0.33474395
IPI:IPI00006714.3	50.592	1.038	-0.012	0.88165912	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006715.3	142.027	14.854	-0.247	0.07472597	15	458.033	466.600	456.398	422.307	436.064	451.245	460.344	5.479	436.539	14.475	-0.077	0.08999001

IPI:IPI00006721.4	OPA1	Isoform 1 of Dynamin-like 120 kDa protein, mitochondrial	14	893.723	844.466	892.945	876.208	927.800	847.368	877.045	28.217
IPI:IPI00006723.5	SNRNP40	cDNA FLJ56825, highly similar to WD repeat protein 57	2	164.132	152.327	165.900	145.988	151.022	140.376	160.786	7.379
IPI:IPI00006725.2	DDX23	Probable ATP-dependent RNA helicase DDX23	5	336.203	330.480	334.151	313.298	332.400	316.572	333.611	2.899
IPI:IPI00006752.2	MAP4K4	Isoform 1 of Mitogen-activated protein kinase kinase kinase kinase 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006754.1	WDR68	WD repeat-containing protein 68	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006800.3	ATG5	Isoform Long of Autophagy protein 5	1	16.335	19.992	16.006	28.214	22.193	22.602	17.444	2.212
IPI:IPI00006854.1	RASAL2	Ras GTPase-activating protein nGAP	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006863.5	SPAG7	Sperm-associated antigen 7	1	45.496	38.962	44.252	29.549	26.736	30.245	42.904	3.469
IPI:IPI00006864.3	MRPL33	39S ribosomal protein L33, mitochondrial	1	133.772	139.431	134.871	112.710	110.763	116.010	136.025	3.001
IPI:IPI00006865.3	SEC22B	Vesicle-trafficking protein SEC22b	8	306.012	330.305	302.426	416.250	400.429	397.812	312.914	15.167
IPI:IPI00006900.1	UTP3	Something about silencing protein 10	2	115.267	109.264	103.166	113.436	114.495	118.195	109.232	6.051
IPI:IPI00006904.1	AVEN	Cell death regulator Aven	5	310.827	311.747	293.973	315.231	280.260	302.722	305.516	10.007
IPI:IPI00006907.1	C12orf5	Probable fructose-2,6-bisphosphatase TIGAR	4	340.202	325.140	339.362	361.269	355.361	376.154	334.901	8.464
IPI:IPI00006932.4	LUC7L2	cDNA FLJ55988, highly similar to RNA-binding protein Luc7-like 2	6	392.695	390.763	411.338	341.912	351.215	356.918	398.265	11.362
IPI:IPI00006935.3	EIF5A2	Eukaryotic translation initiation factor 5A-2	13	973.972	978.341	980.058	1,020.340	999.022	996.926	977.457	3.138
IPI:IPI00006937.2	UBE2J1	Ubiquitin-conjugating enzyme E2 J1	2	41.646	36.207	36.879	38.184	43.407	44.374	38.244	2.965
IPI:IPI00006952.3	LACTB2	Beta-lactamase-like protein 2	3	98.781	118.377	98.950	90.243	85.051	94.689	105.369	11.265
IPI:IPI00006957.3	DHRS7	Isoform 1 of Dehydrogenase/reductase SDR family member 7	7	318.684	367.754	326.033	422.638	388.649	395.937	337.490	26.465
IPI:IPI00006970.2	MRPS2	Mitochondrial 28S ribosomal protein S2	1	27.980	29.521	32.148	31.855	29.909	29.985	29.883	2.108
IPI:IPI00006979.1	LYRM4	LYR motif-containing protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00006980.1	C14orf166	UPF0568 protein C14orf166	9	674.794	665.090	654.475	653.959	693.450	662.531	664.786	10.163
IPI:IPI00006987.1	DDX24	ATP-dependent RNA helicase DDX24	7	649.222	666.765	606.133	633.617	585.633	626.878	640.707	31.200
IPI:IPI00007001.1	MRPL11	39S ribosomal protein L11, mitochondrial	4	511.516	560.185	498.338	596.789	487.552	588.463	523.346	32.577
IPI:IPI00007019.1	PPIL1	Peptidyl-prolyl cis-trans isomerase-like 1	1	280.084	330.247	277.512	365.636	273.155	366.877	295.948	29.732
IPI:IPI00007024.1	FAM96B	UPF0195 protein FAM96B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007047.1	S100A8	Protein S100-A8	2	167.293	166.171	159.190	196.822	199.977	192.613	164.218	4.390
IPI:IPI00007052.6	FIS1	Mitochondrial fission 1 protein	4	161.931	187.853	152.106	200.214	173.545	188.303	167.297	18.468
IPI:IPI00007058.1	CORO1B	Coronin-1B	2	94.969	86.805	101.235	82.896	112.829	82.570	94.336	7.236
IPI:IPI00007061.1	GOLT1B	Vesicle transport protein GOT1B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007063.5	HDGFRP3	Hepatoma-derived growth factor-related protein 3	3	218.963	192.989	206.592	153.643	177.197	173.527	206.181	12.992
IPI:IPI00007067.5	GLIPR2	Golgi-associated plant pathogenesis-related protein 1	1	41.367	44.057	40.076	41.214	32.377	40.910	41.833	2.031
IPI:IPI00007074.5	YARS	Tyrosyl-tRNA synthetase, cytoplasmic	46	3,509.910	3,372.230	3,474.250	3,633.980	3,806.080	3,672.870	3,452.130	71.456
IPI:IPI00007084.3	SLC25A13	Calcium-binding mitochondrial carrier protein Aralar2	1	44.941	43.311	44.634	52.972	56.113	58.562	44.295	0.866
IPI:IPI00007087.4	FBXO2	F-box only protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007089.1	TINP1	Ribosome biogenesis protein NSA2 homolog	1	40.380	32.286	41.109	28.896	30.819	33.151	37.925	4.897
IPI:IPI00007102.3	GLOD4	Uncharacterized protein C17orf25	15	1,098.370	1,118.710	1,114.340	1,225.570	1,193.630	1,239.160	1,110.473	10.707
IPI:IPI00007110.4	OSGEPL1	Isoform 3 of Probable O-sialoglycoprotein endopeptidase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007117.1	SERPINB2	Plasminogen activator inhibitor 2	12	881.038	1,034.360	861.496	896.808	802.843	868.195	925.631	94.667
IPI:IPI00007118.1	SERPINE1	Plasminogen activator inhibitor 1	5	302.562	284.859	293.457	410.619	408.912	424.354	293.626	8.853
IPI:IPI00007119.3	TUBE1	Tubulin epsilon chain	2	10.138	6.030	8.592	9.151	9.559	12.172	8.253	2.075
IPI:IPI00007133.5	COBLL1	Isoform 3 of Cordon-bleu protein-like 1	17	1,157.100	1,250.530	1,151.030	1,239.290	1,188.410	1,280.690	1,186.220	55.777
IPI:IPI00007138.2	DLGAP4	Isoform 2 of Disks large-associated protein 4	3	151.548	130.284	149.343	116.590	142.838	126.926	143.725	11.692
IPI:IPI00007144.1	RPL26L1	60S ribosomal protein L26-like 1	6	517.309	575.164	523.802	215.606	199.396	215.115	538.758	31.695
IPI:IPI00007146.3	GINS2	DNA replication complex GINS protein PSF2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007155.3	VPS28	Vacuolar protein sorting-associated protein 28 homolog	4	171.488	187.805	176.248	205.708	175.538	198.620	178.514	8.391
IPI:IPI00007163.1	LSM7	U6 snRNA-associated Sm-like protein LSm7	2	151.824	138.196	172.536	115.283	115.902	112.131	154.185	17.291
IPI:IPI00007166.3	IER3IP1	Immediate early response 3-interacting protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007174.5	NAT5	N-acetyltransferase 5	2	73.756	66.258	72.896	79.840	72.095	70.288	70.970	4.103
IPI:IPI00007175.3	NIP7	Isoform 1 of 60S ribosome subunit biogenesis protein NIP7 homolog	1	14.211	18.771	14.378	15.233	11.711	16.054	15.787	2.586
IPI:IPI00007183.1	ATL2	Isoform 2 of Atlastin-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007188.5	SLC25A5	ADP/ATP translocase 2	20	1,908.330	1,859.640	1,864.320	1,724.950	1,665.710	1,640.810	1,877.430	26.862
IPI:IPI00007207.2	LIPA	Isoform 1 of Lysosomal acid lipase/cholesteryl ester hydrolase	5	409.830	435.236	396.012	489.235	436.444	471.519	413.693	19.895
IPI:IPI00007208.4	DDX41	Probable ATP-dependent RNA helicase DDX41	3	239.772	256.791	226.799	279.462	244.586	282.700	241.121	15.041

IPI:IPI00006721.4	883.792	40.749	0.011	0.82680762	30	1,220.950	1,182.830	1,221.790	1,360.570	1,442.700	1,374.720	1,208.523	22.255	1,392.663	43.907	0.205	0.00776705
IPI:IPI00006723.5	145.795	5.326	-0.141	0.05173457	2	94.035	90.994	98.401	148.516	152.827	139.160	94.477	3.723	146.834	6.987	0.636	0.00132887
IPI:IPI00006725.2	320.757	10.215	-0.057	0.15324303	21	805.909	838.029	831.295	1,042.960	995.630	1,019.750	825.078	16.939	1,019.447	23.666	0.305	0.00054472
IPI:IPI00006752.2	0.000	0.000	n/a	n/a	1	105.378	98.105	111.010	87.975	112.299	91.148	104.831	6.470	97.141	13.223	-0.110	0.43425396
IPI:IPI00006754.1	0.000	0.000	n/a	n/a	3	123.690	117.047	128.480	124.870	124.037	119.666	123.072	5.741	122.858	2.795	-0.003	0.95755260
IPI:IPI00006800.3	24.336	3.365	0.480	0.04974350	5	236.537	227.643	234.788	335.117	334.887	325.668	232.989	4.712	331.891	5.390	0.510	0.00002140
IPI:IPI00006854.1	0.000	0.000	n/a	n/a	2	89.974	93.809	95.671	108.885	108.196	122.178	93.151	2.905	113.086	7.881	0.280	0.03582690
IPI:IPI00006863.5	28.843	1.858	-0.573	0.00804831	5	295.069	244.691	292.146	356.584	440.472	383.736	277.302	28.280	393.597	42.805	0.505	0.02251684
IPI:IPI00006864.3	113.161	2.652	-0.265	0.00063749	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006865.3	404.830	9.976	0.372	0.00176686	7	302.133	299.254	307.677	150.939	176.065	162.213	303.021	4.281	163.072	12.585	-0.894	0.00110390
IPI:IPI00006900.1	115.375	2.499	0.079	0.21386936	9	577.220	553.229	573.734	589.888	590.589	579.537	568.061	12.963	586.671	6.188	0.047	0.11506498
IPI:IPI00006904.1	299.404	17.720	-0.029	0.63781333	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006907.1	364.261	10.715	0.121	0.02240551	7	226.114	229.002	229.472	319.390	299.654	320.876	228.196	1.818	313.307	11.847	0.457	0.00549823
IPI:IPI00006932.4	350.015	7.575	-0.186	0.00560290	26	959.146	931.096	965.619	1,114.220	1,124.700	1,087.230	951.954	18.351	1,108.717	19.332	0.220	0.00053088
IPI:IPI00006935.3	1,005.429	12.955	0.041	0.05752782	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006937.2	41.988	3.330	0.135	0.22063168	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00006952.3	89.994	4.824	-0.228	0.12785973	5	249.586	208.921	239.266	222.733	264.348	225.801	232.591	21.138	237.627	23.192	0.031	0.79883012
IPI:IPI00006957.3	402.408	17.895	0.254	0.03027161	5	388.310	382.300	381.598	368.567	353.222	378.217	384.069	3.689	366.669	12.605	-0.067	0.13016141
IPI:IPI00006970.2	30.583	1.102	0.033	0.64556027	2	71.638	62.513	65.095	78.336	94.595	77.568	66.415	4.703	83.500	9.617	0.330	0.07250906
IPI:IPI00006979.1	0.000	0.000	n/a	n/a	1	33.063	27.977	32.849	38.285	47.855	39.018	31.296	2.876	41.719	5.326	0.415	0.05671009
IPI:IPI00006980.1	669.980	20.773	0.011	0.72424468	11	566.900	558.444	552.534	611.440	584.358	610.340	559.293	7.221	602.046	15.328	0.106	0.02469506
IPI:IPI00006987.1	615.376	25.978	-0.058	0.34310214	4	206.516	224.507	184.639	293.011	249.610	270.264	205.221	19.966	270.962	21.709	0.401	0.01837709
IPI:IPI00007001.1	557.601	60.807	0.091	0.45246300	8	512.446	485.666	499.241	557.770	573.445	561.417	499.118	13.390	564.211	8.202	0.177	0.00395764
IPI:IPI00007019.1	335.223	53.756	0.180	0.34622074	4	176.493	174.310	185.278	213.746	222.304	209.324	178.694	5.806	215.125	6.599	0.268	0.00213514
IPI:IPI00007024.1	0.000	0.000	n/a	n/a	3	59.584	60.305	67.003	64.650	70.840	71.029	62.297	4.091	68.840	3.630	0.144	0.10815858
IPI:IPI00007047.1	196.471	3.695	0.259	0.00071743	1	79.147	82.384	85.332	61.546	55.633	56.139	82.288	3.094	57.773	3.277	-0.510	0.00072050
IPI:IPI00007052.6	187.354	13.360	0.163	0.20904509	1	9.753	16.492	7.348	10.778	5.986	10.053	11.198	4.740	8.939	2.583	-0.325	0.52003485
IPI:IPI00007058.1	92.765	17.377	-0.024	0.89534673	11	312.854	309.993	315.332	418.513	410.194	430.111	312.726	2.672	419.606	10.003	0.424	0.00167244
IPI:IPI00007061.1	0.000	0.000	n/a	n/a	1	20.976	24.717	25.381	17.105	16.360	16.060	23.691	2.375	16.508	0.538	-0.521	0.02955572
IPI:IPI00007063.5	168.122	12.673	-0.294	0.02215848	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007067.5	38.167	5.017	-0.132	0.33565447	5	101.765	93.834	99.693	104.398	104.030	105.725	98.431	4.113	104.718	0.892	0.089	0.11222782
IPI:IPI00007074.5	3,704.310	90.255	0.102	0.02111271	38	2,800.350	2,634.290	2,726.880	3,203.180	3,376.280	3,147.850	2,720.507	83.213	3,242.437	119.167	0.253	0.00490593
IPI:IPI00007084.3	55.882	2.802	0.335	0.01289683	14	769.962	791.750	766.940	808.121	767.566	819.957	776.217	13.536	798.548	27.476	0.041	0.29835015
IPI:IPI00007087.4	0.000	0.000	n/a	n/a	5	205.833	177.606	209.347	155.861	186.852	167.006	197.595	17.400	169.906	15.698	-0.218	0.11087519
IPI:IPI00007089.1	30.955	2.131	-0.293	0.11762501	4	149.822	127.118	159.224	210.668	254.859	224.507	145.388	16.506	230.011	22.604	0.662	0.00809259
IPI:IPI00007102.3	1,219.453	23.373	0.135	0.00654148	30	1,315.970	1,403.180	1,312.360	1,259.670	1,176.110	1,220.760	1,343.837	51.425	1,218.847	41.813	-0.141	0.03284346
IPI:IPI00007110.4	0.000	0.000	n/a	n/a	1	29.245	29.843	23.684	25.971	36.402	27.969	27.590	3.396	30.114	5.536	0.126	0.54655360
IPI:IPI00007117.1	855.949	48.165	-0.113	0.33988044	4	262.323	251.431	270.622	0.492	5.410	4.306	261.459	9.625	3.403	2.581	-6.264	0.00020450
IPI:IPI00007118.1	414.628	8.466	0.498	0.00006972	2	163.554	147.244	164.748	97.517	111.146	101.033	158.515	9.780	103.232	7.075	-0.619	0.00199983
IPI:IPI00007119.3	10.294	1.639	0.319	0.25628593	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007133.5	1,236.130	46.221	0.059	0.30089241	1	132.968	142.042	139.588	69.994	67.513	70.323	138.199	4.694	69.277	1.536	-0.996	0.00060151
IPI:IPI00007138.2	128.785	13.222	-0.158	0.21805265	3	106.868	124.097	110.717	65.848	75.111	67.748	113.894	9.043	69.569	4.892	-0.711	0.00457278
IPI:IPI00007144.1	210.039	9.220	-1.359	0.00163456	10	328.828	339.866	313.669	531.401	490.165	499.188	327.454	13.152	506.918	21.678	0.630	0.00073176
IPI:IPI00007146.3	0.000	0.000	n/a	n/a	2	105.336	111.013	114.865	106.880	100.978	103.702	110.405	4.794	103.853	2.954	-0.088	0.12872966
IPI:IPI00007155.3	193.289	15.776	0.115	0.24684519	5	195.745	180.916	194.537	158.466	171.161	177.740	190.399	8.235	169.122	9.797	-0.171	0.04670250
IPI:IPI00007163.1	114.439	2.022	-0.430	0.05587482	6	358.839	321.314	359.863	341.690	386.735	351.472	346.672	21.967	359.966	23.693	0.054	0.51572895
IPI:IPI00007166.3	0.000	0.000	n/a	n/a	1	18.002	14.426	20.062	5.576	8.159	8.317	17.496	2.852	7.351	1.539	-1.251	0.01156266
IPI:IPI00007174.5	74.074	5.075	0.062	0.45889969	1	71.318	66.145	69.484	71.243	81.144	80.369	68.982	2.623	77.585	5.507	0.170	0.09638807
IPI:IPI00007175.3	14.333	2.307	-0.139	0.50820940	5	76.842	69.770	67.006	80.150	71.610	77.216	71.206	5.073	76.325	4.339	0.100	0.25644562
IPI:IPI00007183.1	0.000	0.000	n/a	n/a	10	304.917	281.523	283.370	349.797	356.912	351.923	289.937	13.006	352.877	3.652	0.283	0.00964066
IPI:IPI00007188.5	1,677.157	43.222	-0.163	0.00457270	22	1,143.930	1,203.600	1,154.820	956.958	961.573	970.001	1,167.450	31.777	962.844	6.614	-0.278	0.00615250
IPI:IPI00007207.2	465.733	26.867	0.171	0.05933354	5	343.091	383.699	357.309	273.944	223.374	267.049	361.366	20.606	254.789	27.424	-0.504	0.00711038
IPI:IPI00007208.4	268.916	21.133	0.157	0.14479006	7	516.317	498.847	517.217	632.495	641.522	630.313	510.794	10.356	634.777	5.943	0.314	0.00026057

IPI:IPI00007211.3	KIAA0831	Isoform 1 of Uncharacterized protein KIAA0831	1	21.446	19.034	19.355	24.792	22.264	26.473	19.945	1.310
IPI:IPI00007247.4	PCCB	Propionyl-CoA carboxylase beta chain, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007253.3	KIAA1012	Isoform 1 of Protein TRS85 homolog	2	172.482	148.232	175.465	177.589	196.856	185.257	165.393	14.937
IPI:IPI00007257.4	CLSTN1	Isoform 2 of Calsyntenin-1 (Fragment)	1	23.760	24.013	22.489	29.927	29.223	29.530	23.421	0.817
IPI:IPI00007264.1	HSPB8	Heat shock protein beta-8	4	440.938	399.930	414.062	398.854	441.282	418.780	418.310	20.831
IPI:IPI00007273.3	ZBTB1	Zinc finger and BTB domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007277.2	LRRFIP2	Isoform 1 of Leucine-rich repeat flightless-interacting protein 2	10	480.988	514.996	479.799	479.989	456.747	493.797	491.928	19.987
IPI:IPI00007279.3	PCGF3	cDNA FLJ54810, highly similar to Homo sapiens polycomb group ring finger 3 (PCGF3), mRNA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007280.1	ARPC5	Isoform 2 of Actin-related protein 2/3 complex subunit 5	12	775.500	713.722	743.329	737.989	833.033	786.481	744.184	30.898
IPI:IPI00007283.1	POLR2D	DNA-directed RNA polymerase II subunit RPB4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007304.1	ARIH2	Protein ariadne-2 homolog	3	62.655	61.063	61.541	69.866	72.253	64.397	61.753	0.817
IPI:IPI00007306.1	CFDP1	Isoform 1 of Craniofacial development protein 1	6	280.888	306.007	267.273	286.998	254.499	289.814	284.723	19.650
IPI:IPI00007311.1	MAFG	Transcription factor MafG	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007320.3	TCF25	Transcription factor 25	1	24.666	27.668	27.789	28.642	26.091	25.243	26.708	1.769
IPI:IPI00007321.2	LYPLA1	cDNA FLJ60607, highly similar to Acyl-protein thioesterase 1	5	435.426	380.668	439.738	425.898	505.201	459.580	418.611	32.930
IPI:IPI00007334.1	ACIN1	Isoform 1 of Apoptotic chromatin condensation inducer in the nucleus	13	576.356	580.973	577.036	554.942	556.914	530.000	578.122	2.493
IPI:IPI00007343.1	RNF113A	RING finger protein 113A	1	12.252	13.596	10.864	11.604	12.805	11.155	12.237	1.366
IPI:IPI00007346.1	PPIH	Peptidyl-prolyl cis-trans isomerase H	6	636.509	653.081	638.371	604.600	589.200	600.081	642.654	9.078
IPI:IPI00007347.4	COG5	Isoform 1 of Conserved oligomeric Golgi complex subunit 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007402.3	IPO7	Importin-7	7	407.989	401.882	428.398	338.745	418.580	357.392	412.756	13.886
IPI:IPI00007404.1	ATG7	Isoform 1 of Autophagy-related protein 7	2	45.979	56.521	47.977	54.753	49.520	55.649	50.159	5.600
IPI:IPI00007411.1	AKAP11	A-kinase anchor protein 11	1	69.114	74.718	76.473	104.006	92.303	107.974	73.435	3.844
IPI:IPI00007423.1	ANP32B	Isoform 1 of Acidic leucine-rich nuclear phosphoprotein 32 family member B	3	315.930	399.806	341.120	245.115	194.784	251.877	352.285	43.038
IPI:IPI00007426.1	ARL6IP5	PRA1 family protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007427.2	AGR2	AGR2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007461.4	DPY19L1	Isoform 1 of Protein dpy-19 homolog 1	2	84.272	81.687	89.149	85.675	97.164	92.952	85.036	3.789
IPI:IPI00007611.1	ATP5O	ATP synthase subunit O, mitochondrial	6	644.012	595.029	608.801	624.002	663.230	629.146	615.947	25.261
IPI:IPI00007641.2	IRAK4	Interleukin-1 receptor-associated kinase 4	2	42.195	48.391	41.379	54.835	45.609	57.921	43.989	3.835
IPI:IPI00007672.1	XRCC4	Isoform 1 of DNA repair protein XRCC4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007673.4	CHCHD2	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2, mitochondrial	2	73.784	73.834	78.402	56.126	62.087	62.935	75.340	2.652
IPI:IPI00007675.6	DYNC1LI1	Cytoplasmic dynein 1 light intermediate chain 1	12	1,030.040	892.370	999.639	907.015	1,048.130	944.542	974.016	72.323
IPI:IPI00007676.3	HSD17B12	Estradiol 17-beta-dehydrogenase 12	8	591.143	586.348	588.675	604.696	658.799	578.503	588.722	2.398
IPI:IPI00007682.2	ATP6V1A	V-type proton ATPase catalytic subunit A	5	312.169	378.792	311.859	440.391	323.009	414.086	334.273	38.555
IPI:IPI00007694.5	PPME1	Isoform 1 of Protein phosphatase methylesterase 1	23	1,472.580	1,610.520	1,483.160	1,647.070	1,464.440	1,590.850	1,522.087	76.768
IPI:IPI00007702.1	HSPA2	Heat shock-related 70 kDa protein 2	12	704.688	759.814	697.982	541.401	511.914	545.680	720.828	33.929
IPI:IPI00007722.2	AMPD2	Adenosine monophosphate deaminase 2	4	180.445	185.317	174.853	162.257	179.843	164.638	180.205	5.236
IPI:IPI00007729.1	NOL7	Isoform 1 of Nucleolar protein 7	3	267.985	244.206	253.114	222.790	231.864	218.289	255.102	12.013
IPI:IPI00007731.1	BAG5	BAG family molecular chaperone regulator 5	3	106.570	111.967	115.856	130.106	123.336	135.050	111.464	4.663
IPI:IPI00007736.5	EIF2C1	Protein argonaute-1	1	52.272	59.426	60.533	68.907	72.844	69.208	57.410	4.484
IPI:IPI00007750.1	TUBA4A	Tubulin alpha-4A chain	9	682.327	618.847	655.677	557.382	613.542	568.503	652.284	31.876
IPI:IPI00007752.1	TUBB2C	Tubulin beta-2C chain	2	46.624	55.157	67.145	13.331	19.683	10.960	56.309	10.309
IPI:IPI00007755.3	RAB21	Ras-related protein Rab-21	5	197.263	235.268	203.866	287.906	239.541	287.625	212.132	20.306
IPI:IPI00007756.1	RAB22A	Ras-related protein Rab-22A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007764.4	HN1	Isoform 1 of Hematological and neurological expressed 1 protein	2	44.528	44.918	44.175	32.189	29.901	35.454	44.540	0.372
IPI:IPI00007765.5	HSPA9	Stress-70 protein, mitochondrial	62	3,387.620	3,452.140	3,678.250	3,576.140	3,529.680	3,336.000	3,506.003	152.618
IPI:IPI00007778.1	CTBS	Di-N-acetylchitobiase	3	37.372	51.810	35.775	27.630	23.930	25.124	41.652	8.833
IPI:IPI00007797.3	FABP5L9;FA	Fatty acid-binding protein, epidermal	11	660.328	644.468	635.713	623.671	653.689	660.808	646.836	12.477
IPI:IPI00007811.1	CDK4	Cell division protein kinase 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007812.1	ATP6V1B2	V-type proton ATPase subunit B, brain isoform	10	443.722	490.540	433.814	615.949	528.514	608.409	456.025	30.298
IPI:IPI00007814.3	ATP6V1C1	V-type proton ATPase subunit C 1	11	690.495	718.397	701.490	864.196	844.150	896.950	703.461	14.055
IPI:IPI00007818.3	CPSF3	Cleavage and polyadenylation specificity factor subunit 3	2	69.015	82.950	68.539	87.168	77.703	80.356	73.501	8.186

IPI:IPI00007211.3	24.510	2.119	0.297	0.04354343	1	110.720	123.181	115.673	184.458	156.301	188.525	116.525	6.274	176.428	17.549	0.598	0.01819603
IPI:IPI00007247.4	0.000	0.000	n/a	n/a	4	198.535	182.241	203.532	134.402	144.102	142.050	194.769	11.134	140.185	5.112	-0.474	0.00570673
IPI:IPI00007253.3	186.567	9.700	0.174	0.12049690	2	74.412	81.786	72.683	78.169	70.346	80.278	76.294	4.835	76.264	5.233	-0.001	0.99499704
IPI:IPI00007257.4	29.560	0.353	0.336	0.00198315	3	115.819	110.944	109.827	159.045	167.387	155.858	112.197	3.186	160.763	5.953	0.519	0.00101735
IPI:IPI00007264.1	419.639	21.227	0.005	0.94204446	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007273.3	0.000	0.000	n/a	n/a	2	74.840	68.579	77.606	57.691	73.100	68.198	73.675	4.625	66.330	7.872	-0.152	0.25201531
IPI:IPI00007277.2	476.844	18.724	-0.045	0.39443632	8	257.517	268.195	250.370	347.100	339.897	359.547	258.694	8.971	348.848	9.941	0.431	0.00032763
IPI:IPI00007279.3	0.000	0.000	n/a	n/a	1	62.237	66.134	59.416	117.088	81.666	95.749	62.596	3.373	98.168	17.834	0.649	0.06985060
IPI:IPI00007280.1	785.834	47.525	0.079	0.28279489	3	195.689	168.032	180.745	209.184	230.569	234.378	181.489	13.843	224.710	13.580	0.308	0.01816538
IPI:IPI00007283.1	0.000	0.000	n/a	n/a	2	45.801	43.438	39.588	43.961	43.458	42.555	42.942	3.136	43.325	0.713	0.013	0.85464103
IPI:IPI00007304.1	68.839	4.027	0.157	0.08753307	5	75.826	77.539	69.373	107.998	104.345	104.712	74.246	4.306	105.685	2.012	0.509	0.00185978
IPI:IPI00007306.1	277.104	19.627	-0.039	0.65945797	3	315.696	401.600	302.644	431.775	311.367	380.986	339.980	53.762	374.709	60.449	0.140	0.49910359
IPI:IPI00007311.1	0.000	0.000	n/a	n/a	1	38.188	35.680	35.080	57.290	60.337	64.604	36.316	1.649	60.744	3.674	0.742	0.00257936
IPI:IPI00007320.3	26.659	1.769	-0.003	0.97554631	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007321.2	463.560	39.801	0.147	0.20871404	3	235.308	235.801	236.395	240.213	281.112	246.400	235.835	0.544	255.908	22.045	0.118	0.25576892
IPI:IPI00007334.1	547.285	15.002	-0.079	0.06702733	46	1,652.630	1,638.120	1,660.060	1,514.400	1,502.960	1,509.160	1,650.270	11.159	1,508.840	5.727	-0.129	0.00030338
IPI:IPI00007343.1	11.854	0.853	-0.046	0.70742391	6	187.364	173.995	178.712	205.957	203.024	211.644	180.024	6.780	206.875	4.383	0.201	0.00718135
IPI:IPI00007346.1	597.960	7.916	-0.104	0.00323217	10	313.569	364.476	291.618	447.973	353.062	424.924	323.221	37.376	408.653	49.503	0.338	0.08041023
IPI:IPI00007347.4	0.000	0.000	n/a	n/a	1	70.606	70.717	67.194	43.232	49.915	46.905	69.506	2.003	46.684	3.347	-0.574	0.00140318
IPI:IPI00007402.3	371.572	41.764	-0.152	0.22400994	10	347.491	394.877	356.101	313.683	296.027	306.406	366.156	25.243	305.372	8.873	-0.262	0.04085694
IPI:IPI00007404.1	53.308	3.311	0.088	0.46089909	3	69.326	73.398	67.721	93.082	72.268	86.407	70.148	2.927	83.919	10.627	0.259	0.14615717
IPI:IPI00007411.1	101.428	8.147	0.466	0.01439723	1	33.103	34.223	34.237	49.631	41.017	45.990	33.854	0.651	45.546	4.324	0.428	0.04023410
IPI:IPI00007423.1	230.592	31.194	-0.611	0.01984927	9	373.590	358.908	377.220	362.322	375.468	382.449	369.906	9.696	373.413	10.220	0.014	0.68921364
IPI:IPI00007426.1	0.000	0.000	n/a	n/a	1	38.522	38.428	42.842	36.520	33.203	34.550	39.930	2.522	34.758	1.668	-0.200	0.04959046
IPI:IPI00007427.2	0.000	0.000	n/a	n/a	17	448.235	442.731	408.060	508.036	496.411	516.430	433.009	21.781	506.959	10.053	0.227	0.01507739
IPI:IPI00007461.4	91.930	5.812	0.112	0.17219322	4	317.463	283.974	326.436	271.759	340.463	275.890	309.291	22.379	296.037	38.529	-0.063	0.63992707
IPI:IPI00007611.1	638.793	21.319	0.053	0.29964530	12	815.533	761.574	810.831	637.595	718.648	658.336	795.979	29.888	671.526	42.106	-0.245	0.01731540
IPI:IPI00007641.2	52.788	6.406	0.263	0.12636627	1	47.658	43.326	48.927	43.738	51.239	49.841	46.637	2.937	48.273	3.989	0.050	0.60234209
IPI:IPI00007672.1	0.000	0.000	n/a	n/a	3	102.968	115.003	105.083	102.671	91.370	100.775	107.685	6.425	98.272	6.052	-0.132	0.13887148
IPI:IPI00007673.4	60.383	3.711	-0.319	0.00645582	2	106.343	129.462	102.201	74.931	53.707	72.472	112.669	14.690	67.037	11.609	-0.749	0.01506027
IPI:IPI00007675.6	966.562	73.089	-0.011	0.90700303	10	445.630	400.848	449.385	417.411	451.299	425.583	431.954	27.004	431.431	17.685	-0.002	0.97918750
IPI:IPI00007676.3	613.999	40.948	0.061	0.39711233	5	280.231	231.138	276.952	150.186	173.726	150.226	262.774	27.446	158.046	13.579	-0.733	0.01034085
IPI:IPI00007682.2	392.495	61.597	0.232	0.25050603	5	187.444	170.346	190.340	111.853	134.917	116.117	182.710	10.805	120.962	12.272	-0.595	0.00299209
IPI:IPI00007694.5	1,567.453	93.536	0.042	0.55282547	12	603.945	575.190	606.505	585.314	629.096	601.727	595.213	17.388	605.379	22.118	0.024	0.56721684
IPI:IPI00007702.1	532.998	18.384	-0.436	0.00317372	9	369.055	356.431	355.105	370.474	366.638	350.790	360.197	7.700	362.634	10.435	0.010	0.76414439
IPI:IPI00007722.2	168.913	9.541	-0.093	0.16706631	1	40.154	39.440	38.832	55.370	53.718	52.505	39.475	0.662	53.864	1.438	0.448	0.00079507
IPI:IPI00007729.1	224.314	6.915	-0.186	0.02781181	4	163.017	174.916	157.387	193.197	183.776	187.524	165.107	8.949	188.166	4.743	0.189	0.02839422
IPI:IPI00007731.1	129.497	5.881	0.216	0.01575636	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007736.5	70.319	2.191	0.293	0.02224936	2	76.948	81.938	76.644	90.511	85.341	102.642	78.510	2.972	92.831	8.881	0.242	0.09576332
IPI:IPI00007750.1	579.809	29.738	-0.170	0.04531068	7	403.983	381.185	409.184	332.767	371.099	349.366	398.117	14.893	351.077	19.223	-0.181	0.03139747
IPI:IPI00007752.1	14.658	4.510	-1.942	0.01009119	11	191.927	202.890	191.813	160.696	165.743	172.400	195.543	6.363	166.280	5.870	-0.234	0.00434927
IPI:IPI00007755.3	271.691	27.843	0.357	0.04509546	5	371.704	394.570	362.424	509.367	463.897	487.873	376.233	16.545	487.046	22.746	0.372	0.00333852
IPI:IPI00007756.1	0.000	0.000	n/a	n/a	1	18.556	18.940	19.168	4.816	6.827	6.721	18.888	0.309	6.121	1.132	-1.626	0.00144330
IPI:IPI00007764.4	32.514	2.791	-0.454	0.01615965	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007765.5	3,480.607	127.369	-0.010	0.83616073	309	9,189.420	9,034.890	9,137.610	10,717.300	10,920.400	10,674.500	9,120.640	78.650	10,770.733	131.370	0.240	0.00019592
IPI:IPI00007778.1	25.561	1.888	-0.704	0.08168144	6	319.923	276.664	320.231	285.492	334.924	300.776	305.606	25.065	307.064	25.309	0.007	0.94868855
IPI:IPI00007797.3	646.056	19.710	-0.002	0.95780874	25	737.779	741.460	705.298	881.317	845.957	870.758	728.179	19.901	866.011	18.152	0.250	0.00093430
IPI:IPI00007811.1	0.000	0.000	n/a	n/a	1	98.845	88.595	102.172	16.341	24.797	20.982	96.537	7.077	20.707	4.235	-2.221	0.00033031
IPI:IPI00007812.1	584.291	48.451	0.358	0.02459250	6	295.308	296.251	307.408	337.276	353.402	349.511	299.656	6.730	346.730	8.415	0.211	0.00197406
IPI:IPI00007814.3	868.432	26.654	0.304	0.00237921	9	373.110	333.656	386.298	304.864	324.994	314.420	364.355	27.391	314.759	10.069	-0.211	0.07443916
IPI:IPI00007818.3	81.742	4.882	0.153	0.22407314	5	131.337	152.743	142.124	135.640	124.539	135.672	142.068	10.703	131.950	6.418	-0.107	0.24780348

IPI:IPI00007819.1	TRAPPC2L	Isoform 1 of Trafficking protein particle complex subunit 2-like protein	1	45.616	46.673	40.621	50.864	57.591	54.870	44.303	3.232
IPI:IPI00007847.1	UBE2V1	Isoform 4 of Ubiquitin-conjugating enzyme E2 variant 1	7	242.567	258.838	250.218	206.851	197.488	216.355	250.541	8.140
IPI:IPI00007853.1	IFI30	Gamma-interferon-inducible lysosomal thiol reductase	1	121.137	115.034	112.683	100.447	103.584	99.381	116.285	4.364
IPI:IPI00007909.6	RABAC1	Prenylated Rab acceptor protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007913.1	ARHGAP26	Isoform 1 of Rho GTPase-activating protein 26	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007919.1	SARM1	Isoform 2 of Sterile alpha and TIR motif-containing protein 1	2	139.197	157.167	145.494	183.518	163.080	175.275	147.286	9.118
IPI:IPI00007927.4	SMC2	Isoform 1 of Structural maintenance of chromosomes protein 2	15	1,204.780	1,172.030	1,217.450	996.820	1,014.670	1,019.340	1,198.087	23.438
IPI:IPI00007928.4	PRPF8	Pre-mRNA-processing-splicing factor 8	23	1,848.700	1,784.970	1,800.950	1,671.290	1,716.790	1,663.630	1,811.540	33.159
IPI:IPI00007935.5	PDLIM5	PDZ and LIM domain protein 5	36	2,895.090	2,790.050	2,777.240	2,868.770	2,877.240	2,837.920	2,820.793	64.661
IPI:IPI00007940.6	ERLIN1	ER lipid raft associated 1	4	254.791	311.981	252.667	341.164	242.465	318.075	273.146	33.649
IPI:IPI00007941.4	HEXIM1	Protein HEXIM1	1	51.513	44.979	50.566	44.406	49.397	41.179	49.019	3.531
IPI:IPI00007943.1	STAMBP	STAM-binding protein	3	120.840	123.579	127.388	134.061	141.703	135.520	123.936	3.289
IPI:IPI00007947.1	POLR3G	DNA-directed RNA polymerase III subunit RPC7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00007955.6	TRIM16	Isoform 1 of Tripartite motif-containing protein 16	7	192.405	211.068	204.820	267.473	272.709	274.546	202.764	9.500
IPI:IPI00007956.4	TXNIP	Thioredoxin-interacting protein	7	277.572	292.274	265.436	275.842	252.947	263.492	278.427	13.439
IPI:IPI00007979.4	MT-ND2	NADH-ubiquinone oxidoreductase chain 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008034.1	RAB23	Ras-related protein Rab-23	8	700.335	785.558	733.847	864.031	751.396	837.955	739.913	42.934
IPI:IPI00008085.5	SLC39A10	Zinc transporter ZIP10	1	50.081	48.948	54.590	56.418	64.666	55.011	51.206	2.985
IPI:IPI00008164.2	PREP	Prolyl endopeptidase	24	1,053.160	1,153.280	1,119.960	1,251.300	1,243.330	1,245.870	1,108.800	50.984
IPI:IPI00008167.1	ATP1B3	Sodium/potassium-transporting ATPase subunit beta-3	10	917.635	896.464	898.998	1,188.510	1,194.310	1,225.070	904.366	11.561
IPI:IPI00008207.7	MAN1B1	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase	2	76.416	63.507	78.310	84.770	93.228	86.637	72.744	8.056
IPI:IPI00008214.4	NDUFV3	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial	1	99.571	83.748	95.352	66.359	80.611	79.932	92.890	8.194
IPI:IPI00008215.1	ME1	NADP-dependent malic enzyme	3	91.649	83.171	84.888	116.066	117.747	115.682	86.569	4.482
IPI:IPI00008219.1	RAD23A	UV excision repair protein RAD23 homolog A	7	246.574	237.759	246.107	214.457	212.673	205.307	243.480	4.960
IPI:IPI00008223.3	RAD23B	UV excision repair protein RAD23 homolog B	11	825.611	812.599	786.716	766.762	811.280	777.566	808.309	19.799
IPI:IPI00008234.3	CYB5R2	Isoform 1 of NADH-cytochrome b5 reductase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008240.2	MARS	Methionyl-tRNA synthetase, cytoplasmic	15	909.525	948.526	858.520	978.399	877.262	982.798	905.524	45.136
IPI:IPI00008247.2	ANAPC5	Isoform 1 of Anaphase-promoting complex subunit 5	1	22.902	24.653	19.327	17.358	18.571	21.868	22.294	2.714
IPI:IPI00008248.4	ANAPC7	anaphase-promoting complex subunit 7 isoform a	2	66.081	72.918	64.382	70.943	60.198	67.024	67.794	4.518
IPI:IPI00008255.3	AZI2	Isoform 1 of 5-azacytidine-induced protein 2	1	59.764	53.931	60.466	59.078	60.010	57.053	58.054	3.587
IPI:IPI00008274.7	CAP1	Isoform 1 of Adenylyl cyclase-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008289.5	BRCC3	Isoform 2 of Lys-63-specific deubiquitinase BRCC36	3	178.621	214.949	183.218	243.351	200.833	247.596	192.263	19.781
IPI:IPI00008290.3	EPHA5	Ephrin receptor	4	233.235	220.849	234.254	238.512	249.155	243.529	229.446	7.463
IPI:IPI00008303.5	NAGPA	Isoform 1 of N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008315.4	EPHB1	Isoform 1 of Ephrin type-B receptor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008338.1	ABCC1	Isoform 2 of Multidrug resistance-associated protein 1	2	110.010	123.222	110.563	116.734	114.787	116.875	114.598	7.473
IPI:IPI00008380.1	PPP2CA	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008418.6	DIABLO	Diablo homolog, mitochondrial precursor	2	48.194	73.833	53.727	49.889	31.910	44.152	58.584	13.492
IPI:IPI00008422.5	SMARCAD1	Isoform 2 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008433.4	RPS5	40S ribosomal protein S5	8	362.901	352.864	396.732	350.772	396.118	369.363	370.832	22.984
IPI:IPI00008437.7	RSL24D1	Probable ribosome biogenesis protein RLP24	1	14.382	14.709	14.139	14.089	14.881	14.043	14.410	0.286
IPI:IPI00008438.1	RPS10	40S ribosomal protein S10	6	435.828	381.990	436.979	362.556	446.538	402.339	418.266	31.421
IPI:IPI00008454.1	DNAJB11	DnaJ homolog subfamily B member 11	13	815.082	762.463	797.371	843.687	903.442	878.779	791.639	26.774
IPI:IPI00008455.1	MYO6	Isoform 2 of Myosin-VI	11	685.299	741.814	666.147	828.086	729.010	798.602	697.753	39.341
IPI:IPI00008475.1	HMGCS1	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	5	256.855	230.849	253.158	811.570	887.355	838.944	246.954	14.069
IPI:IPI00008477.1	TPX2	Targeting protein for Xklp2	1	114.700	99.997	116.649	31.744	36.213	38.536	110.449	9.104
IPI:IPI00008485.1	ACO1	Cytoplasmic aconitate hydratase	14	688.281	656.540	698.825	1,052.850	1,154.790	1,090.970	681.215	22.010
IPI:IPI00008494.4	ICAM1	Intercellular adhesion molecule 1	2	10.030	10.163	15.988	13.811	13.948	13.669	12.060	3.402
IPI:IPI00008524.1	PABPC1	Isoform 1 of Polyadenylate-binding protein 1	30	2,112.270	2,119.470	2,091.850	1,737.270	1,738.480	1,721.990	2,107.863	14.328
IPI:IPI00008527.3	RPLP1	60S acidic ribosomal protein P1	6	705.777	726.140	743.412	639.287	626.239	604.866	725.110	18.839
IPI:IPI00008528.4	MT-ATP6;MT	ATP synthase protein 8	3	75.112	102.231	92.874	120.908	149.553	87.662	90.072	13.775

IPI:IPI00007819.1	54.442	3.384	0.297	0.02000926	3	174.742	162.202	165.528	109.354	104.873	111.556	167.491	6.496	108.594	3.406	-0.625	0.00077785
IPI:IPI00007847.1	206.898	9.434	-0.276	0.00399210	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007853.1	101.137	2.185	-0.201	0.01326738	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007909.6	0.000	0.000	n/a	n/a	1	78.427	76.406	76.944	111.893	117.610	102.917	77.259	1.046	110.807	7.406	0.520	0.01446732
IPI:IPI00007913.1	0.000	0.000	n/a	n/a	1	40.042	37.971	38.930	94.009	74.992	93.655	38.981	1.036	87.552	10.879	1.167	0.01563799
IPI:IPI00007919.1	173.958	10.282	0.240	0.02890383	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007927.4	1,010.277	11.885	-0.246	0.00121030	29	1,497.910	1,472.000	1,484.990	2,006.170	2,022.050	1,954.290	1,484.967	12.955	1,994.170	35.438	0.425	0.00051233
IPI:IPI00007928.4	1,683.903	28.737	-0.105	0.00769243	33	1,530.990	1,549.640	1,561.120	1,350.010	1,379.260	1,359.470	1,547.250	15.207	1,362.913	14.926	-0.183	0.00011682
IPI:IPI00007935.5	2,861.310	20.694	0.021	0.39435729	5	308.993	258.673	326.250	186.293	227.920	195.462	297.972	35.111	203.225	21.872	-0.552	0.02331016
IPI:IPI00007940.6	300.568	51.626	0.138	0.49119402	21	905.321	1,072.530	902.304	1,492.800	1,133.720	1,378.220	960.052	97.421	1,334.913	183.415	0.476	0.05119189
IPI:IPI00007941.4	44.994	4.140	-0.124	0.27110240	5	82.133	85.377	83.840	88.150	87.756	92.492	83.783	1.623	89.466	2.628	0.095	0.04307282
IPI:IPI00007943.1	137.095	4.057	0.146	0.01322334	5	145.314	151.418	147.615	158.447	146.876	160.014	148.116	3.083	155.112	7.176	0.067	0.22802595
IPI:IPI00007947.1	0.000	0.000	n/a	n/a	1	18.646	17.673	19.659	21.745	19.927	21.641	18.659	0.993	21.104	1.021	0.178	0.04104309
IPI:IPI00007955.6	271.576	3.670	0.422	0.00262492	5	170.404	179.135	167.885	217.187	196.052	211.746	172.475	5.904	208.328	10.974	0.272	0.01474172
IPI:IPI00007956.4	264.094	11.459	-0.076	0.23423050	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00007979.4	0.000	0.000	n/a	n/a	1	209.688	206.921	217.885	40.391	49.808	46.529	211.498	5.702	45.576	4.780	-2.214	0.00000370
IPI:IPI00008034.1	817.794	58.962	0.144	0.14506147	6	362.063	359.193	364.775	196.163	237.151	210.906	362.010	2.791	214.740	20.761	-0.753	0.00584514
IPI:IPI00008085.5	58.698	5.216	0.197	0.11463570	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00008164.2	1,246.833	4.071	0.169	0.04205190	9	418.482	403.713	425.458	279.488	309.628	292.940	415.884	11.103	294.019	15.099	-0.500	0.00056015
IPI:IPI00008167.1	1,202.630	19.649	0.411	0.00011203	6	254.730	257.157	250.530	176.942	163.115	177.118	254.139	3.353	172.392	8.034	-0.560	0.00094617
IPI:IPI00008207.7	88.212	4.444	0.278	0.05915475	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00008214.4	75.634	8.040	-0.296	0.05996362	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00008215.1	116.498	1.098	0.428	0.00516553	12	422.797	455.146	414.305	627.854	544.965	616.540	430.749	21.551	596.453	44.947	0.470	0.01171045
IPI:IPI00008219.1	210.812	4.850	-0.208	0.00124869	1	100.747	101.379	99.276	67.271	70.355	70.908	100.467	1.079	69.511	1.960	-0.531	0.00012464
IPI:IPI00008223.3	785.203	23.221	-0.042	0.26158400	8	501.301	487.879	480.849	429.492	424.157	419.545	490.010	10.391	424.398	4.978	-0.207	0.00266142
IPI:IPI00008234.3	0.000	0.000	n/a	n/a	2	135.863	127.765	128.584	184.603	188.697	175.808	130.737	4.458	183.036	6.586	0.485	0.00067744
IPI:IPI00008240.2	946.153	59.702	0.063	0.40440008	27	913.807	855.958	863.996	1,289.260	1,300.310	1,249.320	877.920	31.338	1,279.630	26.824	0.544	0.00008673
IPI:IPI00008247.2	19.266	2.333	-0.211	0.21874452	3	201.770	192.540	210.421	235.250	248.410	247.047	201.577	8.942	243.569	7.237	0.273	0.00369800
IPI:IPI00008248.4	66.055	5.437	-0.037	0.69367684	6	220.858	237.811	232.719	265.790	258.597	269.179	230.463	8.699	264.522	5.404	0.199	0.00767465
IPI:IPI00008255.3	58.714	1.512	0.016	0.79055513	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00008274.7	0.000	0.000	n/a	n/a	73	4,726.470	4,578.130	4,587.840	4,029.150	3,986.450	3,984.910	4,630.813	82.983	4,000.170	25.109	-0.211	0.00320385
IPI:IPI00008289.5	230.593	25.860	0.262	0.11596188	2	92.892	92.886	96.108	104.080	100.519	103.519	93.962	1.859	102.706	1.915	0.128	0.00477032
IPI:IPI00008290.3	243.732	5.324	0.087	0.06047608	1	84.535	96.088	91.063	17.835	15.643	17.655	90.562	5.793	17.045	1.217	-2.410	0.00141371
IPI:IPI00008303.5	0.000	0.000	n/a	n/a	1	146.346	133.209	153.440	168.784	207.870	177.405	144.332	10.265	184.686	20.535	0.356	0.05750675
IPI:IPI00008315.4	0.000	0.000	n/a	n/a	2	107.316	108.639	118.931	142.128	133.458	134.992	111.629	6.359	136.859	4.627	0.294	0.00669323
IPI:IPI00008338.1	116.132	1.167	0.019	0.75894648	13	581.272	626.598	593.584	785.658	732.389	764.194	600.485	23.438	760.747	26.801	0.341	0.00157653
IPI:IPI00008380.1	0.000	0.000	n/a	n/a	7	273.272	289.632	277.959	408.278	346.772	402.390	280.288	8.425	385.813	33.939	0.461	0.02709059
IPI:IPI00008418.6	41.984	9.184	-0.481	0.16285627	5	134.864	129.582	140.447	127.289	143.805	130.965	134.964	5.433	134.020	8.671	-0.010	0.88225939
IPI:IPI00008422.5	0.000	0.000	n/a	n/a	2	52.788	51.973	54.154	70.233	67.396	74.598	52.972	1.102	70.742	3.628	0.417	0.00886219
IPI:IPI00008433.4	372.084	22.795	0.005	0.95009525	16	879.253	819.740	898.517	777.596	856.937	788.059	865.837	41.066	807.531	43.106	-0.101	0.16540646
IPI:IPI00008437.7	14.338	0.471	-0.007	0.83383303	7	240.210	258.398	236.222	336.466	303.974	325.620	244.943	11.821	322.020	16.542	0.395	0.00392950
IPI:IPI00008438.1	403.811	42.010	-0.051	0.66074093	2	113.455	94.165	105.318	99.237	111.815	106.992	104.313	9.684	106.015	6.346	0.023	0.81383339
IPI:IPI00008454.1	875.303	30.029	0.145	0.02324646	25	831.468	844.475	843.202	700.591	677.825	698.099	839.715	7.170	692.172	12.487	-0.279	0.00027217
IPI:IPI00008455.1	785.233	50.873	0.170	0.08228517	22	886.728	996.551	880.762	1,258.590	1,062.750	1,233.000	921.347	65.197	1,184.780	106.453	0.363	0.02990378
IPI:IPI00008475.1	845.956	38.376	1.776	0.00041905	4	143.726	124.352	146.254	157.504	196.803	170.811	138.111	11.982	175.039	19.988	0.342	0.06469260
IPI:IPI00008477.1	35.498	3.452	-1.638	0.00197630	33	1,733.070	1,582.000	1,784.040	1,090.130	1,202.720	1,118.590	1,699.703	105.072	1,137.147	58.544	-0.580	0.00335605
IPI:IPI00008485.1	1,099.537	51.507	0.691	0.00164107	13	753.551	669.966	758.264	679.187	747.543	676.578	727.260	49.674	701.103	40.240	-0.053	0.51963893
IPI:IPI00008494.4	13.809	0.140	0.195	0.46852090	46	1,929.670	1,868.560	1,970.980	1,831.140	1,974.230	1,865.040	1,923.070	51.528	1,890.137	74.773	-0.025	0.56895581
IPI:IPI00008524.1	1,732.580	9.191	-0.283	0.00001326	35	1,448.070	1,440.560	1,422.370	1,213.930	1,193.230	1,234.310	1,437.000	13.215	1,213.823	20.540	-0.244	0.00025821
IPI:IPI00008527.3	623.464	17.377	-0.218	0.00242320	2	72.151	62.800	72.035	74.818	62.770	77.868	68.995	5.366	71.818	7.983	0.058	0.64306942
IPI:IPI00008528.4	119.374	30.974	0.406	0.23889485	3	58.539	68.132	57.940	49.280	50.371	43.449	61.537	5.719	47.700	3.721	-0.367	0.03153367

IPI:IPI00008529.1	RPLP2	60S acidic ribosomal protein P2	12	733.674	848.535	740.350	833.236	665.732	757.706	774.186	64.474
IPI:IPI00008530.1	RPLP0	60S acidic ribosomal protein P0	25	2,529.320	2,596.860	2,447.340	2,497.930	2,519.770	2,548.480	2,524.507	74.876
IPI:IPI00008531.1	RCOR1	REST corepressor 1	2	87.950	84.706	90.484	56.729	57.888	59.124	87.713	2.896
IPI:IPI00008536.3	YEATS4	YEATS domain-containing protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008552.6	GLRX3	Glutaredoxin-3	17	1,339.400	1,386.960	1,315.360	1,519.680	1,420.150	1,497.380	1,347.240	36.438
IPI:IPI00008557.5	IGF2BP1	Insulin-like growth factor 2 mRNA-binding protein 1	11	724.427	735.163	709.723	798.166	772.086	823.787	723.104	12.771
IPI:IPI00008569.1	YKT6	Synaptobrevin homolog YKT6	4	257.315	278.321	252.555	309.621	278.448	321.430	262.730	13.710
IPI:IPI00008570.1	KHDRBS3	Isoform 1 of KH domain-containing, RNA-binding, signal transduction-associated protein 3	2	190.258	209.295	192.085	188.200	157.766	181.772	197.213	10.503
IPI:IPI00008575.3	KHDRBS1	Isoform 1 of KH domain-containing, RNA-binding, signal transduction-associated protein 1	14	1,230.300	1,176.540	1,219.870	993.623	1,039.970	1,028.460	1,208.903	28.509
IPI:IPI00008603.1	ACTA2	Actin, aortic smooth muscle	171	5,469.450	6,024.370	6,287.240	5,523.440	5,587.590	5,411.650	5,927.020	417.496
IPI:IPI00008613.3	IFI35	Isoform 1 of Interferon-induced 35 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008616.3	SLC12A7	Isoform 1 of Solute carrier family 12 member 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008708.5	RSL1D1	Ribosomal L1 domain-containing protein 1	13	945.148	899.432	952.388	759.101	825.343	786.446	932.323	28.713
IPI:IPI00008711.3	WFS1	Wolframin	5	179.239	184.735	188.598	219.089	227.183	227.223	184.191	4.703
IPI:IPI00008726.3	IREB2	Iron-responsive element-binding protein 2	2	94.124	99.982	90.752	191.018	161.289	190.719	94.953	4.671
IPI:IPI00008728.1	CLPX	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial	3	205.192	224.751	214.581	211.621	185.792	224.547	214.841	9.782
IPI:IPI00008752.1	MT1G	Isoform 1 of Metallothionein-1G	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008787.3	NAGLU	Alpha-N-acetylglucosaminidase	1	13.563	17.805	14.010	15.035	14.432	13.624	15.126	2.331
IPI:IPI00008791.1	CIAO1	Protein CIAO1	2	50.699	50.821	54.708	64.926	66.868	62.037	52.076	2.280
IPI:IPI00008800.3	MAZ	Similar to Serum amyloid A-activating factor SAF-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00008868.3	MAP1B	Microtubule-associated protein 1B	150	9,576.790	9,348.260	9,684.960	8,472.070	8,515.700	8,546.420	9,536.670	171.898
IPI:IPI00008901.1	EMP3	Epithelial membrane protein 3	1	19.045	26.910	22.275	25.624	24.644	24.963	22.743	3.953
IPI:IPI00008918.1	LIMA1	Isoform Beta of LIM domain and actin-binding protein 1	41	2,443.450	2,397.630	2,333.200	2,432.540	2,298.040	2,419.000	2,391.427	55.386
IPI:IPI00008943.3	DDX19B	Isoform 1 of ATP-dependent RNA helicase DDX19B	13	738.710	712.259	724.424	797.790	836.029	825.221	725.131	13.240
IPI:IPI00008961.1	TERF2IP	Telomeric repeat-binding factor 2-interacting protein 1	3	213.753	211.239	210.119	169.795	171.118	181.826	211.704	1.861
IPI:IPI00008963.1	ISG20L2	Interferon-stimulated 20 kDa exonuclease-like 2	3	193.285	165.107	204.090	186.210	215.584	194.765	187.494	20.126
IPI:IPI00008964.3	RAB1B	Ras-related protein Rab-1B	11	402.556	370.611	438.578	365.476	356.323	359.128	403.915	34.004
IPI:IPI00008965.1	JUN	Transcription factor AP-1	1	6.819	6.762	8.854	5.084	5.306	4.325	7.478	1.192
IPI:IPI00008982.1	ALDH18A1	Isoform Long of Delta-1-pyrroline-5-carboxylate synthetase	13	809.039	758.205	826.740	706.275	757.328	719.877	797.995	35.577
IPI:IPI00008986.1	SLC7A5	Large neutral amino acids transporter small subunit 1	3	174.127	156.328	173.279	102.022	115.137	107.298	167.911	10.040
IPI:IPI00008991.1	DR1	Protein Dr1	3	125.529	140.103	124.151	118.148	100.264	123.207	129.928	8.839
IPI:IPI00008998.3	PTPLAD1	Protein tyrosine phosphatase-like protein PTPLAD1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009009.4	CWC15	Protein CWC15 homolog	2	253.187	241.564	242.791	198.045	202.514	213.365	245.847	6.386
IPI:IPI00009030.1	LAMP2	Isoform LAMP-2A of Lysosome-associated membrane glycoprotein 2	1	68.843	56.373	72.442	67.283	82.596	72.839	65.886	8.433
IPI:IPI00009032.1	SSB	Lupus La protein	27	2,553.680	2,288.310	2,512.840	1,871.140	2,113.730	1,952.900	2,451.610	142.889
IPI:IPI00009057.2	G3BP2	Isoform A of Ras GTPase-activating protein-binding protein 2	8	634.277	621.073	657.537	580.786	614.491	584.100	637.629	18.462
IPI:IPI00009070.1	HBS1L	Isoform 1 of HBS1-like protein	8	413.403	418.309	467.145	364.119	350.464	353.318	432.952	29.713
IPI:IPI00009101.3	SRCAP	Isoform 2 of Helicase SRCAP	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009104.7	RUVBL2	RuvB-like 2	12	788.067	806.305	906.040	758.352	785.221	772.718	833.471	63.505
IPI:IPI00009111.1	TPBG	Trophoblast glycoprotein	3	110.157	154.514	117.623	289.188	194.123	266.783	127.431	23.749
IPI:IPI00009123.2	NUCB2	Isoform 1 of Nucleobindin-2	23	1,807.800	1,657.040	1,815.250	1,247.530	1,379.610	1,301.730	1,760.030	89.270
IPI:IPI00009137.1	CPSF4	Isoform 1 of Cleavage and polyadenylation specificity factor subunit 4	2	68.362	60.755	65.734	61.468	65.590	69.672	64.950	3.863
IPI:IPI00009145.1	MAN1A2	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IB	1	88.127	82.903	81.098	64.622	55.618	61.792	84.043	3.651
IPI:IPI00009148.1	NUDT3	Diphosphoinositol polyphosphate phosphohydrolase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009203.4	SNX7	sorting nexin 7 isoform a	4	290.262	249.091	283.582	238.941	306.375	271.535	274.312	22.096
IPI:IPI00009225.1	STX8	Syntaxin-8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009235.2	SSR3	cDNA FLJ52061, highly similar to Translocon-associated protein subunit gamma	3	195.238	170.386	175.687	166.849	186.507	171.431	180.437	13.089
IPI:IPI00009236.5	CAV1	Isoform Alpha of Caveolin-1	33	2,651.570	2,507.770	2,726.300	2,555.470	2,637.060	2,530.960	2,628.547	111.069
IPI:IPI00009253.2	NAPA	Alpha-soluble NSF attachment protein	13	667.348	652.127	655.885	846.972	898.014	850.304	658.453	7.929
IPI:IPI00009268.2	ACY1	cDNA FLJ60317, highly similar to Aminoacylase-1	1	37.731	28.892	35.110	36.150	37.299	40.363	33.911	4.540

IPI:IPI00008529.1	752.225	83.886	-0.042	0.73859084	25	1,413.320	1,462.050	1,425.050	650.870	688.046	683.165	1,433.473	25.434	674.027	20.203	-1.089	0.00000387
IPI:IPI00008530.1	2,522.060	25.353	-0.001	0.96210915	24	1,968.790	1,951.600	1,959.010	1,303.970	1,306.690	1,327.550	1,959.800	8.622	1,312.737	12.901	-0.578	0.00000116
IPI:IPI00008531.1	57.914	1.198	-0.599	0.00093324	5	237.393	237.014	244.791	302.156	278.277	295.398	239.733	4.385	291.944	12.309	0.284	0.01089008
IPI:IPI00008536.3	0.000	0.000	n/a	n/a	1	14.762	21.008	18.276	22.733	20.614	25.199	18.015	3.131	22.848	2.295	0.343	0.10419824
IPI:IPI00008552.6	1,479.070	52.230	0.135	0.02790474	21	1,126.880	1,242.020	1,127.960	1,324.860	1,208.110	1,282.790	1,165.620	66.167	1,271.920	59.129	0.126	0.10784053
IPI:IPI00008557.5	798.013	25.851	0.142	0.02168211	23	1,002.390	1,106.300	1,006.670	1,119.020	1,017.030	1,047.350	1,038.453	58.796	1,061.133	52.373	0.031	0.64473878
IPI:IPI00008569.1	303.166	22.206	0.207	0.06686687	1	30.995	33.462	34.185	64.175	60.472	67.267	32.880	1.672	63.971	3.402	0.960	0.00088138
IPI:IPI00008570.1	175.913	16.041	-0.165	0.13855785	6	227.340	233.502	227.310	344.686	351.148	334.913	229.384	3.566	343.582	8.174	0.583	0.00036332
IPI:IPI00008575.3	1,020.684	24.132	-0.244	0.00107261	22	1,329.600	1,352.020	1,353.930	1,731.360	1,700.600	1,694.600	1,345.183	13.529	1,708.853	19.721	0.345	0.00003545
IPI:IPI00008603.1	5,507.560	89.038	-0.106	0.22041462	74	1,663.960	1,739.620	1,672.920	1,589.070	1,449.780	1,674.870	1,692.167	41.339	1,571.240	113.599	-0.107	0.19952118
IPI:IPI00008613.3	0.000	0.000	n/a	n/a	2	113.513	88.446	106.431	171.280	181.759	170.103	102.797	12.923	174.381	6.417	0.762	0.00363204
IPI:IPI00008616.3	0.000	0.000	n/a	n/a	6	320.335	327.570	332.545	325.627	308.708	330.702	326.817	6.140	321.679	11.516	-0.023	0.54382866
IPI:IPI00008708.5	790.297	33.288	-0.238	0.00536680	10	533.422	455.723	527.814	631.947	735.289	644.111	505.653	43.331	670.449	56.482	0.407	0.01818438
IPI:IPI00008711.3	224.498	4.685	0.286	0.00047049	5	100.514	103.259	91.530	131.044	110.083	136.855	98.434	6.135	125.994	14.082	0.356	0.06008374
IPI:IPI00008726.3	181.009	17.078	0.931	0.00900494	4	185.433	162.251	192.711	231.884	243.490	234.859	180.132	15.907	236.744	6.028	0.394	0.01579181
IPI:IPI00008728.1	207.320	19.732	-0.051	0.59719759	14	589.764	586.983	590.234	632.406	635.037	623.129	588.994	1.757	630.191	6.255	0.098	0.00482360
IPI:IPI00008752.1	0.000	0.000	n/a	n/a	2	90.441	97.195	91.891	135.146	121.012	128.573	93.176	3.556	128.244	7.073	0.461	0.00487876
IPI:IPI00008787.3	14.364	0.708	-0.075	0.63469457	1	7.798	8.187	6.167	6.030	3.527	5.675	7.384	1.072	5.077	1.354	-0.540	0.08524082
IPI:IPI00008791.1	64.610	2.431	0.311	0.00291117	3	199.601	225.095	203.519	92.931	102.305	93.675	209.405	13.728	96.304	5.211	-1.121	0.00195826
IPI:IPI00008800.3	0.000	0.000	n/a	n/a	1	47.821	51.494	54.413	32.741	56.971	37.950	51.242	3.303	42.554	12.754	-0.268	0.36184357
IPI:IPI00008868.3	8,511.397	37.361	-0.164	0.00709144	89	3,932.030	3,872.680	3,863.570	3,632.150	3,628.130	3,616.400	3,889.427	37.176	3,625.560	8.183	-0.101	0.00484860
IPI:IPI00008901.1	25.077	0.500	0.141	0.41466902	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00008918.1	2,383.193	74.055	-0.005	0.88574470	73	2,622.660	2,662.120	2,604.790	2,880.160	2,805.510	2,844.720	2,629.857	29.335	2,843.463	37.341	0.113	0.00182640
IPI:IPI00008943.3	819.680	19.712	0.177	0.00373617	14	887.692	851.062	875.161	839.159	832.817	838.764	871.305	18.617	836.913	3.553	-0.058	0.08049157
IPI:IPI00008961.1	174.246	6.597	-0.281	0.00670316	2	73.200	71.947	77.235	101.449	95.919	100.957	74.127	2.763	99.442	3.061	0.424	0.00047582
IPI:IPI00008963.1	198.853	15.108	0.085	0.48220143	1	115.134	105.270	125.938	108.564	126.773	116.561	115.447	10.338	117.299	9.127	0.023	0.82879858
IPI:IPI00008964.3	360.309	4.689	-0.165	0.15411362	14	507.098	454.685	461.800	641.482	681.135	655.794	474.528	28.430	659.470	20.081	0.475	0.00125784
IPI:IPI00008965.1	4.905	0.515	-0.608	0.04805992	1	33.481	28.599	39.283	9.571	11.611	11.011	33.788	5.349	10.731	1.049	-1.655	0.01476452
IPI:IPI00008982.1	727.827	26.439	-0.133	0.05686369	27	1,521.270	1,730.950	1,595.070	1,362.490	1,393.290	1,366.210	1,615.763	106.361	1,373.997	16.812	-0.234	0.05571572
IPI:IPI00008986.1	108.152	6.599	-0.635	0.00187248	5	168.635	159.497	161.890	163.312	171.724	151.471	163.341	4.739	162.169	10.175	-0.010	0.86929431
IPI:IPI00008991.1	113.873	12.054	-0.190	0.14296478	4	115.591	129.521	134.158	97.744	107.665	102.493	126.423	9.663	102.634	4.962	-0.301	0.03243463
IPI:IPI00008998.3	0.000	0.000	n/a	n/a	5	168.572	174.103	180.337	107.445	114.436	109.322	174.337	5.886	110.401	3.618	-0.659	0.00029345
IPI:IPI00009009.4	204.641	7.878	-0.265	0.00251470	13	840.042	812.083	865.784	357.595	417.194	390.529	839.303	26.858	388.439	29.854	-1.112	0.00004538
IPI:IPI00009030.1	74.239	7.752	0.172	0.27600255	4	101.498	106.129	98.155	121.726	111.535	133.079	101.927	4.004	122.113	10.777	0.261	0.06911660
IPI:IPI00009032.1	1,979.257	123.424	-0.309	0.01291856	64	3,712.650	3,656.730	3,645.820	3,837.280	3,692.500	3,803.270	3,671.733	35.852	3,777.683	75.705	0.041	0.12197569
IPI:IPI00009057.2	593.126	18.577	-0.104	0.04231419	6	242.524	237.527	232.230	206.666	214.295	203.245	237.427	5.148	208.069	5.657	-0.190	0.00274170
IPI:IPI00009070.1	355.967	7.203	-0.282	0.03979897	5	137.156	130.941	137.859	162.715	165.950	169.066	135.319	3.807	165.910	3.176	0.294	0.00051361
IPI:IPI00009101.3	0.000	0.000	n/a	n/a	2	87.662	79.247	94.261	87.016	99.404	84.843	87.057	7.525	90.421	7.855	0.055	0.62145812
IPI:IPI00009104.7	772.097	13.445	-0.110	0.23303282	21	916.390	917.981	905.756	971.356	924.694	942.121	913.376	6.647	946.057	23.579	0.051	0.13009985
IPI:IPI00009111.1	250.031	49.697	0.972	0.03349115	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009123.2	1,309.623	66.393	-0.426	0.00291625	33	1,420.830	1,406.550	1,421.850	1,432.590	1,461.970	1,412.770	1,416.410	8.554	1,435.777	24.754	0.020	0.30896146
IPI:IPI00009137.1	65.577	4.102	0.014	0.85687526	6	269.585	236.730	280.959	331.752	387.520	322.795	262.425	22.967	347.356	35.070	0.405	0.03142574
IPI:IPI00009145.1	60.677	4.604	-0.470	0.00280722	1	52.593	45.558	54.341	41.127	51.955	45.329	50.831	4.649	46.137	5.459	-0.140	0.32393851
IPI:IPI00009148.1	0.000	0.000	n/a	n/a	1	23.472	25.829	23.831	44.177	52.855	52.343	24.377	1.270	49.791	4.869	1.030	0.00856790
IPI:IPI00009203.4	272.284	33.723	-0.011	0.93635387	1	46.325	41.611	44.471	49.224	53.884	47.451	44.136	2.375	50.186	3.322	0.185	0.06872825
IPI:IPI00009225.1	0.000	0.000	n/a	n/a	4	140.832	153.321	153.208	166.145	159.410	173.177	149.120	7.178	166.244	6.884	0.157	0.04082338
IPI:IPI00009235.2	174.929	10.285	-0.045	0.59906365	2	43.759	56.068	40.264	55.930	37.535	50.920	46.697	8.302	48.129	9.510	0.044	0.85432624
IPI:IPI00009236.5	2,574.497	55.550	-0.030	0.50681892	25	2,436.070	2,346.420	2,420.170	865.478	948.294	918.267	2,400.887	47.835	910.680	41.926	-1.399	0.00000277
IPI:IPI00009253.2	865.097	28.556	0.394	0.00391076	13	812.482	743.649	816.135	670.455	815.832	706.158	790.755	40.836	730.815	75.760	-0.114	0.31312602
IPI:IPI00009268.2	37.937	2.178	0.162	0.26389860	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00009274.1	COPZ2	Coatomer subunit zeta-2	4	187.525	170.887	211.349	184.553	218.288	185.560	189.920	20.337
IPI:IPI00009286.4	MLL	Isoform 1 of Histone-lysine N-methyltransferase HRX	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009294.1	CRIM1	Cysteine-rich motor neuron 1 protein	12	382.564	357.080	358.501	1,300.180	1,265.570	1,308.770	366.048	14.321
IPI:IPI00009301.1	COPS7B	Isoform 1 of COP9 signalosome complex subunit 7b	2	115.127	112.982	116.136	127.390	142.985	127.151	114.748	1.611
IPI:IPI00009305.1	GNPDA1	Glucosamine-6-phosphate isomerase 1	3	76.006	71.559	74.114	203.249	236.135	203.501	73.893	2.232
IPI:IPI00009308.1	CCL2	C-C motif chemokine 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009309.1	CCL5	C-C motif chemokine 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009315.6	ACBD3	Golgi resident protein GCP60	7	381.600	384.314	403.851	482.242	490.079	456.227	389.922	12.139
IPI:IPI00009316.3	PPIE	Isoform A of Peptidyl-prolyl cis-trans isomerase E	3	160.612	172.806	172.313	122.911	116.285	121.906	168.577	6.902
IPI:IPI00009320.3	TMEM85	Isoform 1 of Transmembrane protein 85	2	135.203	174.011	128.843	159.713	127.451	153.704	146.019	24.449
IPI:IPI00009322.2	NEDD4	E3 ubiquitin-protein ligase NEDD4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009326.1	YAP1	65 kDa Yes-associated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009328.4	EIF4A3	Eukaryotic initiation factor 4A-III	10	676.790	721.368	669.477	823.727	739.807	811.569	689.212	28.087
IPI:IPI00009329.2	UTRN	Utrophin	50	3,222.120	3,318.760	3,286.960	3,159.260	3,145.330	3,232.190	3,275.947	49.252
IPI:IPI00009342.1	IQGAP1	Ras GTPase-activating-like protein IQGAP1	95	5,540.950	5,766.950	5,597.930	6,118.200	5,871.350	5,994.220	5,635.277	117.538
IPI:IPI00009346.1	TMEM14C	Transmembrane protein 14C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009350.2	TMEM138	Isoform 1 of Transmembrane protein 138	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009364.3	ORMDL1	ORM1-like protein 1	2	94.319	103.976	91.502	108.626	93.797	112.326	96.599	6.542
IPI:IPI00009365.3	COX16	Cytochrome c oxidase assembly protein COX16 homolog, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009368.4	SFXN1	Sideroflexin-1	6	449.969	476.101	492.036	508.021	494.037	459.744	472.702	21.238
IPI:IPI00009373.3	C1orf149	Isoform 3 of Chromatin modification-related protein EAF6 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009444.3	MRPL27	39S ribosomal protein L27, mitochondrial	1	182.042	154.921	178.770	180.606	215.722	185.500	171.911	14.804
IPI:IPI00009448.1	TNFAIP3	Tumor necrosis factor, alpha-induced protein 3	2	6.399	6.455	6.197	29.648	28.503	34.588	6.350	0.136
IPI:IPI00009453.2	TFAP2A	Transcription factor AP-2 alpha (Activating enhancer binding protein 2 alpha), isoform CRA_c	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009456.1	NT5E	5'-nucleotidase	16	577.079	553.284	566.991	515.103	568.097	518.304	565.785	11.943
IPI:IPI00009464.1	EXOSC10	Isoform 1 of Exosome component 10	4	189.473	170.519	189.228	187.349	192.879	190.783	183.073	10.873
IPI:IPI00009471.1	WDR3	WD repeat-containing protein 3	2	131.479	165.466	128.194	156.913	137.638	164.630	141.713	20.636
IPI:IPI00009504.2	SLC20A2	Sodium-dependent phosphate transporter 2	3	98.968	106.108	99.854	157.023	140.883	157.007	101.643	3.892
IPI:IPI00009505.1	SNTB2	Isoform 1 of Beta-2-syntrophin	7	521.450	488.770	528.807	391.887	455.939	406.484	513.009	21.311
IPI:IPI00009507.1	SYPL1	Isoform 1 of Synaptophysin-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009542.1	MAGED2	Isoform 1 of Melanoma-associated antigen D2	5	259.157	276.414	272.285	125.396	135.465	130.975	269.285	9.011
IPI:IPI00009544.3	RALBP1	RalA-binding protein 1	1	67.028	63.800	63.241	75.587	69.939	71.072	64.689	2.045
IPI:IPI00009607.1	RAP2C	Ras-related protein Rap-2c	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009634.1	SQRDL	Sulfide:quinone oxidoreductase, mitochondrial	19	838.524	861.346	867.808	1,003.510	980.457	999.853	855.893	15.385
IPI:IPI00009659.3	RPRD1B	Regulation of nuclear pre-mRNA domain-containing protein 1B	2	167.893	179.533	178.239	171.427	152.765	176.519	175.222	6.380
IPI:IPI00009662.2	NT5DC2	Isoform 1 of 5'-nucleotidase domain-containing protein 2	2	165.556	152.019	155.376	143.872	153.943	158.387	157.650	7.049
IPI:IPI00009680.3	MRPL44	39S ribosomal protein L44, mitochondrial	4	172.032	200.818	179.180	208.339	187.885	220.224	184.010	14.988
IPI:IPI00009688.1	PIP4K2A	Phosphatidylinositol-5-phosphate 4-kinase type-2 alpha	5	355.684	391.985	348.516	490.705	414.213	461.715	365.395	23.305
IPI:IPI00009694.1	XPA	DNA repair protein complementing XP-A cells	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009700.4	RABL5	Isoform 1 of Rab-like protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009702.4	CCDC21	Isoform 2 of Coiled-coil domain-containing protein 21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009707.5	RMND5A	Isoform 1 of Protein RMD5 homolog A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009713.1	SOX9	Transcription factor SOX-9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009726.4	NMNAT1	Nicotinamide mononucleotide adenylyltransferase 1	2	173.657	149.741	175.582	158.247	173.125	169.517	166.327	14.396
IPI:IPI00009730.1	MID1IP1	Mid1-interacting protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009747.1	LSS	Lanosterol synthase	2	118.269	107.455	115.055	166.691	192.777	171.754	113.593	5.553
IPI:IPI00009755.3	METTL3	Isoform 1 of N6-adenosine-methyltransferase 70 kDa subunit	2	10.447	14.436	13.906	15.778	14.222	13.112	12.930	2.167
IPI:IPI00009771.6	LMNB2	Lamin-B2	14	1,537.550	1,506.420	1,480.550	1,220.350	1,196.130	1,247.710	1,508.173	28.540
IPI:IPI00009790.1	PFKP	6-phosphofructokinase type C	27	1,918.100	2,050.820	1,876.070	1,998.990	1,884.570	1,955.310	1,948.330	91.213
IPI:IPI00009797.3	TM7SF3	Transmembrane 7 superfamily member 3	1	35.258	31.761	33.689	55.376	63.229	58.437	33.569	1.752
IPI:IPI00009802.1	VCAN	Isoform V0 of Versican core protein	1	145.061	109.642	143.796	41.362	59.971	50.992	132.833	20.094
IPI:IPI00009822.1	SRP54	Signal recognition particle 54 kDa protein	22	1,498.540	1,406.460	1,464.050	1,406.600	1,522.170	1,453.150	1,456.350	46.520

IPI:IPI00009274.1	196.134	19.193	0.046	0.72085413	1	64.978	56.946	69.518	3.838	7.930	7.047	63.814	6.366	6.272	2.153	-3.347	0.00184372
IPI:IPI00009286.4	0.000	0.000	n/a	n/a	12	378.578	368.221	378.006	256.180	294.392	282.945	374.935	5.822	277.839	19.611	-0.432	0.00879657
IPI:IPI00009294.1	1,291.507	22.869	1.819	0.00000422	7	180.388	172.615	187.705	247.430	259.828	264.545	180.236	7.546	257.268	8.840	0.513	0.00037749
IPI:IPI00009301.1	132.509	9.074	0.208	0.07310457	7	145.245	138.803	146.608	163.798	170.077	154.934	143.552	4.169	162.936	7.608	0.183	0.02885891
IPI:IPI00009305.1	214.295	18.914	1.536	0.00547312	5	346.000	331.032	362.178	218.478	251.859	233.298	346.403	15.577	234.545	16.725	-0.563	0.00108575
IPI:IPI00009308.1	0.000	0.000	n/a	n/a	1	40.619	36.747	39.158	44.246	48.623	43.293	38.841	1.956	45.387	2.843	0.225	0.03624644
IPI:IPI00009309.1	0.000	0.000	n/a	n/a	1	61.153	52.521	62.465	46.429	69.865	55.778	58.713	5.402	57.357	11.797	-0.034	0.86869060
IPI:IPI00009315.6	476.183	17.721	0.288	0.00351155	7	252.747	266.397	284.824	205.837	204.535	201.369	267.989	16.098	203.914	2.298	-0.394	0.01872816
IPI:IPI00009316.3	120.367	3.571	-0.486	0.00172716	13	376.175	378.531	369.845	506.097	471.756	497.069	374.850	4.492	491.641	17.802	0.391	0.00525993
IPI:IPI00009320.3	146.956	17.157	0.009	0.95990034	1	48.179	45.512	53.436	44.693	56.050	40.557	49.042	4.032	47.100	8.022	-0.058	0.73340256
IPI:IPI00009322.2	0.000	0.000	n/a	n/a	1	29.129	24.816	25.350	26.765	30.179	30.557	26.431	2.351	29.167	2.089	0.142	0.20757897
IPI:IPI00009326.1	0.000	0.000	n/a	n/a	1	12.135	12.274	13.104	9.025	9.845	6.947	12.504	0.524	8.606	1.494	-0.539	0.03417530
IPI:IPI00009328.4	791.701	45.351	0.200	0.03828441	15	1,164.370	1,087.470	1,207.850	681.349	783.552	699.972	1,153.230	60.958	721.624	54.433	-0.676	0.00084095
IPI:IPI00009329.2	3,178.927	46.650	-0.043	0.06861033	44	1,954.900	2,020.020	1,993.650	1,787.450	1,795.110	1,778.040	1,989.523	32.756	1,786.867	8.550	-0.155	0.00585607
IPI:IPI00009342.1	5,994.590	123.425	0.089	0.02185082	92	4,358.630	4,451.400	4,310.860	4,175.280	3,964.690	4,093.750	4,373.630	71.461	4,077.907	106.185	-0.101	0.02085578
IPI:IPI00009346.1	0.000	0.000	n/a	n/a	1	37.754	44.094	42.244	6.275	7.407	5.997	41.364	3.260	6.560	0.747	-2.657	0.00193059
IPI:IPI00009350.2	0.000	0.000	n/a	n/a	2	39.254	46.089	42.629	49.973	40.788	48.796	42.657	3.418	46.519	4.998	0.125	0.34146808
IPI:IPI00009364.3	104.916	9.806	0.119	0.29811883	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009365.3	0.000	0.000	n/a	n/a	3	179.510	164.480	177.344	125.979	134.121	141.923	173.778	8.125	134.008	7.973	-0.375	0.00377058
IPI:IPI00009368.4	487.267	24.840	0.044	0.48471854	10	490.688	508.754	493.916	407.000	415.601	410.381	497.786	9.635	410.994	4.333	-0.276	0.00111996
IPI:IPI00009373.3	0.000	0.000	n/a	n/a	3	100.706	102.011	100.016	86.350	85.216	88.748	100.911	1.013	86.771	1.804	-0.218	0.00103178
IPI:IPI00009444.3	193.943	19.020	0.174	0.19279385	2	200.405	176.236	194.084	210.288	231.159	213.212	190.242	12.534	218.220	11.301	0.198	0.04601744
IPI:IPI00009448.1	30.913	3.234	2.283	0.00566378	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009453.2	0.000	0.000	n/a	n/a	1	46.580	49.305	47.889	83.916	85.677	83.417	47.925	1.363	84.336	1.187	0.815	0.00000491
IPI:IPI00009456.1	533.835	29.715	-0.084	0.19523289	17	643.644	676.694	648.938	535.273	459.293	534.180	656.425	17.752	509.582	43.555	-0.365	0.01702325
IPI:IPI00009464.1	190.337	2.792	0.056	0.36742568	7	246.911	239.983	254.621	274.548	286.003	277.032	247.172	7.322	279.194	6.026	0.176	0.00478078
IPI:IPI00009471.1	153.060	13.902	0.111	0.47968297	8	356.640	350.870	358.840	368.596	408.288	378.510	355.450	4.116	385.131	20.658	0.116	0.12574546
IPI:IPI00009504.2	151.638	9.314	0.577	0.00509010	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009505.1	418.103	33.570	-0.295	0.02027533	2	23.367	20.663	22.958	14.416	17.008	13.582	22.330	1.457	15.002	1.786	-0.574	0.00595828
IPI:IPI00009507.1	0.000	0.000	n/a	n/a	2	154.998	164.171	159.133	69.554	70.622	74.695	159.434	4.594	71.624	2.713	-1.154	0.00005281
IPI:IPI00009542.1	130.612	5.044	-1.044	0.00012789	7	164.162	135.091	157.809	159.848	191.973	160.565	152.354	15.284	170.795	18.344	0.165	0.25523035
IPI:IPI00009544.3	72.200	2.988	0.158	0.02829785	3	99.507	99.737	100.294	110.849	115.485	110.584	99.846	0.405	112.306	2.756	0.170	0.01440851
IPI:IPI00009607.1	0.000	0.000	n/a	n/a	1	19.751	17.461	15.752	17.835	17.380	20.381	17.655	2.007	18.532	1.617	0.070	0.58919417
IPI:IPI00009634.1	994.607	12.390	0.217	0.00033907	28	1,270.270	1,327.270	1,300.880	1,106.220	1,093.050	1,106.050	1,299.473	28.526	1,101.773	7.555	-0.238	0.00451253
IPI:IPI00009659.3	166.904	12.506	-0.070	0.38116302	6	246.395	250.736	264.169	228.561	254.400	238.171	253.767	9.266	240.377	13.060	-0.078	0.22866029
IPI:IPI00009662.2	152.067	7.437	-0.052	0.39924536	2	68.587	68.213	64.365	62.677	80.307	62.520	67.055	2.337	68.501	10.225	0.031	0.83179380
IPI:IPI00009680.3	205.483	16.358	0.159	0.17007712	6	402.075	392.964	387.106	271.839	278.272	265.988	394.048	7.543	272.033	6.144	-0.535	0.00003692
IPI:IPI00009688.1	455.544	38.618	0.318	0.03523951	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009694.1	0.000	0.000	n/a	n/a	1	69.462	71.786	70.929	3.794	3.363	6.705	70.725	1.175	4.621	1.818	-3.936	0.00000417
IPI:IPI00009700.4	0.000	0.000	n/a	n/a	1	4.663	4.864	4.868	5.348	6.319	5.710	4.798	0.117	5.792	0.491	0.272	0.06540531
IPI:IPI00009702.4	0.000	0.000	n/a	n/a	5	145.780	158.613	159.414	225.932	219.261	213.678	154.602	7.651	219.624	6.135	0.506	0.00042345
IPI:IPI00009707.5	0.000	0.000	n/a	n/a	1	12.807	11.665	14.667	22.034	21.159	19.173	13.046	1.515	20.789	1.466	0.672	0.00315993
IPI:IPI00009713.1	0.000	0.000	n/a	n/a	1	73.062	72.931	82.093	23.240	32.153	29.369	76.029	5.252	28.254	4.560	-1.428	0.00032070
IPI:IPI00009726.4	166.963	7.761	0.006	0.95163079	1	75.063	74.729	76.236	72.714	73.387	77.981	75.343	0.791	74.694	2.866	-0.012	0.73811241
IPI:IPI00009730.1	0.000	0.000	n/a	n/a	1	14.543	19.916	17.696	27.718	26.021	28.824	17.385	2.700	27.521	1.412	0.663	0.01023719
IPI:IPI00009747.1	177.074	13.833	0.640	0.00796899	2	80.427	75.279	79.315	35.361	34.618	37.342	78.340	2.708	35.774	1.408	-1.131	0.00015418
IPI:IPI00009755.3	14.371	1.339	0.152	0.39334902	4	127.040	160.348	122.668	210.736	148.577	194.128	136.685	20.609	184.480	32.183	0.433	0.10839682
IPI:IPI00009771.6	1,221.397	25.806	-0.304	0.00022273	37	1,248.130	1,292.750	1,286.540	1,085.970	1,129.580	1,098.940	1,275.807	24.169	1,104.830	22.394	-0.208	0.00087147
IPI:IPI00009790.1	1,946.290	57.741	-0.002	0.97610163	31	1,640.520	1,608.580	1,592.650	1,830.370	1,856.670	1,825.770	1,613.917	24.377	1,837.603	16.672	0.187	0.00040182
IPI:IPI00009797.3	59.014	3.958	0.814	0.00288977	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009802.1	50.775	9.306	-1.387	0.00923051	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009822.1	1,460.640	58.148	0.004	0.92609122	19	1,019.050	1,057.570	1,012.890	1,076.180	1,013.880	1,060.060	1,029.837	24.214	1,050.040	32.336	0.028	0.43952486

IPI:IPI00009841.5	EWSR1	Ewing sarcoma breakpoint region 1, isoform CRA_h	7	724.730	747.221	701.963	600.776	586.477	640.936	724.638	22.629
IPI:IPI00009844.1	GMPR2	GMP reductase 2	1	99.375	110.118	113.000	127.476	135.500	111.481	107.498	7.181
IPI:IPI00009865.2	KRT10	Keratin, type I cytoskeletal 10	30	1,489.810	1,541.080	1,550.950	1,561.490	1,560.920	1,409.030	1,527.280	32.823
IPI:IPI00009867.3	KRT5	Keratin, type II cytoskeletal 5	21	1,063.470	1,529.030	1,068.700	1,317.210	1,592.990	1,114.200	1,220.400	267.294
IPI:IPI00009880.1	TMEM9B	Transmembrane protein 9B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009885.1	FKBP11	FK506-binding protein 11	4	66.599	87.753	66.154	89.318	65.606	84.647	73.502	12.344
IPI:IPI00009891.1	TAF1	Isoform 1 of Transcription initiation factor TFIID subunit 1	1	55.197	62.673	54.907	111.401	98.450	110.285	57.593	4.402
IPI:IPI00009895.1	ZDHHC3	Isoform 1 of Palmitoyltransferase ZDHHC3	1	45.394	40.317	35.381	50.946	42.359	47.086	40.364	5.007
IPI:IPI00009896.1	EPHX1	Epoxide hydrolase 1	5	348.882	330.943	359.802	340.689	368.669	341.196	346.542	14.571
IPI:IPI00009901.1	NUTF2	Nuclear transport factor 2	9	554.980	587.929	544.091	665.829	676.090	679.725	562.333	22.825
IPI:IPI00009904.1	PDIA4	Protein disulfide-isomerase A4	82	5,722.160	5,564.980	5,708.750	5,341.330	5,314.290	5,414.790	5,665.297	87.135
IPI:IPI00009906.5	ARMCX3	Armadillo repeat-containing X-linked protein 3	4	219.822	217.716	233.327	283.902	281.892	275.759	223.622	8.471
IPI:IPI00009908.3	ARMCX1	Armadillo repeat-containing X-linked protein 1	3	119.103	109.368	125.694	155.810	176.688	167.935	118.055	8.213
IPI:IPI00009917.3	LAS1L	Isoform 3 of LAS1-like protein	1	11.754	9.722	11.845	9.960	13.475	11.322	11.107	1.200
IPI:IPI00009922.3	C14orf156	SRA stem-loop-interacting RNA-binding protein, mitochondrial	3	162.814	155.379	167.344	166.570	157.913	165.179	161.846	6.041
IPI:IPI00009923.1	P4HA1	Isoform 1 of Prolyl 4-hydroxylase subunit alpha-1	29	2,680.750	2,642.790	2,690.980	2,111.490	2,196.260	2,180.430	2,671.507	25.390
IPI:IPI00009943.2	TPT1	Tumor protein, translationally-controlled 1	22	1,323.480	1,219.550	1,260.880	915.380	899.989	912.158	1,267.970	52.326
IPI:IPI00009946.4	TOMM34	Mitochondrial import receptor subunit TOM34	6	382.666	423.813	427.113	361.279	399.714	400.886	411.197	24.764
IPI:IPI00009949.2	PSMF1	Proteasome inhibitor PI31 subunit	1	134.023	112.117	129.864	119.547	153.787	127.203	125.335	11.634
IPI:IPI00009950.1	LMAN2	Vesicular integral-membrane protein VIP36	9	648.363	660.837	658.470	737.980	814.134	705.947	655.890	6.625
IPI:IPI00009958.6	COPS5	COP9 signalosome complex subunit 5	7	319.439	310.662	324.300	382.222	402.764	369.396	318.134	6.912
IPI:IPI00009975.4	ATF7	Isoform 4 of Cyclic AMP-dependent transcription factor ATF-7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00009982.1	TDRKH	Isoform 1 of Tudor and KH domain-containing protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010080.2	OXSR1	Serine/threonine-protein kinase OSR1	10	547.361	604.690	578.455	582.686	584.816	588.281	576.835	28.699
IPI:IPI00010090.1	GCLM	Glutamate--cysteine ligase regulatory subunit	4	240.108	247.248	229.031	275.500	267.601	282.651	238.796	9.179
IPI:IPI00010105.1	EIF6	Eukaryotic translation initiation factor 6	1	5.963	6.542	4.656	3.976	4.051	3.588	5.721	0.966
IPI:IPI00010120.4	CTBP2	Isoform 1 of C-terminal-binding protein 2	1	103.181	115.716	107.858	124.127	100.779	114.979	108.918	6.334
IPI:IPI00010130.3	GLUL	Glutamine synthetase	1	89.084	97.295	104.871	57.830	71.548	69.739	97.083	7.896
IPI:IPI00010133.3	CORO1A	Coronin-1A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010141.4	POLE3	DNA polymerase epsilon subunit 3	1	67.156	72.983	65.424	66.434	57.803	67.086	68.521	3.960
IPI:IPI00010142.1	UBE2G2	Ubiquitin-conjugating enzyme E2 G2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010149.2	ARL4C	ADP ribosylation factor-like protein 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010153.5	RPL23	60S ribosomal protein L23	21	1,001.870	945.779	972.956	797.140	873.709	835.312	973.535	28.050
IPI:IPI00010154.3	GDI1	Rab GDP dissociation inhibitor alpha	16	756.139	781.325	720.212	743.470	750.596	757.620	752.559	30.713
IPI:IPI00010157.1	MAT2A	S-adenosylmethionine synthetase isoform type-2	6	465.211	488.296	495.332	486.912	493.367	452.836	482.946	15.757
IPI:IPI00010180.4	CES1	Isoform 1 of Liver carboxylesterase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010182.4	DBI	Isoform 1 of Acyl-CoA-binding protein	10	1,058.850	984.173	1,078.090	724.013	817.835	754.397	1,040.371	49.611
IPI:IPI00010190.3	DECR2	Isoform 1 of Peroxisomal 2,4-dienoyl-CoA reductase	3	107.770	111.388	90.595	127.253	107.153	126.699	103.251	11.109
IPI:IPI00010200.3	YTHDC2	Probable ATP-dependent RNA helicase YTHDC2	1	87.571	102.236	78.891	99.020	87.643	100.803	89.566	11.800
IPI:IPI00010201.4	PSMD8	proteasome 26S non-ATPase subunit 8	5	369.482	366.926	362.129	363.989	388.202	375.126	366.179	3.733
IPI:IPI00010204.1	SFRS3	Splicing factor, arginine/serine-rich 3	4	328.331	316.866	344.492	210.914	240.971	210.039	329.896	13.879
IPI:IPI00010207.1	UFM1	Ubiquitin-fold modifier 1	11	286.975	278.737	274.733	274.614	281.878	265.194	280.148	6.242
IPI:IPI00010212.5	TUT1	terminal uridylyl transferase 1, U6 snRNA-specific	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010219.1	SPC25	Kinetochore protein Spc25	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010232.1	PEX3	Peroxisomal biogenesis factor 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010240.1	MIF4GD	MIF4G domain-containing protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010244.4	MRPS11	Isoform 1 of 28S ribosomal protein S11, mitochondrial	1	21.606	15.574	22.511	22.774	20.816	20.858	19.897	3.771
IPI:IPI00010248.3	SPG21	Maspardin	2	41.952	42.261	45.345	70.908	76.598	73.996	43.186	1.876
IPI:IPI00010252.3	TRIM33	Isoform Alpha of E3 ubiquitin-protein ligase TRIM33	2	86.692	78.485	85.510	90.817	90.364	89.560	83.562	4.437
IPI:IPI00010270.1	RAC2	Ras-related C3 botulinum toxin substrate 2	2	81.810	99.869	79.415	92.646	77.023	92.906	87.031	11.182
IPI:IPI00010271.3	RAC1	Isoform A of Ras-related C3 botulinum toxin substrate 1	2	105.057	97.324	101.682	101.176	111.267	106.673	101.354	3.877
IPI:IPI00010276.7	OGFOD2	25 kDa protein	2	108.818	111.549	109.193	110.099	109.449	104.470	109.853	1.480
IPI:IPI00010278.6	MRPS30	28S ribosomal protein S30, mitochondrial	1	79.237	70.217	78.443	77.074	95.919	83.215	75.966	4.994

IPI:IPI00009841.5	609.396	28.234	-0.250	0.00603676	3	166.956	135.342	163.301	73.871	94.804	80.900	155.200	17.294	83.191	10.653	-0.900	0.00638784
IPI:IPI00009844.1	124.819	12.228	0.216	0.11826859	3	179.755	165.642	185.421	191.974	217.271	190.156	176.939	10.186	199.800	15.157	0.175	0.10582579
IPI:IPI00009865.2	1,510.480	87.859	-0.016	0.78010954	2	30.685	29.162	27.254	33.609	30.838	36.562	29.034	1.720	33.670	2.862	0.214	0.08831885
IPI:IPI00009867.3	1,341.467	240.315	0.136	0.59168433	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009880.1	0.000	0.000	n/a	n/a	1	44.680	49.380	40.587	77.176	69.293	73.960	44.882	4.400	73.476	3.964	0.711	0.00117282
IPI:IPI00009885.1	79.857	12.561	0.120	0.56597603	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009891.1	106.712	7.177	0.890	0.00133451	3	124.592	121.455	113.018	296.376	279.529	316.160	119.688	5.986	297.355	18.335	1.313	0.00163891
IPI:IPI00009895.1	46.797	4.301	0.213	0.16829780	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009896.1	350.185	16.010	0.015	0.78563815	5	200.099	207.482	210.388	43.488	54.149	49.957	205.990	5.304	49.198	5.371	-2.066	0.00000362
IPI:IPI00009901.1	673.881	7.206	0.261	0.00864739	4	158.096	158.215	157.049	133.481	134.043	137.874	157.787	0.642	135.133	2.391	-0.224	0.00218627
IPI:IPI00009904.1	5,356.803	52.006	-0.081	0.01078150	170	8,295.870	8,086.090	8,194.120	8,891.370	9,246.230	8,878.990	8,192.027	104.906	9,005.530	208.544	0.137	0.00958002
IPI:IPI00009906.5	280.518	4.242	0.327	0.00207207	3	106.983	110.390	110.503	53.440	60.985	57.169	109.292	2.000	57.198	3.772	-0.934	0.00021280
IPI:IPI00009908.3	166.811	10.484	0.499	0.00382184	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009917.3	11.586	1.772	0.061	0.72259934	6	156.169	171.895	152.557	219.982	188.037	213.801	160.207	10.282	207.273	16.943	0.372	0.02166895
IPI:IPI00009922.3	163.221	4.649	0.012	0.77143383	8	287.600	294.966	282.738	396.308	395.641	386.751	288.435	6.157	392.900	5.336	0.446	0.00002951
IPI:IPI00009923.1	2,162.727	45.073	-0.305	0.00033380	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009943.2	909.176	8.117	-0.480	0.00609776	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009946.4	387.293	22.536	-0.086	0.28451911	5	210.635	233.680	193.713	350.350	290.349	343.160	212.676	20.062	327.953	32.764	0.625	0.01076150
IPI:IPI00009949.2	133.512	17.971	0.091	0.55092177	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00009950.1	752.687	55.573	0.199	0.09252430	23	939.755	896.166	941.259	666.658	717.736	696.825	925.727	25.611	693.740	25.678	-0.416	0.00037891
IPI:IPI00009958.6	384.794	16.832	0.274	0.01130589	9	323.841	334.221	300.716	276.355	289.777	278.604	319.593	17.152	281.579	7.188	-0.183	0.04582664
IPI:IPI00009975.4	0.000	0.000	n/a	n/a	1	40.366	37.511	39.535	28.015	30.501	29.219	39.137	1.469	29.245	1.243	-0.420	0.00099544
IPI:IPI00009982.1	0.000	0.000	n/a	n/a	6	272.163	290.701	268.577	404.786	356.929	390.299	277.147	11.874	384.005	24.542	0.470	0.00736950
IPI:IPI00010080.2	585.261	2.824	0.021	0.66404885	7	261.731	243.322	242.653	176.578	197.178	182.304	249.235	10.827	185.353	10.633	-0.427	0.00188358
IPI:IPI00010090.1	275.251	7.528	0.205	0.00668434	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010105.1	3.872	0.249	-0.563	0.07234633	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010120.4	113.295	11.765	0.057	0.60934009	8	286.887	303.557	273.205	301.853	305.570	297.274	287.883	15.200	301.566	4.155	0.067	0.25625028
IPI:IPI00010130.3	66.372	7.453	-0.549	0.00814220	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010133.3	0.000	0.000	n/a	n/a	1	10.905	14.614	12.535	16.752	9.907	17.253	12.685	1.859	14.637	4.104	0.207	0.51200768
IPI:IPI00010141.4	63.775	5.181	-0.104	0.28044571	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010142.1	0.000	0.000	n/a	n/a	1	64.073	57.664	67.673	95.038	106.937	91.132	63.137	5.070	97.703	8.232	0.630	0.00622903
IPI:IPI00010149.2	0.000	0.000	n/a	n/a	4	77.574	77.467	83.011	89.664	80.734	90.584	79.351	3.170	86.994	5.440	0.133	0.12012902
IPI:IPI00010153.5	835.387	38.285	-0.221	0.00912612	12	477.615	480.955	495.840	644.979	630.790	627.855	484.803	9.703	634.541	9.158	0.388	0.00004248
IPI:IPI00010154.3	750.562	7.075	-0.004	0.92222288	30	976.815	996.835	965.959	1,029.590	981.185	1,002.450	979.870	15.663	1,004.408	24.262	0.036	0.22678042
IPI:IPI00010157.1	477.705	21.778	-0.016	0.75412471	8	263.189	276.777	275.922	250.955	284.049	262.640	271.963	7.610	265.881	16.783	-0.033	0.61063195
IPI:IPI00010180.4	0.000	0.000	n/a	n/a	18	1,043.860	1,142.390	1,066.030	1,521.240	1,350.980	1,429.680	1,084.093	51.689	1,433.967	85.211	0.404	0.00676785
IPI:IPI00010182.4	765.415	47.872	-0.443	0.00232114	19	873.539	952.573	888.776	939.191	807.370	899.455	904.963	41.930	882.005	67.621	-0.037	0.64896085
IPI:IPI00010190.3	120.368	11.448	0.221	0.13687697	4	196.200	209.301	196.029	304.868	296.192	301.837	200.510	7.614	300.966	4.403	0.586	0.00018604
IPI:IPI00010200.3	95.822	7.139	0.097	0.48488813	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010201.4	375.772	12.119	0.037	0.30241983	2	68.110	74.454	67.534	100.542	77.563	89.379	70.033	3.840	89.161	11.491	0.348	0.08998417
IPI:IPI00010204.1	220.641	17.611	-0.580	0.00137935	3	118.907	111.632	114.961	42.145	49.594	47.200	115.167	3.642	46.313	3.803	-1.314	0.00002291
IPI:IPI00010207.1	273.895	8.365	-0.033	0.36270548	6	320.180	298.934	318.980	354.780	364.818	342.863	312.698	11.935	354.154	10.991	0.180	0.01164438
IPI:IPI00010212.5	0.000	0.000	n/a	n/a	1	28.591	30.612	29.535	47.645	45.692	45.090	29.579	1.011	46.142	1.336	0.641	0.00011240
IPI:IPI00010219.1	0.000	0.000	n/a	n/a	2	155.105	176.362	156.362	172.033	140.111	162.197	162.610	11.926	158.114	16.348	-0.040	0.72259716
IPI:IPI00010232.1	0.000	0.000	n/a	n/a	8	242.996	241.071	237.519	261.075	241.493	249.906	240.529	2.778	250.825	9.823	0.060	0.20612419
IPI:IPI00010240.1	0.000	0.000	n/a	n/a	1	71.762	50.009	70.461	116.747	144.842	133.271	64.077	12.201	131.620	14.120	1.038	0.00354390
IPI:IPI00010244.4	21.483	1.118	0.111	0.54813282	10	275.719	375.314	281.089	419.905	294.222	369.633	310.707	56.015	361.253	63.259	0.217	0.35960877
IPI:IPI00010248.3	73.834	2.849	0.774	0.00025327	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010252.3	90.247	0.637	0.111	0.11808347	3	115.711	94.758	121.074	117.247	151.075	127.701	110.514	13.907	132.008	17.320	0.256	0.17274752
IPI:IPI00010270.1	87.525	9.096	0.008	0.95680570	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010271.3	106.372	5.052	0.070	0.25015961	9	257.776	252.449	250.431	289.089	260.681	287.109	253.552	3.795	278.960	15.861	0.138	0.10213684
IPI:IPI00010276.7	108.006	3.079	-0.024	0.42177126	5	96.055	130.615	90.577	69.848	58.015	64.808	105.749	21.708	64.224	5.938	-0.719	0.07155084
IPI:IPI00010278.6	85.402	9.611	0.169	0.22821686	8	374.681	367.204	364.867	464.328	452.956	455.259	368.917	5.126	457.514	6.012	0.311	0.00005000

IPI:IPI00010279.4	GDE1	Glycerophosphodiester phosphodiesterase 1	1	56.564	67.259	60.815	82.077	74.667	86.923	61.546	5.385
IPI:IPI00010282.4	NGRN	Neugrin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010317.4	RRAGB	Isoform 1 of Ras-related GTP-binding protein B	2	73.958	63.697	74.261	98.203	118.455	98.571	70.639	6.013
IPI:IPI00010320.1	CBX1	Chromobox protein homolog 1	4	357.344	353.338	353.733	335.709	370.644	346.554	354.805	2.208
IPI:IPI00010329.2	MFSD11	Isoform 2 of UNC93-like protein MFSD11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010331.1	SIRT5	Isoform 2 of NAD-dependent deacetylase sirtuin-5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010338.1	F3	Tissue factor	4	397.871	418.589	399.245	311.107	300.486	319.618	405.235	11.585
IPI:IPI00010339.3	PTS	6-pyruvoyl tetrahydrobiopterin synthase	2	62.098	74.580	70.510	83.600	75.337	80.038	69.063	6.366
IPI:IPI00010346.1	NLN	Neurolysin, mitochondrial	7	448.867	465.378	425.842	449.229	399.571	446.984	446.696	19.857
IPI:IPI00010348.1	DNASE2	Deoxyribonuclease-2-alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010349.1	AGPS	Alkyldihydroxyacetonephosphate synthase, peroxisomal	22	1,740.610	1,717.160	1,756.890	1,737.420	1,850.110	1,806.100	1,738.220	19.973
IPI:IPI00010362.5	HLA-E	major histocompatibility complex, class I, E precursor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010365.4	-	67 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010368.6	KIF2A	Isoform 1 of Kinesin-like protein KIF2A	3	126.424	116.872	119.880	102.233	108.146	107.522	121.059	4.884
IPI:IPI00010388.1	CENPB	Major centromere autoantigen B	1	28.884	33.464	23.976	44.083	31.379	40.289	28.775	4.745
IPI:IPI00010400.1	PLCB3	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-3	5	240.957	264.158	269.771	287.532	267.465	271.724	258.295	15.275
IPI:IPI00010402.2	SH3BGRL3	Putative uncharacterized protein	2	109.325	132.732	119.236	53.135	51.042	69.982	120.431	11.749
IPI:IPI00010404.1	SF3B5	Splicing factor 3B subunit 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010414.4	PDLIM1	PDZ and LIM domain protein 1	26	2,154.780	2,241.420	2,362.730	1,920.180	1,909.410	1,834.620	2,252.977	104.456
IPI:IPI00010415.2	ACOT7	Isoform 1 of Cytosolic acyl coenzyme A thioester hydrolase	4	134.831	139.628	134.800	95.324	103.595	90.001	136.420	2.779
IPI:IPI00010418.5	MYO1C	Isoform 2 of Myosin-Ic	19	1,225.230	1,189.470	1,174.230	1,135.290	1,193.010	1,138.480	1,196.310	26.179
IPI:IPI00010438.2	SNAP23	Isoform SNAP-23a of Synaptosomal-associated protein 23	8	319.978	336.069	306.573	325.327	310.614	332.065	320.873	14.768
IPI:IPI00010448.4	ARHGAP24	Isoform 2 of Rho GTPase-activating protein 24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010460.1	AIP	AH receptor-interacting protein	6	616.624	554.390	609.390	519.959	593.429	549.093	593.468	34.035
IPI:IPI00010463.5	GTPBP1	GTP-binding protein 1	1	126.821	107.800	130.522	124.180	153.670	127.123	121.714	12.191
IPI:IPI00010466.3	PRKCB	Isoform Beta-I of Protein kinase C beta type	1	19.250	17.798	20.327	16.587	17.684	17.859	19.125	1.269
IPI:IPI00010471.5	LCP1	Plastin-2	2	87.254	86.094	83.257	84.214	87.414	74.805	85.535	2.056
IPI:IPI00010474.1	SLC7A11	Cystine/glutamate transporter	2	74.812	61.977	64.416	132.826	136.597	135.187	67.068	6.816
IPI:IPI00010486.2	HPS5	Isoform 1 of Hermansky-Pudlak syndrome 5 protein	2	35.280	35.694	31.898	38.030	40.012	38.591	34.291	2.082
IPI:IPI00010491.3	RAB27B	Ras-related protein Rab-27B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010544.3	TJAP1	Isoform 1 of Tight junction-associated protein 1	2	77.031	86.336	81.288	102.711	75.753	95.368	81.551	4.658
IPI:IPI00010554.2	SORBS1	Isoform 3 of Sorbin and SH3 domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010586.3	TMF1	Isoform 2 of TATA element modulatory factor	3	243.573	237.405	248.329	304.333	307.494	316.270	243.102	5.477
IPI:IPI00010590.2	HELLS	Isoform 1 of Lymphoid-specific helicase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010653.6	REXO4	Isoform 1 of RNA exonuclease 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010697.2	ITGA6	Isoform Alpha-6X1X2B of Integrin alpha-6	7	470.422	401.997	458.483	494.298	583.717	534.546	443.634	36.549
IPI:IPI00010700.2	BAT2	Isoform 1 of Large proline-rich protein BAT2	6	339.553	309.108	329.907	322.983	342.772	334.580	326.189	15.559
IPI:IPI00010706.1	GSS	Glutathione synthetase	6	372.180	370.995	348.877	382.245	392.485	377.636	364.017	13.125
IPI:IPI00010717.1	MVK	Mevalonate kinase	1	44.814	55.174	41.759	70.191	60.783	81.136	47.249	7.031
IPI:IPI00010720.1	CCT5	T-complex protein 1 subunit epsilon	37	3,213.290	3,243.810	3,175.870	3,302.600	3,200.660	3,334.570	3,210.990	34.028
IPI:IPI00010740.1	SFPQ	Isoform Long of Splicing factor, proline- and glutamine-rich	10	998.226	1,010.940	962.726	992.839	926.307	1,002.810	990.631	24.988
IPI:IPI00010779.4	TPM4	Isoform 1 of Tropomyosin alpha-4 chain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010790.1	BGN	Biglycan	8	366.852	351.048	370.615	594.659	605.424	613.048	362.838	10.383
IPI:IPI00010796.1	P4HB	Protein disulfide-isomerase	117	9,009.860	8,644.090	9,216.220	7,634.400	8,003.520	7,408.100	8,956.723	289.743
IPI:IPI00010800.2	NES	Nestin	43	2,590.620	2,595.220	2,653.930	2,049.790	2,067.250	2,079.610	2,613.257	35.299
IPI:IPI00010808.1	IFNGR1	Interferon-gamma receptor alpha chain	7	102.916	99.643	91.940	581.833	508.236	567.323	98.166	5.635
IPI:IPI00010810.1	ETFA	Electron transfer flavoprotein subunit alpha, mitochondrial	14	784.268	780.682	821.534	840.604	843.036	837.638	795.495	22.622
IPI:IPI00010833.1	ZNF148	Zinc finger protein 148	1	16.528	17.968	11.049	18.744	9.763	11.090	15.182	3.651
IPI:IPI00010844.2	LGALS8	Isoform 1 of Galectin-8	3	140.746	130.379	143.490	225.842	251.928	220.551	138.205	6.915
IPI:IPI00010845.3	NDUFS8	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial	1	42.805	44.270	46.080	42.606	42.461	42.528	44.385	1.641
IPI:IPI00010860.1	PSMD9	Isoform p27-L of 26S proteasome non-ATPase regulatory subunit 9	8	539.149	570.514	532.760	443.647	430.382	465.280	547.474	20.207
IPI:IPI00010863.5	ATOX1	Copper transport protein ATOX1	4	204.494	205.882	229.240	184.927	202.762	175.316	213.205	13.904
IPI:IPI00010865.1	LY6G5B;CSN	Casein kinase II subunit beta	1	61.408	76.042	60.924	74.740	50.831	71.277	66.125	8.592

IPI:IPI00010279.4	81.222	6.173	0.400	0.01469825	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010282.4	0.000	0.000	n/a	n/a	1	121.167	129.815	125.640	79.454	77.323	84.451	125.541	4.325	80.409	3.659	-0.643	0.00018959
IPI:IPI00010317.4	105.076	11.588	0.573	0.01961040	2	34.754	33.849	38.594	41.228	49.475	41.760	35.732	2.519	44.154	4.616	0.305	0.06695185
IPI:IPI00010320.1	350.969	17.881	-0.016	0.74718581	8	345.044	321.658	312.289	392.485	402.534	388.527	326.330	16.870	394.515	7.221	0.274	0.01033144
IPI:IPI00010329.2	0.000	0.000	n/a	n/a	1	49.554	57.286	52.134	48.198	45.684	48.689	52.991	3.936	47.524	1.612	-0.157	0.12418339
IPI:IPI00010331.1	0.000	0.000	n/a	n/a	2	87.324	110.497	86.380	160.872	121.466	159.334	94.734	13.660	147.224	22.320	0.636	0.03445463
IPI:IPI00010338.1	310.404	9.585	-0.385	0.00047905	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010339.3	79.659	4.145	0.206	0.08359024	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010346.1	431.928	28.044	-0.049	0.50295599	10	426.029	445.715	456.486	359.860	372.753	371.318	442.743	15.444	367.977	7.066	-0.267	0.00592137
IPI:IPI00010348.1	0.000	0.000	n/a	n/a	3	55.756	56.542	53.543	70.932	73.078	77.895	55.280	1.555	73.968	3.566	0.420	0.00511187
IPI:IPI00010349.1	1,797.877	56.793	0.049	0.20365609	30	1,628.000	1,648.510	1,636.410	1,849.170	1,819.170	1,830.430	1,637.640	10.310	1,832.923	15.155	0.163	0.00012399
IPI:IPI00010362.5	0.000	0.000	n/a	n/a	2	46.639	50.803	92.731	28.572	47.540	38.404	63.391	25.494	38.172	9.486	-0.732	0.22304013
IPI:IPI00010365.4	0.000	0.000	n/a	n/a	2	77.953	69.290	81.702	37.180	43.747	43.618	76.315	6.366	41.515	3.755	-0.878	0.00288404
IPI:IPI00010368.6	105.967	3.249	-0.192	0.01529384	4	198.931	195.052	195.274	179.341	174.771	181.548	196.419	2.178	178.553	3.456	-0.138	0.00314161
IPI:IPI00010388.1	38.584	6.521	0.423	0.10957454	1	17.183	25.334	16.028	29.308	24.885	33.490	19.515	5.073	29.228	4.303	0.583	0.06648980
IPI:IPI00010400.1	275.574	10.573	0.093	0.19129976	1	14.543	13.408	9.905	20.077	23.886	21.505	12.619	2.418	21.823	1.924	0.790	0.00765529
IPI:IPI00010402.2	58.053	10.384	-1.053	0.00247921	20	524.780	569.656	536.071	758.488	659.480	717.797	543.502	23.343	711.922	49.765	0.389	0.01500507
IPI:IPI00010404.1	0.000	0.000	n/a	n/a	4	187.107	163.513	182.593	224.654	251.406	221.858	177.738	12.524	232.639	16.312	0.388	0.01147754
IPI:IPI00010414.4	1,888.070	46.601	-0.255	0.01442493	51	1,982.780	1,915.030	1,940.100	1,711.870	1,821.540	1,746.380	1,945.970	34.254	1,759.930	56.077	-0.145	0.01288790
IPI:IPI00010415.2	96.307	6.850	-0.502	0.00422225	6	159.156	170.021	155.495	228.798	222.641	227.910	161.557	7.555	226.450	3.328	0.487	0.00133755
IPI:IPI00010418.5	1,155.593	32.443	-0.050	0.16952017	21	1,009.020	1,075.050	1,022.560	639.326	616.512	633.599	1,035.543	34.877	629.812	11.869	-0.717	0.00099387
IPI:IPI00010438.2	322.669	10.970	0.008	0.87504037	13	428.283	450.034	444.435	349.896	333.754	355.581	440.917	11.294	346.410	11.323	-0.348	0.00051423
IPI:IPI00010448.4	0.000	0.000	n/a	n/a	2	79.506	79.042	80.197	77.786	78.668	73.882	79.582	0.581	76.779	2.547	-0.052	0.19343760
IPI:IPI00010460.1	554.160	36.996	-0.099	0.24755314	23	831.147	870.125	849.793	1,133.220	1,084.030	1,117.300	850.355	19.495	1,111.517	25.100	0.386	0.00020516
IPI:IPI00010463.5	134.991	16.243	0.149	0.32550851	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010466.3	17.376	0.689	-0.138	0.12445429	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010471.5	82.144	6.554	-0.058	0.47048685	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010474.1	134.870	1.905	1.008	0.00187523	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010486.2	38.878	1.022	0.181	0.04392578	1	119.185	94.229	113.843	160.160	195.528	154.063	109.086	13.140	169.917	22.388	0.639	0.02359193
IPI:IPI00010491.3	0.000	0.000	n/a	n/a	1	28.136	27.496	30.691	10.249	10.633	9.607	28.774	1.690	10.163	0.519	-1.501	0.00131969
IPI:IPI00010544.3	91.277	13.937	0.163	0.35160945	5	209.812	176.930	203.193	181.295	200.139	194.206	196.645	17.391	191.880	9.635	-0.035	0.70879885
IPI:IPI00010554.2	0.000	0.000	n/a	n/a	6	224.995	232.709	231.016	289.539	284.297	280.219	229.573	4.054	284.685	4.672	0.310	0.00011735
IPI:IPI00010586.3	309.366	6.185	0.348	0.00017410	7	202.739	208.319	205.442	303.784	292.035	317.619	205.500	2.790	304.479	12.806	0.567	0.00404874
IPI:IPI00010590.2	0.000	0.000	n/a	n/a	5	141.478	130.369	140.210	187.974	195.116	198.809	137.352	6.081	193.966	5.508	0.498	0.00029859
IPI:IPI00010653.6	0.000	0.000	n/a	n/a	4	182.175	163.076	186.115	210.161	236.635	215.725	177.122	12.323	220.840	13.959	0.318	0.01577020
IPI:IPI00010697.2	537.520	44.784	0.277	0.05039194	17	612.125	589.878	608.184	837.383	870.110	847.355	603.396	11.871	851.616	16.774	0.497	0.00006868
IPI:IPI00010700.2	333.445	9.943	0.032	0.53968175	4	184.201	216.048	185.260	100.039	86.280	100.374	195.170	18.089	95.564	8.042	-1.030	0.00435721
IPI:IPI00010706.1	384.122	7.600	0.078	0.09977739	4	132.824	128.011	129.991	97.090	94.636	92.523	130.275	2.419	94.749	2.286	-0.459	0.00005208
IPI:IPI00010717.1	70.703	10.186	0.582	0.03628802	5	173.772	198.531	181.600	101.607	113.906	117.635	184.634	12.655	111.049	8.387	-0.733	0.00200229
IPI:IPI00010720.1	3,279.277	69.935	0.030	0.22892951	54	3,401.410	3,191.610	3,341.710	3,042.570	3,224.000	3,095.310	3,311.577	108.097	3,120.627	93.327	-0.086	0.08343624
IPI:IPI00010740.1	973.985	41.591	-0.024	0.59127400	38	1,076.970	1,141.430	1,066.150	1,011.490	972.814	995.081	1,094.850	40.701	993.128	19.412	-0.141	0.03238333
IPI:IPI00010779.4	0.000	0.000	n/a	n/a	9	307.760	291.955	335.574	183.318	198.091	187.815	311.763	22.083	189.741	7.573	-0.716	0.00597413
IPI:IPI00010790.1	604.377	9.239	0.736	0.00000837	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010796.1	7,682.007	300.551	-0.221	0.00615892	196	9,713.540	9,258.970	9,525.450	9,081.770	9,481.340	9,211.890	9,499.320	228.409	9,258.333	203.793	-0.037	0.24554821
IPI:IPI00010800.2	2,065.550	14.983	-0.339	0.00030049	72	2,908.280	2,936.200	2,880.960	2,812.410	2,839.160	2,786.490	2,908.480	27.621	2,812.687	26.336	-0.048	0.01226281
IPI:IPI00010808.1	552.464	38.984	2.493	0.00205844	2	61.344	59.065	62.790	141.939	160.696	135.603	61.066	1.878	146.079	13.049	1.258	0.00687191
IPI:IPI00010810.1	840.426	2.703	0.079	0.07311475	21	1,009.440	1,032.290	1,002.700	983.876	961.811	970.541	1,014.810	15.509	972.076	11.112	-0.062	0.02147260
IPI:IPI00010833.1	13.199	4.848	-0.202	0.60410567	3	173.531	170.329	189.544	166.149	199.194	175.618	177.801	10.295	180.320	17.017	0.020	0.84022639
IPI:IPI00010844.2	232.774	16.798	0.752	0.00460427	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00010845.3	42.532	0.073	-0.062	0.18997751	10	327.525	333.603	341.953	303.213	347.237	295.257	334.360	7.244	315.236	27.998	-0.085	0.35868245
IPI:IPI00010860.1	446.436	17.615	-0.294	0.00303252	11	605.018	593.215	596.560	667.540	628.128	661.083	598.264	6.083	652.250	21.139	0.125	0.03888257
IPI:IPI00010863.5	187.668	13.927	-0.184	0.08793495	20	1,638.490	1,595.970	1,626.950	1,427.360	1,547.960	1,396.340	1,620.470	21.988	1,457.220	80.099	-0.153	0.06289652
IPI:IPI00010865.1	65.616	12.921	-0.011	0.95862638	1	56.520	86.881	50.251	145.735	77.579	133.159	64.551	19.591	118.824	36.269	0.880	0.10480385

IPI:IPI00010872.3	CBX4	CBX4 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010882.3	DFFA	Isoform DFF45 of DNA fragmentation factor subunit alpha (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010896.3	CLIC1	Chloride intracellular channel protein 1	41	1,578.330	1,694.750	1,590.210	1,691.320	1,658.800	1,694.070	1,621.097	64.062
IPI:IPI00010948.2	TRIM26	Tripartite motif-containing protein 26	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010949.3	SIAE	Isoform 1 of Sialate O-acetylesterase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00010951.2	EPPK1	epiplakin 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011062.1	CPS1	Isoform 1 of Carbamoyl-phosphate synthase [ammonia], mitochondrial	2	60.162	72.165	57.338	92.129	63.942	92.627	63.222	7.873
IPI:IPI00011074.2	GORASP1	Isoform 1 of Golgi reassembly-stacking protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011077.4	MRPL32	39S ribosomal protein L32, mitochondrial precursor	5	218.947	234.267	217.547	249.062	237.315	241.069	223.587	9.276
IPI:IPI00011090.3	FRMD8	Isoform 1 of FERM domain-containing protein 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011102.2	CSNK1D	Isoform 1 of Casein kinase I isoform delta	1	82.747	79.508	77.931	79.732	77.400	88.405	80.062	2.455
IPI:IPI00011107.2	IDH2	Isocitrate dehydrogenase [NADP], mitochondrial	13	738.450	742.781	732.131	771.081	778.687	743.463	737.787	5.356
IPI:IPI00011118.2	RRM2	Ribonucleoside-diphosphate reductase subunit M2	1	219.161	188.431	238.282	37.527	53.047	52.458	215.291	25.150
IPI:IPI00011126.6	PSMC1	26S protease regulatory subunit 4	17	1,177.800	1,193.850	1,147.360	1,175.510	1,183.580	1,206.630	1,173.003	23.613
IPI:IPI00011167.1	TBC1D10A	TBC1 domain family member 10A	3	105.255	114.940	103.403	105.919	97.655	103.937	107.866	6.196
IPI:IPI00011180.4	ZBTB24	Isoform 1 of Zinc finger and BTB domain-containing protein 24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011200.5	PHGDH	D-3-phosphoglycerate dehydrogenase	23	1,548.010	1,546.740	1,518.770	1,787.180	1,812.390	1,716.030	1,537.840	16.527
IPI:IPI00011201.1	ME2	NAD-dependent malic enzyme, mitochondrial	6	282.149	300.549	282.619	302.411	279.749	305.995	288.439	10.490
IPI:IPI00011209.8	KCTD10	Isoform 1 of BTB/POZ domain-containing protein KCTD10	1	67.881	64.230	71.249	55.095	53.772	53.195	67.787	3.511
IPI:IPI00011217.3	NDUFS4	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial	5	501.311	454.030	498.463	388.234	456.102	407.116	484.601	26.514
IPI:IPI00011229.1	CTSD	Cathepsin D	26	1,720.230	1,761.380	1,844.190	1,455.550	1,483.650	1,369.550	1,775.267	63.136
IPI:IPI00011232.3	CALCOCO1	Isoform 1 of Calcium-binding and coiled-coil domain-containing protein 1	2	80.800	97.072	82.487	367.369	333.432	385.904	86.786	8.947
IPI:IPI00011250.3	UCHL3	Ubiquitin carboxyl-terminal hydrolase isozyme L3	5	282.260	313.041	291.399	323.237	289.024	299.196	295.567	15.808
IPI:IPI00011253.3	RPS3	40S ribosomal protein S3	15	1,373.350	1,393.810	1,333.980	1,307.900	1,234.380	1,302.370	1,367.047	30.409
IPI:IPI00011268.2	RALY	RNA binding protein, autoantigenic (HnRNP-associated with lethal yellow homolog (Mouse)), isoform CRA_a (Fragment)	7	478.962	456.563	462.235	479.319	483.854	491.258	465.920	11.645
IPI:IPI00011274.3	HNRPDL	Isoform 1 of Heterogeneous nuclear ribonucleoprotein D-like	18	886.911	1,102.960	919.450	813.266	657.224	780.039	969.774	116.485
IPI:IPI00011284.1	COMT	Isoform Membrane-bound of Catechol O-methyltransferase	25	1,266.080	1,311.160	1,371.480	1,379.890	1,374.770	1,364.100	1,316.240	52.883
IPI:IPI00011285.1	CAPN1	Calpain-1 catalytic subunit	6	352.557	369.609	342.752	309.771	311.280	319.835	354.973	13.590
IPI:IPI00011302.1	CD59	CD59 glycoprotein	7	489.289	437.167	473.123	382.683	450.249	415.363	466.526	26.680
IPI:IPI00011307.4	MTHFD2	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial	9	566.494	532.875	547.505	407.005	413.245	398.880	548.958	16.857
IPI:IPI00011416.2	ECH1	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial	10	811.707	778.259	776.492	612.612	712.602	709.418	788.819	19.841
IPI:IPI00011454.1	GANAB	Isoform 2 of Neutral alpha-glucosidase AB	14	947.198	909.240	873.216	1,083.500	996.905	1,090.520	909.885	36.995
IPI:IPI00011461.5	STRN3	Isoform Beta of Striatin-3	8	436.324	390.596	433.652	420.857	469.464	438.434	420.191	25.665
IPI:IPI00011488.4	STK4	Isoform 1 of Serine/threonine-protein kinase 4	7	406.147	373.140	398.774	396.199	423.966	406.486	392.687	17.325
IPI:IPI00011511.1	CECR5	Isoform 2 of Cat eye syndrome critical region protein 5	2	51.826	54.415	51.468	62.943	50.751	56.549	52.569	1.608
IPI:IPI00011528.1	CSTF1	Cleavage stimulation factor 50 kDa subunit	1	70.232	72.363	71.777	95.966	82.504	84.695	71.457	1.101
IPI:IPI00011549.1	TRAF1	TNF receptor-associated factor 1	1	47.141	47.766	45.349	43.765	38.923	45.429	46.752	1.255
IPI:IPI00011551.1	TRIM4	Isoform Beta of Tripartite motif-containing protein 4	1	44.534	41.768	49.241	54.555	63.879	53.060	45.181	3.778
IPI:IPI00011564.1	SDC4	Syndecan-4	1	53.658	50.715	47.534	142.108	128.370	134.723	50.636	3.063
IPI:IPI00011569.2	ACACA	Isoform 1 of Acetyl-CoA carboxylase 1	6	430.264	416.231	433.080	413.230	446.662	439.737	426.525	9.025
IPI:IPI00011578.1	NPTN	Isoform 1 of Neuroplastin	6	592.378	641.116	622.552	448.620	445.323	424.503	618.682	24.598
IPI:IPI00011590.1	FOSL1	Fos-related antigen 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011592.3	DYNC1LI2	Cytoplasmic dynein 1 light intermediate chain 2	15	803.215	796.514	755.060	866.920	888.096	883.581	784.930	26.084
IPI:IPI00011593.1	FOSL2	Fos-related antigen 2	1	63.079	61.113	66.187	46.792	46.278	47.046	63.459	2.558
IPI:IPI00011603.2	PSMD3	26S proteasome non-ATPase regulatory subunit 3	10	509.500	518.624	477.970	548.833	534.534	558.957	502.031	21.331
IPI:IPI00011604.1	GCSH;LOC73	Glycine cleavage system H protein, mitochondrial	3	162.395	146.927	163.604	137.102	162.497	148.907	157.642	9.299
IPI:IPI00011609.4	UBE3A	Isoform II of Ubiquitin-protein ligase E3A	2	209.189	201.519	216.857	212.919	238.544	209.122	209.188	7.669
IPI:IPI00011618.4	RBM9	RNA binding motif protein 9 isoform 2	1	46.427	46.532	51.112	31.092	32.769	25.262	48.024	2.675
IPI:IPI00011619.4	PAPSS1	Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1	5	495.681	536.007	477.509	484.954	449.674	484.664	503.066	29.940
IPI:IPI00011631.6	ZW10	Centromere/kinetochore protein zw10 homolog	8	336.686	342.524	346.344	344.362	358.948	375.450	341.851	4.864
IPI:IPI00011635.3	BCL2L13	Isoform 2 of Bcl-2-like protein 13	4	136.301	160.201	142.761	187.103	148.409	183.407	146.421	12.363

IPI:IPI00010872.3	0.000	0.000	n/a	n/a	4	203.423	179.619	209.328	212.421	256.016	239.380	197.457	15.727	235.939	22.000	0.257	0.07595900
IPI:IPI00010882.3	0.000	0.000	n/a	n/a	4	167.468	148.224	166.083	176.464	173.561	162.770	160.592	10.733	170.932	7.216	0.090	0.24795844
IPI:IPI00010896.3	1,681.397	19.618	0.053	0.24013057	52	1,280.830	1,323.190	1,255.140	1,430.390	1,335.360	1,428.330	1,286.387	34.364	1,398.027	54.281	0.120	0.04921213
IPI:IPI00010948.2	0.000	0.000	n/a	n/a	2	111.839	121.582	113.035	104.692	106.754	102.800	115.485	5.314	104.749	1.978	-0.141	0.05875016
IPI:IPI00010949.3	0.000	0.000	n/a	n/a	1	83.983	74.726	84.803	37.910	44.944	38.579	81.171	5.596	40.478	3.882	-1.004	0.00087651
IPI:IPI00010951.2	0.000	0.000	n/a	n/a	3	124.514	133.507	117.626	132.481	132.857	145.687	125.216	7.964	137.008	7.518	0.130	0.13586516
IPI:IPI00011062.1	82.899	16.419	0.391	0.16208792	1	21.988	19.594	21.548	8.007	14.137	12.457	21.043	1.274	11.534	3.167	-0.867	0.02281186
IPI:IPI00011074.2	0.000	0.000	n/a	n/a	1	45.188	40.151	46.704	45.229	48.444	41.656	44.014	3.430	45.110	3.396	0.035	0.71514690
IPI:IPI00011077.4	242.482	6.000	0.117	0.05036995	2	102.532	93.484	107.129	61.111	65.394	65.928	101.048	6.942	64.144	2.641	-0.656	0.00584797
IPI:IPI00011090.3	0.000	0.000	n/a	n/a	1	63.607	86.288	66.502	57.530	35.504	56.440	72.133	12.345	49.825	12.414	-0.534	0.09221755
IPI:IPI00011102.2	81.846	5.799	0.032	0.66183662	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011107.2	764.410	18.535	0.051	0.12218763	47	2,632.410	2,684.980	2,594.030	2,126.370	2,052.360	2,128.570	2,637.140	45.659	2,102.433	43.379	-0.327	0.00012674
IPI:IPI00011118.2	47.677	8.796	-2.175	0.00371122	6	236.267	228.209	225.814	368.469	361.011	360.859	230.097	5.476	363.446	4.350	0.660	0.00000823
IPI:IPI00011126.6	1,188.573	16.150	0.019	0.40596927	24	954.184	986.772	964.575	1,090.130	1,044.790	1,081.810	968.510	16.647	1,072.243	24.136	0.147	0.00525907
IPI:IPI00011167.1	102.504	4.314	-0.074	0.29380749	2	92.148	101.046	96.542	132.800	124.606	127.121	96.578	4.449	128.176	4.198	0.408	0.00088026
IPI:IPI00011180.4	0.000	0.000	n/a	n/a	1	25.756	25.040	25.409	44.921	42.001	47.980	25.402	0.358	44.967	2.990	0.824	0.00705383
IPI:IPI00011200.5	1,771.867	49.972	0.204	0.00916118	29	1,195.090	1,161.000	1,209.600	1,361.610	1,434.030	1,390.060	1,188.563	24.949	1,395.233	36.486	0.231	0.00211304
IPI:IPI00011201.1	296.052	14.232	0.038	0.50084993	12	503.378	574.320	507.716	299.442	264.776	302.083	528.471	39.765	288.767	20.819	-0.872	0.00260745
IPI:IPI00011209.8	54.021	0.974	-0.327	0.01557558	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011217.3	417.151	35.029	-0.216	0.06088173	8	420.520	456.932	416.967	432.794	371.399	420.007	431.473	22.120	408.067	32.392	-0.080	0.36758624
IPI:IPI00011229.1	1,436.250	59.448	-0.306	0.00251508	98	2,517.410	2,407.310	2,506.070	2,631.900	2,710.800	2,614.230	2,476.930	60.559	2,652.310	51.419	0.099	0.01965801
IPI:IPI00011232.3	362.235	26.610	2.061	0.00134516	2	47.951	44.582	49.989	60.275	67.175	54.384	47.507	2.730	60.611	6.402	0.351	0.05462326
IPI:IPI00011250.3	303.819	17.569	0.040	0.57840402	8	362.103	336.445	366.298	317.161	353.443	328.313	354.949	16.161	332.972	18.584	-0.092	0.19870394
IPI:IPI00011253.3	1,281.550	40.944	-0.093	0.04846251	14	757.688	714.929	755.932	390.020	457.690	422.056	742.850	24.196	423.255	33.851	-0.812	0.00033270
IPI:IPI00011268.2	484.810	6.027	0.057	0.08815842	12	661.792	662.677	666.224	789.682	820.400	783.875	663.564	2.345	797.986	19.627	0.266	0.00644368
IPI:IPI00011274.3	750.176	82.196	-0.370	0.06274610	33	1,561.360	1,477.750	1,487.780	1,218.370	1,218.980	1,225.050	1,508.963	45.653	1,220.800	3.693	-0.306	0.00794691
IPI:IPI00011284.1	1,372.920	8.056	0.061	0.20248633	12	713.707	741.295	735.482	560.222	521.178	566.590	730.161	14.543	549.330	24.587	-0.411	0.00112794
IPI:IPI00011285.1	313.629	5.428	-0.179	0.02221956	14	557.143	486.574	561.069	349.932	383.939	367.326	534.929	41.922	367.066	17.005	-0.543	0.01114281
IPI:IPI00011302.1	416.098	33.789	-0.165	0.11620809	10	367.343	334.915	354.764	357.551	380.086	378.149	352.341	16.349	371.929	12.489	0.078	0.17959835
IPI:IPI00011307.4	406.377	7.203	-0.434	0.00148183	25	1,053.800	1,025.480	1,057.920	1,344.270	1,279.460	1,351.020	1,045.733	17.660	1,324.917	39.511	0.341	0.00220235
IPI:IPI00011416.2	678.211	56.832	-0.218	0.06497128	46	2,307.860	2,331.880	2,316.170	2,135.850	2,096.550	2,104.550	2,318.637	12.199	2,112.317	20.769	-0.134	0.00044171
IPI:IPI00011454.1	1,056.975	52.140	0.216	0.01998056	31	1,339.980	1,323.790	1,325.440	815.863	876.596	860.317	1,329.737	8.909	850.925	31.437	-0.644	0.00068987
IPI:IPI00011461.5	442.918	24.612	0.076	0.33066659	4	155.551	154.889	145.242	189.979	172.618	188.886	151.894	5.770	183.828	9.723	0.275	0.01351249
IPI:IPI00011488.4	408.884	14.038	0.058	0.27955047	5	221.649	184.854	212.869	241.848	266.355	238.847	206.457	19.217	249.017	15.090	0.270	0.04216148
IPI:IPI00011511.1	56.748	6.098	0.110	0.35740408	7	263.415	299.479	284.047	247.767	231.418	248.592	282.314	18.094	242.592	9.686	-0.219	0.04283803
IPI:IPI00011528.1	87.722	7.223	0.296	0.05688279	3	108.136	178.877	108.352	215.052	95.073	181.264	131.788	40.780	163.796	61.867	0.314	0.50206527
IPI:IPI00011549.1	42.706	3.380	-0.131	0.16364284	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011551.1	57.164	5.863	0.339	0.04996036	5	151.641	141.124	145.474	180.664	195.589	181.581	146.080	5.285	185.945	8.365	0.348	0.00407266
IPI:IPI00011564.1	135.067	6.875	1.415	0.00049119	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011569.2	433.210	17.646	0.022	0.60347064	7	236.339	224.639	248.068	216.226	224.993	222.665	236.349	11.715	221.295	4.541	-0.095	0.14413149
IPI:IPI00011578.1	439.482	13.077	-0.493	0.00144381	3	103.615	102.118	100.261	156.051	155.622	160.529	101.998	1.680	157.401	2.718	0.626	0.00003626
IPI:IPI00011590.1	0.000	0.000	n/a	n/a	2	135.526	140.865	119.041	54.882	52.995	64.752	131.811	11.376	57.543	6.314	-1.196	0.00185279
IPI:IPI00011592.3	879.532	11.153	0.164	0.01361919	10	554.010	508.739	549.279	506.435	540.061	516.246	537.343	24.884	520.914	17.292	-0.045	0.40699992
IPI:IPI00011593.1	46.705	0.391	-0.442	0.00666807	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011603.2	547.441	12.271	0.125	0.04536594	17	475.538	481.106	459.928	452.857	453.111	454.305	472.191	10.979	453.424	0.773	-0.059	0.09703285
IPI:IPI00011604.1	149.502	12.708	-0.076	0.42573947	7	240.555	222.143	236.554	204.416	219.253	198.951	233.084	9.684	207.540	10.505	-0.167	0.03670620
IPI:IPI00011609.4	220.195	16.004	0.074	0.36463917	4	151.469	160.699	153.975	248.453	225.919	241.586	155.381	4.773	238.653	11.550	0.619	0.00238832
IPI:IPI00011618.4	29.708	3.940	-0.693	0.00412811	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011619.4	473.097	20.286	-0.089	0.23421923	9	425.500	431.122	435.360	401.413	394.403	393.757	430.661	4.946	396.524	4.246	-0.119	0.00091302
IPI:IPI00011631.6	359.587	15.554	0.073	0.17967752	10	389.036	376.331	368.829	322.623	332.346	329.131	378.065	10.215	328.033	4.954	-0.205	0.00530960
IPI:IPI00011635.3	172.973	21.353	0.240	0.15345193	8	379.089	380.308	378.170	356.364	359.482	363.565	379.189	1.073	359.804	3.611	-0.076	0.00731469

IPI:IPI00011654.2	TUBB	Tubulin beta chain	111	6,920.410	7,144.450	7,187.810	6,374.030	6,428.650	6,284.890	7,084.223	143.514
IPI:IPI00011675.1	SP100	Isoform Sp100-HMG of Nuclear autoantigen Sp-100	7	385.432	375.596	396.973	341.224	354.521	365.698	386.000	10.700
IPI:IPI00011676.2	WASL	Neural Wiskott-Aldrich syndrome protein	3	211.929	239.088	219.857	206.682	193.595	206.419	223.625	13.966
IPI:IPI00011693.4	C16orf42	UPF0293 protein C16orf42	2	18.683	19.860	16.316	22.085	23.674	21.491	18.286	1.805
IPI:IPI00011698.4	SAP18	Sin3A-associated protein, 18kDa	3	154.929	139.916	162.382	141.619	162.217	155.484	152.409	11.443
IPI:IPI00011702.4	KIAA0406	Uncharacterized protein KIAA0406	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011726.1	RTCD1	Isoform 1 of RNA 3'-terminal phosphate cyclase	5	148.533	140.136	158.416	169.423	178.833	166.473	149.028	9.150
IPI:IPI00011736.3	PIK3R2	Phosphatidylinositol 3-kinase regulatory subunit beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011756.6	MEIS1	Isoform 1 of Homeobox protein Meis1	1	56.207	60.335	54.389	50.388	53.082	52.979	56.977	3.047
IPI:IPI00011770.1	NDUFA4	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4	2	218.587	177.321	201.159	163.816	223.942	178.675	199.022	20.716
IPI:IPI00011834.2	ZBTB17	Isoform 1 of Zinc finger and BTB domain-containing protein 17	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011836.2	USP4	Isoform UNPEL of Ubiquitin carboxyl-terminal hydrolase 4	2	142.550	167.448	138.011	165.564	146.398	169.984	149.336	15.849
IPI:IPI00011857.1	CHAF1B	Chromatin assembly factor 1 subunit B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011875.1	IK	Protein Red	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011876.3	MTAP	cDNA FLJ59758, highly similar to S-methyl-5-thioadenosine phosphorylase	3	61.803	62.528	60.942	57.398	57.911	61.373	61.758	0.794
IPI:IPI00011898.3	EIF2B5	Translation initiation factor eIF-2B subunit epsilon	1	22.444	28.533	19.256	23.881	21.753	23.813	23.411	4.713
IPI:IPI00011913.1	HNRNPA0	Heterogeneous nuclear ribonucleoprotein A0	4	259.725	281.723	267.576	244.689	233.625	244.803	269.675	11.148
IPI:IPI00011916.1	AIMP2	Multisynthetase complex auxiliary component p38	3	203.794	195.326	207.658	213.079	225.274	220.169	202.259	6.308
IPI:IPI00011932.8	HSPA12A	Heat shock 70 kDa protein 12A	2	57.466	61.893	53.921	71.391	61.934	70.925	57.760	3.994
IPI:IPI00011933.3	CP110	Isoform 1 of Centrosomal protein of 110 kDa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011937.1	PRDX4	Peroxiredoxin-4	10	658.774	576.618	582.414	761.393	705.480	726.607	605.935	45.851
IPI:IPI00011951.2	KIAA0427	Isoform 2 of Uncharacterized protein KIAA0427	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00011996.5	UBE2Z	Isoform 1 of Ubiquitin-conjugating enzyme E2 Z	8	387.251	472.519	378.347	434.179	367.961	437.283	412.706	51.991
IPI:IPI00011998.1	BCAR1	Breast cancer anti-estrogen resistance 1	7	437.961	484.293	453.046	450.212	403.185	432.702	458.433	23.631
IPI:IPI00012007.6	AHCY	Adenosylhomocysteinase	21	1,583.750	1,543.930	1,567.010	1,745.770	1,743.570	1,776.040	1,564.897	19.994
IPI:IPI00012011.6	CFL1	Cofilin-1	86	6,073.730	6,385.750	6,091.270	5,927.060	6,004.670	5,758.900	6,183.583	175.301
IPI:IPI00012028.2	STX17	Syntaxin-17	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012035.2	CD46	Isoform A of Membrane cofactor protein	6	344.728	295.380	348.747	406.913	445.198	401.057	329.618	29.719
IPI:IPI00012048.1	NME1	Isoform 1 of Nucleoside diphosphate kinase A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012066.2	PCBP2	poly(rC) binding protein 2 isoform b	10	916.345	996.553	870.237	984.436	830.513	969.466	927.712	63.921
IPI:IPI00012069.1	NQO1	NAD(P)H dehydrogenase [quinone] 1	22	1,191.840	1,189.140	1,176.040	1,240.220	1,330.120	1,314.570	1,185.673	8.451
IPI:IPI00012074.3	HNRNPR	Heterogeneous nuclear ribonucleoprotein R	28	2,162.700	2,186.830	2,134.190	2,030.420	1,984.380	2,042.130	2,161.240	26.350
IPI:IPI00012079.3	EIF4B	cDNA FLJ54492, highly similar to Eukaryotic translation initiation factor 4B	21	1,019.450	990.139	966.316	970.664	983.415	985.065	991.968	26.614
IPI:IPI00012102.1	GNS	N-acetylglucosamine-6-sulfatase	8	858.430	869.336	887.084	812.712	826.123	757.780	871.617	14.463
IPI:IPI00012119.1	DCN	Isoform A of Decorin	1	97.366	105.124	95.582	189.962	166.966	189.894	99.357	5.073
IPI:IPI00012149.1	MPHOSPH10	U3 small nucleolar ribonucleoprotein protein MPP10	3	114.791	110.002	117.356	116.506	112.884	113.124	114.050	3.733
IPI:IPI00012198.4	C1orf50	Uncharacterized protein C1orf50	1	60.499	50.333	59.066	46.949	57.655	49.539	56.632	5.503
IPI:IPI00012199.1	CCDC86	Coiled-coil domain-containing protein 86	4	374.693	349.495	361.879	328.909	343.727	342.684	362.022	12.600
IPI:IPI00012202.1	WDR77	Methylosome protein 50	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012235.3	NDFIP1	Isoform 1 of NEDD4 family-interacting protein 1	2	35.185	35.396	37.659	101.425	98.190	98.852	36.080	1.371
IPI:IPI00012268.3	PSMD2	26S proteasome non-ATPase regulatory subunit 2	19	1,175.590	1,168.230	1,150.750	1,168.660	1,176.330	1,158.040	1,164.857	12.759
IPI:IPI00012301.1	GPS2	G protein pathway suppressor 2	1	28.845	27.535	26.361	25.075	23.325	24.612	27.580	1.242
IPI:IPI00012303.3	SELENBP1	cDNA FLJ55757, highly similar to Selenium-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012313.3	GOLPH3L	Golgi phosphoprotein 3-like	2	138.928	126.894	145.226	163.595	190.136	163.786	137.016	9.314
IPI:IPI00012336.3	ZFX	ZFX protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012340.1	SFRS9	Splicing factor, arginine/serine-rich 9	5	380.263	379.886	390.613	308.548	316.888	313.014	383.587	6.087
IPI:IPI00012341.1	SFRS5	Isoform SRP40-1 of Splicing factor, arginine/serine-rich 5	3	146.422	146.121	150.617	101.872	115.031	109.446	147.720	2.513
IPI:IPI00012345.2	SFRS6	Isoform SRP55-1 of Splicing factor, arginine/serine-rich 6	1	23.587	25.433	28.146	17.795	21.250	19.850	25.722	2.293
IPI:IPI00012353.1	MRPL3	39S ribosomal protein L3, mitochondrial	5	118.123	126.472	123.837	137.317	125.362	134.891	122.811	4.268
IPI:IPI00012369.1	MAD2L1	Mitotic spindle assembly checkpoint protein MAD2A	1	48.177	49.444	51.211	48.297	34.687	42.060	49.610	1.524
IPI:IPI00012382.3	SNRPA	U1 small nuclear ribonucleoprotein A	4	206.750	190.683	191.260	193.822	194.092	201.036	196.231	9.114
IPI:IPI00012391.3	APC	Isoform Long of Adenomatous polyposis coli protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012426.1	SCPEP1	Isoform 1 of Retinoid-inducible serine carboxypeptidase	1	247.668	248.844	255.327	44.093	59.901	56.359	250.613	4.125

IPI:IPI00011654.2	6,362.523	72.567	-0.155	0.00464587	125	5,436.660	5,658.850	5,471.240	5,459.830	5,280.640	5,609.570	5,522.250	119.556	5,450.013	164.685	-0.019	0.57555769
IPI:IPI00011675.1	353.814	12.252	-0.126	0.02742893	1	41.951	47.932	39.488	57.194	51.211	57.258	43.124	4.342	55.221	3.473	0.357	0.02139407
IPI:IPI00011676.2	202.232	7.481	-0.145	0.09972616	8	193.577	185.198	195.338	210.614	219.439	209.915	191.371	5.418	213.323	5.308	0.157	0.00745463
IPI:IPI00011693.4	22.417	1.128	0.294	0.03693534	1	36.174	33.388	33.708	36.498	35.342	37.335	34.423	1.525	36.391	1.001	0.080	0.14629317
IPI:IPI00011698.4	153.107	10.503	0.007	0.94203980	8	325.071	336.544	331.288	467.926	476.318	457.680	330.968	5.743	467.308	9.334	0.498	0.00010954
IPI:IPI00011702.4	0.000	0.000	n/a	n/a	1	41.202	45.335	38.038	70.488	66.580	68.215	41.525	3.659	68.428	1.963	0.721	0.00138715
IPI:IPI00011726.1	171.576	6.455	0.203	0.02990018	3	103.381	104.136	102.467	65.064	65.974	62.709	103.328	0.836	64.583	1.685	-0.678	0.00005901
IPI:IPI00011736.3	0.000	0.000	n/a	n/a	3	152.158	178.957	164.454	199.516	171.554	193.739	165.190	13.415	188.270	14.762	0.189	0.11626806
IPI:IPI00011756.6	52.150	1.526	-0.128	0.09312953	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011770.1	188.811	31.318	-0.076	0.66618693	4	235.076	226.326	221.560	269.829	288.732	261.963	227.654	6.855	273.508	13.758	0.265	0.01486079
IPI:IPI00011834.2	0.000	0.000	n/a	n/a	1	0.000	0.000	0.000	1.967	1.820	1.684	0.000	0.000	1.824	0.142	13.749	0.00201390
IPI:IPI00011836.2	160.649	12.538	0.105	0.38986799	2	36.877	38.014	31.957	29.980	29.538	30.378	35.616	3.220	29.965	0.420	-0.249	0.09157317
IPI:IPI00011857.1	0.000	0.000	n/a	n/a	1	116.563	98.232	121.697	116.249	149.703	119.230	112.164	12.336	128.394	18.514	0.195	0.28442096
IPI:IPI00011875.1	0.000	0.000	n/a	n/a	28	1,007.280	948.784	1,001.840	1,251.810	1,237.810	1,229.400	985.968	32.317	1,239.673	11.321	0.330	0.00247859
IPI:IPI00011876.3	58.894	2.162	-0.068	0.13696119	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011898.3	23.149	1.209	-0.016	0.93341639	1	15.381	17.928	15.348	21.522	18.503	23.545	16.219	1.481	21.190	2.537	0.386	0.05591296
IPI:IPI00011913.1	241.039	6.421	-0.162	0.02771838	10	452.841	399.806	432.667	508.872	603.429	529.530	428.438	26.769	547.277	49.714	0.353	0.03431329
IPI:IPI00011916.1	219.507	6.124	0.118	0.02736975	1	77.527	64.455	70.997	66.997	80.761	71.320	70.993	6.536	73.026	7.039	0.041	0.73319333
IPI:IPI00011932.8	68.083	5.331	0.237	0.05983825	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00011933.3	0.000	0.000	n/a	n/a	2	170.406	147.505	164.300	150.812	163.837	150.011	160.737	11.859	154.887	7.762	-0.053	0.52036453
IPI:IPI00011937.1	731.160	28.233	0.271	0.02267642	8	539.549	507.515	515.442	459.127	457.154	452.331	520.835	16.684	456.204	3.496	-0.191	0.01804883
IPI:IPI00011951.2	0.000	0.000	n/a	n/a	1	38.968	51.722	38.160	64.305	40.117	61.498	42.950	7.608	55.306	13.230	0.365	0.25049738
IPI:IPI00011996.5	413.141	39.158	0.002	0.99205941	9	329.702	318.512	314.446	388.274	388.346	389.148	320.887	7.900	388.589	0.485	0.276	0.00440033
IPI:IPI00011998.1	428.700	23.768	-0.097	0.19929698	3	150.566	162.012	150.025	195.729	186.000	189.363	154.201	6.770	190.364	4.941	0.304	0.00243276
IPI:IPI00012007.6	1,755.127	18.145	0.166	0.00027370	34	1,846.180	1,788.710	1,835.800	1,927.060	2,042.210	1,938.990	1,823.563	30.627	1,969.420	63.320	0.111	0.03949767
IPI:IPI00012011.6	5,896.877	125.634	-0.068	0.08955323	123	6,444.100	6,071.720	6,241.240	7,106.920	7,283.040	7,082.490	6,252.353	186.439	7,157.483	109.419	0.195	0.00420005
IPI:IPI00012028.2	0.000	0.000	n/a	n/a	1	62.552	80.859	61.629	86.072	64.006	85.168	68.347	10.846	78.416	12.487	0.198	0.35247318
IPI:IPI00012035.2	417.723	23.974	0.342	0.01763423	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012048.1	0.000	0.000	n/a	n/a	1	4.778	4.539	5.932	6.657	7.473	5.064	5.083	0.745	6.398	1.225	0.332	0.20224244
IPI:IPI00012066.2	928.138	84.877	0.001	0.99530353	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012069.1	1,294.970	48.048	0.127	0.05513152	6	466.322	533.036	456.945	59.968	46.679	65.484	485.434	41.490	57.377	9.667	-3.081	0.00205500
IPI:IPI00012074.3	2,018.977	30.528	-0.098	0.00389231	32	2,225.510	2,243.880	2,248.920	2,299.760	2,245.610	2,299.100	2,239.437	12.321	2,281.490	31.075	0.027	0.13073702
IPI:IPI00012079.3	979.715	7.881	-0.018	0.51624199	17	990.250	973.652	985.136	796.333	809.970	825.033	983.013	8.500	810.445	14.356	-0.278	0.00023312
IPI:IPI00012102.1	798.872	36.213	-0.126	0.05832416	11	1,152.830	1,206.440	1,158.030	973.326	960.125	969.711	1,172.433	29.565	967.721	6.822	-0.277	0.00496145
IPI:IPI00012119.1	182.274	13.257	0.875	0.00385873	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012149.1	114.171	2.025	0.002	0.96382208	15	638.490	621.587	637.456	738.109	711.613	715.870	632.511	9.475	721.864	14.229	0.191	0.00154913
IPI:IPI00012198.4	51.381	5.586	-0.140	0.31095781	2	63.256	64.036	70.289	97.786	83.700	93.728	65.860	3.855	91.738	7.251	0.478	0.01161657
IPI:IPI00012199.1	338.440	8.271	-0.097	0.06274629	1	47.673	44.422	49.265	16.137	20.939	17.988	47.120	2.469	18.355	2.422	-1.360	0.00013568
IPI:IPI00012202.1	0.000	0.000	n/a	n/a	2	37.392	37.920	36.209	16.572	19.087	17.003	37.174	0.877	17.554	1.345	-1.082	0.00009146
IPI:IPI00012235.3	99.489	1.709	1.463	0.00000207	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012268.3	1,167.677	9.185	0.003	0.77395738	21	998.147	1,058.380	1,004.350	1,039.150	980.555	1,028.260	1,020.292	33.130	1,015.988	31.166	-0.006	0.87800516
IPI:IPI00012301.1	24.337	0.907	-0.180	0.02535264	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012303.3	0.000	0.000	n/a	n/a	1	85.715	78.138	83.210	19.201	25.429	25.928	82.354	3.860	23.519	3.748	-1.808	0.00004624
IPI:IPI00012313.3	172.506	15.269	0.332	0.03559163	3	119.918	118.542	126.054	120.800	136.695	115.960	121.505	3.999	124.485	10.848	0.035	0.69145532
IPI:IPI00012336.3	0.000	0.000	n/a	n/a	1	21.903	19.035	20.870	34.239	37.449	32.227	20.603	1.452	34.638	2.634	0.750	0.00346786
IPI:IPI00012340.1	312.817	4.174	-0.294	0.00017526	11	573.049	580.033	576.456	614.226	598.611	596.393	576.513	3.492	603.077	9.719	0.065	0.03046003
IPI:IPI00012341.1	108.783	6.605	-0.441	0.00452540	14	405.146	406.341	404.897	500.411	492.273	483.572	405.461	0.772	492.085	8.421	0.279	0.00293485
IPI:IPI00012345.2	19.632	1.738	-0.390	0.02433811	10	326.466	284.503	323.506	352.581	403.455	346.006	311.492	23.420	367.347	31.442	0.238	0.07436086
IPI:IPI00012353.1	132.523	6.319	0.110	0.10149218	8	486.405	552.628	509.601	600.736	596.734	590.939	516.211	33.603	596.136	4.926	0.208	0.05146872
IPI:IPI00012369.1	41.681	6.813	-0.251	0.17664837	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012382.3	196.317	4.089	0.001	0.99008988	3	27.435	28.423	23.992	10.868	16.554	12.618	26.616	2.326	13.347	2.913	-0.996	0.00411116
IPI:IPI00012391.3	0.000	0.000	n/a	n/a	1	14.662	12.349	12.620	11.381	16.461	12.133	13.210	1.265	13.325	2.741	0.012	0.95384164
IPI:IPI00012426.1	53.451	8.296	-2.229	0.00005458	5	379.301	379.943	386.028	136.711	148.325	154.477	381.757	3.712	146.504	9.022	-1.382	0.00008170

IPI:IPI00012438.1	PRKRIR	Isoform Long of 52 kDa repressor of the inhibitor of the protein kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012440.7	FUCA2	Plasma alpha-L-fucosidase	3	59.676	52.579	57.637	49.032	55.595	54.529	56.631	3.653
IPI:IPI00012442.1	G3BP1	Ras GTPase-activating protein-binding protein 1	12	842.539	777.841	815.254	802.616	811.485	772.407	811.878	32.481
IPI:IPI00012443.1	FIBP	Isoform Long of Acidic fibroblast growth factor intracellular-binding protein	3	143.704	142.074	133.300	127.303	133.435	131.621	139.693	5.596
IPI:IPI00012450.4	NMI	N-myc-interactor	7	379.967	402.842	392.830	482.926	458.905	475.217	391.880	11.467
IPI:IPI00012451.3	GNB4	Guanine nucleotide-binding protein subunit beta-4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012462.1	EIF2A	Eukaryotic translation initiation factor 2A	16	1,468.450	1,481.950	1,471.110	1,463.960	1,500.370	1,494.910	1,473.837	7.151
IPI:IPI00012463.4	TATDN1	Isoform 1 of Putative deoxyribonuclease TATDN1	4	154.263	170.504	153.065	183.662	161.909	186.522	159.277	9.741
IPI:IPI00012474.3	TMEM35	Transmembrane protein 35	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012483.3	IFI27L2	Interferon alpha-inducible protein 27-like protein 2	1	60.522	72.607	58.762	57.969	44.181	58.527	63.964	7.537
IPI:IPI00012490.1	ATP2B4	Isoform XD of Plasma membrane calcium-transporting ATPase 4	37	1,681.630	1,679.920	1,699.120	1,823.900	1,782.340	1,789.620	1,686.890	10.626
IPI:IPI00012493.1	RPS20	40S ribosomal protein S20	11	600.304	586.127	592.760	488.762	479.368	478.635	593.064	7.093
IPI:IPI00012497.2	ADRBK1	Beta-adrenergic receptor kinase 1	3	54.166	48.042	55.837	39.924	59.087	48.151	52.682	4.104
IPI:IPI00012500.1	BRIP1	Isoform 1 of Fanconi anemia group J protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012503.1	PSAP	Isoform Sap-mu-0 of Proactivator polypeptide	25	1,229.400	1,353.990	1,218.320	2,991.060	2,667.480	2,890.820	1,267.237	75.335
IPI:IPI00012512.2	RRAS2	cDNA FLJ61162, highly similar to Ras-related protein R-Ras2	6	440.558	449.010	406.220	529.891	503.352	537.969	431.929	22.662
IPI:IPI00012535.1	DNAJA1	DnaJ homolog subfamily A member 1	14	1,097.410	1,080.290	1,082.490	1,034.950	1,081.180	1,086.430	1,086.730	9.314
IPI:IPI00012545.2	TGOLN2	Isoform TGN51 of Trans-Golgi network integral membrane protein 2	9	541.023	563.207	584.099	556.433	560.286	530.461	562.776	21.541
IPI:IPI00012549.1	PCDHGA11	Isoform 2 of Protocadherin gamma-A11	1	9.743	9.090	8.284	19.995	16.553	17.342	9.039	0.731
IPI:IPI00012575.1	PIR	Pirin	1	20.057	20.100	22.594	22.707	25.074	20.488	20.917	1.452
IPI:IPI00012578.1	KPNA4	Importin subunit alpha-4	13	670.957	694.097	642.418	737.247	678.908	751.987	669.157	25.886
IPI:IPI00012585.1	HEXB	Beta-hexosaminidase subunit beta	15	1,170.050	1,172.670	1,151.970	861.084	859.879	872.339	1,164.897	11.271
IPI:IPI00012587.1	LOC731292;	Phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	1	47.665	43.517	44.421	57.547	52.254	55.391	45.201	2.181
IPI:IPI00012718.2	ID1	Isoform ID-A of DNA-binding protein inhibitor ID-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012726.4	PABPC4	Isoform 1 of Polyadenylate-binding protein 4	14	1,144.920	1,027.280	1,145.390	1,034.800	1,157.650	1,084.700	1,105.863	68.056
IPI:IPI00012728.1	ACSL1	Isoform 1 of Long-chain-fatty-acid--CoA ligase 1	6	244.636	234.963	250.388	292.491	302.233	285.921	243.329	7.795
IPI:IPI00012750.3	RPS25	40S ribosomal protein S25	9	741.827	740.010	740.723	597.432	579.334	596.676	740.853	0.915
IPI:IPI00012752.1	GRB10	Isoform 3 of Growth factor receptor-bound protein 10	1	8.120	7.078	8.752	10.101	14.006	7.571	7.984	0.846
IPI:IPI00012756.1	IFIT5	Interferon-induced protein with tetratricopeptide repeats 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012772.8	RPL8	60S ribosomal protein L8	11	908.152	792.857	922.187	559.956	647.120	586.409	874.399	70.965
IPI:IPI00012773.1	MTA1	Isoform Long of Metastasis-associated protein MTA1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012788.1	CD3EAP	Isoform 2 of DNA-directed RNA polymerase I subunit RPA34	1	44.944	48.832	42.927	44.716	49.334	46.151	45.568	3.001
IPI:IPI00012795.3	EIF3I	Eukaryotic translation initiation factor 3 subunit I	8	564.211	583.807	579.034	561.164	569.681	528.550	575.684	10.218
IPI:IPI00012828.3	ACAA1	3-ketoacyl-CoA thiolase, peroxisomal	3	208.877	225.926	209.899	249.060	235.931	246.979	214.901	9.562
IPI:IPI00012831.2	HBXIP	hepatitis B virus x-interacting protein	1	41.809	47.639	37.987	52.198	44.323	51.738	42.478	4.861
IPI:IPI00012833.1	PPP4C	Serine/threonine-protein phosphatase 4 catalytic subunit	1	260.220	221.106	266.711	248.619	292.504	262.046	249.346	24.671
IPI:IPI00012834.4	PPP2R5C	Isoform Gamma-3 of Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform	2	178.080	168.288	181.823	165.837	200.054	168.350	176.064	6.989
IPI:IPI00012835.1	CTBP1	C-terminal-binding protein 1	1	102.418	113.562	103.167	106.966	106.770	96.259	106.382	6.229
IPI:IPI00012837.1	KIF5B	Kinesin-1 heavy chain	68	4,337.200	4,302.210	4,395.480	4,015.870	4,071.740	4,043.740	4,344.963	47.117
IPI:IPI00012843.2	PDE3B	cGMP-inhibited 3',5'-cyclic phosphodiesterase B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012851.2	ATP8B1	Probable phospholipid-transporting ATPase IC	2	32.572	24.323	33.721	64.004	63.134	66.329	30.205	5.126
IPI:IPI00012856.1	FOXO3B;FOX	Forkhead box protein O3	2	103.843	104.676	107.156	111.821	110.545	114.413	105.225	1.723
IPI:IPI00012865.1	PLD1	Isoform PLD1A of Phospholipase D1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00012866.2	AKT1	RAC-alpha serine/threonine-protein kinase	1	62.542	48.268	65.003	51.851	63.726	62.381	58.604	9.036
IPI:IPI00012870.1	AKT2	RAC-beta serine/threonine-protein kinase	2	121.887	116.572	122.280	114.534	115.843	126.679	120.246	3.188
IPI:IPI00012885.1	PTK2	Isoform 1 of Focal adhesion kinase 1	4	360.555	347.459	362.733	364.857	394.771	375.791	356.916	8.262
IPI:IPI00012912.1	CPT2	Carnitine O-palmitoyltransferase 2, mitochondrial	7	447.483	455.384	442.907	529.459	496.920	535.665	448.591	6.312
IPI:IPI00012970.1	PPP6C	Serine/threonine-protein phosphatase 6 catalytic subunit	1	98.131	159.475	100.072	149.880	82.477	142.557	119.226	34.870
IPI:IPI00012998.2	CPSF6	Isoform 1 of Cleavage and polyadenylation specificity factor subunit 6	3	429.589	476.329	424.480	474.947	407.704	478.744	443.466	28.575
IPI:IPI00013004.1	PDXK	Isoform 1 of Pyridoxal kinase	5	192.186	180.633	198.656	220.198	240.104	231.545	190.492	9.130
IPI:IPI00013009.1	WWP1	Isoform 1 of NEDD4-like E3 ubiquitin-protein ligase WWP1	1	1.645	0.000	2.168	0.000	0.000	1.843	1.271	1.131

IPI:IPI00012438.1	0.000	0.000	n/a	n/a	2	73.390	55.687	57.918	80.495	91.917	84.884	62.332	9.642	85.765	5.762	0.460	0.03164196
IPI:IPI00012440.7	53.052	3.522	-0.094	0.28910667	1	30.036	24.727	27.784	14.491	18.450	17.086	27.516	2.665	16.675	2.011	-0.723	0.00610861
IPI:IPI00012442.1	795.503	20.487	-0.029	0.50893354	13	653.429	637.721	635.180	603.128	657.245	633.131	642.110	9.885	631.168	27.112	-0.025	0.56650727
IPI:IPI00012443.1	130.786	3.150	-0.095	0.09153941	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012450.4	472.349	12.265	0.269	0.00117722	15	670.801	740.070	651.044	901.951	768.417	866.662	687.305	46.751	845.677	69.196	0.299	0.03678979
IPI:IPI00012451.3	0.000	0.000	n/a	n/a	1	74.160	69.951	68.786	60.015	68.379	62.845	70.966	2.827	63.746	4.254	-0.155	0.08017430
IPI:IPI00012462.1	1,486.413	19.636	0.012	0.38677977	17	512.420	508.579	518.563	675.991	628.906	666.182	513.187	5.036	657.026	24.842	0.356	0.00782121
IPI:IPI00012463.4	177.364	13.461	0.155	0.13973036	10	406.925	403.449	406.060	554.791	553.397	548.214	405.478	1.810	552.134	3.466	0.445	0.00000771
IPI:IPI00012474.3	0.000	0.000	n/a	n/a	1	131.886	170.611	144.819	5.496	10.592	11.850	149.105	19.715	9.313	3.365	-4.001	0.00546598
IPI:IPI00012483.3	53.559	8.126	-0.256	0.17972380	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012490.1	1,798.620	22.194	0.093	0.00500439	11	451.396	447.932	433.880	141.128	159.500	154.021	444.403	9.276	151.550	9.432	-1.552	0.00000320
IPI:IPI00012493.1	482.255	5.647	-0.298	0.00004412	22	895.496	903.378	851.184	1,273.920	1,206.780	1,257.060	883.353	28.136	1,245.920	34.929	0.496	0.00019913
IPI:IPI00012497.2	49.054	9.613	-0.103	0.59511437	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012500.1	0.000	0.000	n/a	n/a	1	31.811	32.180	32.827	29.781	28.636	28.127	32.272	0.514	28.848	0.847	-0.162	0.00710202
IPI:IPI00012503.1	2,849.787	165.647	1.169	0.00093273	57	4,785.200	4,691.450	4,705.790	2,336.840	2,428.630	2,424.610	4,727.480	50.499	2,396.693	51.873	-0.980	0.00000064
IPI:IPI00012512.2	523.737	18.110	0.278	0.00619669	4	225.319	207.255	228.920	87.132	101.440	96.463	220.498	11.609	95.012	7.263	-1.215	0.00028831
IPI:IPI00012535.1	1,067.520	28.328	-0.026	0.36375130	23	1,296.760	1,289.220	1,273.240	1,501.360	1,489.940	1,456.500	1,286.407	12.010	1,482.600	23.313	0.205	0.00100879
IPI:IPI00012545.2	549.060	16.222	-0.036	0.43216056	2	146.084	138.408	158.726	143.402	164.605	155.322	147.739	10.260	154.443	10.629	0.064	0.47730156
IPI:IPI00012549.1	17.963	1.803	0.991	0.00651990	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012575.1	22.756	2.293	0.122	0.31711652	5	178.309	175.179	190.884	222.314	239.209	222.725	181.457	8.312	228.083	9.638	0.330	0.00339648
IPI:IPI00012578.1	722.714	38.646	0.111	0.12707233	7	318.956	327.951	302.150	289.070	268.784	276.785	316.352	13.096	278.213	10.218	-0.185	0.01848068
IPI:IPI00012585.1	864.434	6.872	-0.430	0.00001778	11	1,107.720	1,043.860	1,124.250	505.764	543.798	517.300	1,091.943	42.454	522.287	19.501	-1.064	0.00035270
IPI:IPI00012587.1	55.064	2.662	0.285	0.00849606	1	83.716	91.583	89.442	93.407	80.169	91.634	88.247	4.067	88.403	7.186	0.003	0.97598449
IPI:IPI00012718.2	0.000	0.000	n/a	n/a	1	9.731	11.739	9.880	14.945	13.476	15.868	10.450	1.118	14.763	1.207	0.499	0.01066598
IPI:IPI00012726.4	1,092.383	61.784	-0.018	0.81380861	18	1,059.420	983.045	1,041.800	957.707	1,012.450	951.993	1,028.088	39.991	974.050	33.378	-0.078	0.14942415
IPI:IPI00012728.1	293.548	8.207	0.271	0.00157792	4	156.776	176.949	160.166	187.076	165.476	178.913	164.630	10.802	177.155	10.907	0.106	0.23050026
IPI:IPI00012750.3	591.147	10.238	-0.326	0.00145113	3	96.325	94.683	96.688	101.467	87.739	101.337	95.899	1.068	96.848	7.889	0.014	0.85877992
IPI:IPI00012752.1	10.559	3.242	0.403	0.30163028	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012756.1	0.000	0.000	n/a	n/a	2	65.980	68.035	68.081	81.421	84.159	85.483	67.365	1.200	83.687	2.072	0.313	0.00094948
IPI:IPI00012772.8	597.828	44.690	-0.549	0.00776819	32	927.926	948.013	958.455	1,727.870	1,673.150	1,692.160	944.798	15.516	1,697.727	27.781	0.846	0.00002214
IPI:IPI00012773.1	0.000	0.000	n/a	n/a	1	30.820	29.478	32.239	33.779	30.318	33.471	30.846	1.381	32.523	1.915	0.076	0.29229204
IPI:IPI00012788.1	46.734	2.364	0.036	0.62670700	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012795.3	553.132	21.710	-0.058	0.20699618	19	692.828	647.152	724.406	654.684	729.352	663.115	688.129	38.841	682.384	40.894	-0.012	0.86863240
IPI:IPI00012828.3	243.990	7.056	0.183	0.01583902	12	573.046	615.128	576.482	513.591	475.118	505.490	588.219	23.367	498.066	20.282	-0.240	0.00763490
IPI:IPI00012831.2	49.420	4.420	0.218	0.14241000	8	288.926	254.671	278.612	293.730	331.963	300.745	274.070	17.573	308.813	20.353	0.172	0.09044353
IPI:IPI00012833.1	267.723	22.487	0.103	0.39484991	1	8.877	8.260	8.254	8.946	8.896	7.061	8.464	0.358	8.301	1.074	-0.028	0.82322646
IPI:IPI00012834.4	178.080	19.071	0.016	0.87717129	1	28.431	25.786	26.329	33.761	32.123	36.865	26.849	1.397	34.250	2.408	0.351	0.01661243
IPI:IPI00012835.1	103.332	6.126	-0.042	0.57829089	4	80.160	81.368	77.195	62.294	71.371	64.707	79.574	2.147	66.124	4.701	-0.267	0.02368088
IPI:IPI00012837.1	4,043.783	27.935	-0.104	0.00175996	59	2,373.040	2,390.260	2,324.590	2,842.150	2,789.740	2,814.790	2,362.630	34.050	2,815.560	26.213	0.253	0.00008444
IPI:IPI00012843.2	0.000	0.000	n/a	n/a	1	23.749	31.712	25.780	52.451	47.721	55.030	27.080	4.138	51.734	3.707	0.934	0.00162888
IPI:IPI00012851.2	64.489	1.652	1.094	0.00405316	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012856.1	112.260	1.971	0.093	0.01007310	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00012865.1	0.000	0.000	n/a	n/a	1	114.738	81.554	111.726	133.276	184.352	131.835	102.673	18.351	149.821	29.913	0.545	0.09405336
IPI:IPI00012866.2	59.320	6.503	0.017	0.91914851	3	71.930	69.398	77.592	59.770	62.964	54.762	72.973	4.196	59.165	4.134	-0.303	0.01535414
IPI:IPI00012870.1	119.019	6.666	-0.015	0.79420653	7	259.555	245.939	263.396	353.156	362.588	354.423	256.297	9.173	356.722	5.119	0.477	0.00037113
IPI:IPI00012885.1	378.473	15.136	0.085	0.11647424	11	620.378	606.912	621.215	748.124	748.977	752.145	616.168	8.027	749.749	2.119	0.283	0.00062505
IPI:IPI00012912.1	520.681	20.811	0.215	0.01949115	8	501.276	434.900	502.945	396.902	481.501	434.932	479.707	38.813	437.778	42.371	-0.132	0.27615083
IPI:IPI00012970.1	124.971	36.983	0.068	0.85492830	5	401.842	445.349	413.260	199.577	187.403	201.032	420.150	22.557	196.004	7.484	-1.100	0.00150666
IPI:IPI00012998.2	453.798	39.964	0.033	0.73649534	11	439.497	463.780	446.797	556.314	528.090	564.449	450.025	12.459	549.618	19.082	0.288	0.00292099
IPI:IPI00013004.1	230.616	9.985	0.276	0.00696426	6	108.155	100.078	110.161	72.600	74.680	68.527	106.131	5.337	71.936	3.130	-0.561	0.00177137
IPI:IPI00013009.1	0.614	1.064	-1.049	0.50479465	1	0.000	2.967	0.000	2.687	2.114	1.871	0.989	1.713	2.224	0.419	1.169	0.33812868

IPI:IPI00013031.1	DUSP14	Dual specificity protein phosphatase 14	1	9.801	10.199	12.476	10.979	8.466	10.318	10.825	1.443
IPI:IPI00013068.1	EIF3E	Eukaryotic translation initiation factor 3 subunit E	12	673.433	654.001	663.988	662.157	665.805	660.063	663.807	9.717
IPI:IPI00013070.2	HNRNPUL1	Isoform 1 of Heterogeneous nuclear ribonucleoprotein U-like protein 1	11	671.593	620.989	669.683	666.801	758.879	699.222	654.088	28.681
IPI:IPI00013076.1	FGFR1OP	Isoform 1 of FGFR1 oncogene partner	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013079.2	EMILIN1	EMILIN-1	1	6.430	7.258	5.348	5.149	4.515	5.795	6.346	0.958
IPI:IPI00013107.3	SFRS16	Isoform 1 of Splicing factor, arginine/serine-rich 16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013122.1	CDC37	Hsp90 co-chaperone Cdc37	30	1,724.760	1,669.120	1,673.690	1,536.670	1,565.840	1,563.720	1,689.190	30.889
IPI:IPI00013146.1	MRPS22	28S ribosomal protein S22, mitochondrial	6	332.354	298.820	325.311	306.587	342.610	309.760	318.828	17.682
IPI:IPI00013159.1	ETV6	Transcription factor ETV6	1	16.754	16.259	18.379	13.206	12.744	13.570	17.131	1.109
IPI:IPI00013160.2	LGTN	Isoform 1 of Ligatin	3	205.097	227.502	214.928	229.492	225.460	244.208	215.842	11.230
IPI:IPI00013167.1	MRPS25	28S ribosomal protein S25, mitochondrial	1	53.841	60.713	59.938	68.052	64.913	67.992	58.164	3.764
IPI:IPI00013174.2	RBM14;RBM4	Isoform 1 of RNA-binding protein 14	5	314.858	276.591	321.869	249.613	308.784	282.280	304.439	24.371
IPI:IPI00013178.5	WNT5A	Isoform 2 of Protein Wnt-5a	2	267.398	228.800	252.483	200.327	228.712	219.406	249.560	19.464
IPI:IPI00013180.2	BUD31	Protein BUD31 homolog	3	46.249	60.381	49.247	40.367	35.977	44.340	51.959	7.446
IPI:IPI00013183.7	UBA7	Ubiquitin-like modifier-activating enzyme 7	1	31.458	35.483	32.585	40.279	38.128	41.202	33.175	2.076
IPI:IPI00013184.1	ARD1A	N-terminal acetyltransferase complex ARD1 subunit homolog A	3	68.773	82.736	83.568	93.079	88.261	64.399	78.359	8.312
IPI:IPI00013185.8	KDM5C	Isoform 1 of Lysine-specific demethylase 5C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013193.3	MYO7A	Isoform 1 of Myosin-VIIa	1	30.182	34.240	30.311	10.623	8.917	9.254	31.578	2.306
IPI:IPI00013195.1	MRPL49	39S ribosomal protein L49, mitochondrial	2	37.673	44.306	35.374	42.120	26.171	42.093	39.118	4.638
IPI:IPI00013205.6	KDM4B	Isoform 1 of Lysine-specific demethylase 4B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013212.1	CSK	Tyrosine-protein kinase CSK	5	307.617	332.948	303.034	352.357	297.056	340.561	314.533	16.112
IPI:IPI00013214.2	MCM3	MCM3 minichromosome maintenance deficient 3 (S. cerevisiae), isoform CRA_b	1	86.571	78.147	80.983	62.864	62.046	61.086	81.901	4.286
IPI:IPI00013215.2	ORC1L	Origin recognition complex subunit 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013216.1	ORC2L	Origin recognition complex subunit 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013217.1	NFYB	Nuclear transcription factor Y subunit beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013219.1	ILK	Integrin-linked protein kinase	19	1,728.320	1,619.630	1,688.470	1,596.880	1,775.280	1,615.760	1,678.807	54.986
IPI:IPI00013236.3	VAMP7	Isoform 2 of Vesicle-associated membrane protein 7	1	4.545	7.020	4.303	9.774	8.280	8.997	5.290	1.504
IPI:IPI00013241.1	UBL5	Ubiquitin-like protein 5	4	286.786	297.314	282.922	241.323	217.719	251.720	289.007	7.449
IPI:IPI00013256.1	CSTF2	Isoform 1 of Cleavage stimulation factor 64 kDa subunit	3	103.838	105.182	114.242	104.587	101.037	103.074	107.754	5.659
IPI:IPI00013269.1	C6orf106	Isoform 1 of Uncharacterized protein C6orf106	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013272.1	GOLGA4	Isoform 1 of Golgin subfamily A member 4	33	2,195.220	2,137.420	2,194.760	2,238.830	2,287.200	2,336.120	2,175.800	33.239
IPI:IPI00013290.5	HDGF2	Isoform 1 of Hepatoma-derived growth factor-related protein 2	5	284.337	279.293	289.825	220.154	231.945	224.345	284.485	5.268
IPI:IPI00013296.3	RPS18;LOC1	40S ribosomal protein S18	10	982.094	1,156.810	938.812	729.357	623.622	722.027	1,025.905	115.414
IPI:IPI00013297.1	PDAP1	28 kDa heat- and acid-stable phosphoprotein	11	835.247	789.631	828.272	754.945	806.592	814.530	817.717	24.572
IPI:IPI00013313.3	NOL12	Nucleolar protein 12	1	44.363	43.698	52.713	46.199	51.329	47.554	46.925	5.024
IPI:IPI00013378.1	TOP3A	Isoform Long of DNA topoisomerase 3-alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013396.3	SNRPC	U1 small nuclear ribonucleoprotein C	7	523.994	451.968	537.532	450.062	513.283	465.547	504.498	45.993
IPI:IPI00013404.1	SMAD4	Mothers against decapentaplegic homolog 4	1	64.167	57.356	65.673	60.742	62.376	63.540	62.399	4.432
IPI:IPI00013409.1	BIRC3	Baculoviral IAP repeat-containing protein 3	1	13.124	20.297	27.463	22.362	12.164	16.986	20.295	7.170
IPI:IPI00013415.1	RPS7	40S ribosomal protein S7	14	931.890	953.154	1,045.270	805.684	752.540	744.173	976.771	60.267
IPI:IPI00013418.1	BIRC2	Baculoviral IAP repeat-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013449.1	TSPAN6	Tetraspanin-6	3	129.264	130.020	140.835	184.595	197.145	174.614	133.373	6.473
IPI:IPI00013452.9	EPRS	Bifunctional aminoacyl-tRNA synthetase	71	4,841.780	4,773.600	4,688.820	4,921.670	4,757.950	4,903.410	4,768.067	76.630
IPI:IPI00013454.4	RGS10	Isoform 1 of Regulator of G-protein signaling 10	7	449.625	424.436	465.155	363.858	403.186	377.937	446.405	20.550
IPI:IPI00013455.8	CLIP1	CLIP1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013457.1	ZNF207	Isoform 1 of Zinc finger protein 207	1	29.517	37.852	33.124	33.990	26.029	32.003	33.498	4.180
IPI:IPI00013459.1	NDUFB5	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013466.4	ASNA1	Arsenical pump-driving ATPase	8	449.434	447.006	447.957	499.599	497.546	490.230	448.132	1.223
IPI:IPI00013468.1	BUB3	Mitotic checkpoint protein BUB3	5	191.466	207.143	194.105	202.932	183.907	187.637	197.571	8.394
IPI:IPI00013475.1	TUBB2A	Tubulin beta-2A chain	6	136.385	146.273	142.627	131.764	135.087	140.995	141.762	5.000
IPI:IPI00013485.3	RPS2	40S ribosomal protein S2	23	2,446.300	2,206.890	2,425.090	2,191.970	2,457.870	2,204.500	2,359.427	132.526

IPI:IPI00013031.1	9.921	1.303	-0.126	0.46666534	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013068.1	662.675	2.906	-0.002	0.86281517	12	770.070	763.941	773.534	758.235	757.796	774.326	769.182	4.858	763.452	9.419	-0.011	0.42005243
IPI:IPI00013070.2	708.301	46.706	0.115	0.17633541	9	418.617	402.328	399.356	389.964	385.141	404.125	406.767	10.369	393.077	9.867	-0.049	0.17334536
IPI:IPI00013076.1	0.000	0.000	n/a	n/a	10	391.968	396.062	391.673	393.902	444.735	403.073	393.234	2.453	413.903	27.092	0.074	0.31753618
IPI:IPI00013079.2	5.153	0.640	-0.300	0.15787259	1	6.579	7.704	5.812	0.000	0.012	0.000	6.698	0.951	0.004	0.007	-10.686	0.00666339
IPI:IPI00013107.3	0.000	0.000	n/a	n/a	2	49.187	47.951	57.174	46.328	59.242	50.164	51.438	5.006	51.911	6.632	0.013	0.92671532
IPI:IPI00013122.1	1,555.410	16.264	-0.119	0.00677422	38	1,387.690	1,386.140	1,383.540	1,782.760	1,713.800	1,789.630	1,385.790	2.097	1,762.063	41.938	0.347	0.00404263
IPI:IPI00013146.1	319.652	19.945	0.004	0.96130496	13	624.069	597.432	644.049	590.379	641.988	608.322	621.850	23.388	613.563	26.201	-0.019	0.70494897
IPI:IPI00013159.1	13.173	0.414	-0.379	0.01585122	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013160.2	233.053	9.868	0.111	0.11815110	1	17.301	13.448	14.220	16.579	17.875	15.669	14.990	2.038	16.708	1.109	0.157	0.28955418
IPI:IPI00013167.1	66.986	1.795	0.204	0.03804412	9	832.781	796.088	799.502	388.963	399.546	419.545	809.457	20.271	402.685	15.531	-1.007	0.00001825
IPI:IPI00013174.2	280.226	29.639	-0.120	0.33837500	5	377.876	358.437	372.988	398.164	433.668	407.625	369.767	10.112	413.152	18.386	0.160	0.03518127
IPI:IPI00013178.5	216.148	14.470	-0.207	0.08089712	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013180.2	40.228	4.183	-0.369	0.09367129	3	59.720	49.374	53.198	85.769	87.091	82.093	54.097	5.231	84.984	2.590	0.652	0.00304701
IPI:IPI00013183.7	39.870	1.577	0.265	0.01318322	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013184.1	81.913	15.357	0.064	0.74782622	17	481.484	508.208	493.985	551.973	540.061	542.042	494.559	13.371	544.692	6.383	0.139	0.01124257
IPI:IPI00013185.8	0.000	0.000	n/a	n/a	1	6.919	7.685	5.774	11.128	8.803	12.683	6.793	0.962	10.871	1.953	0.678	0.04962680
IPI:IPI00013193.3	9.598	0.904	-1.718	0.00127491	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013195.1	36.795	9.200	-0.088	0.72269776	6	276.720	294.500	286.321	141.311	136.757	153.024	285.847	8.899	143.697	8.392	-0.992	0.00003697
IPI:IPI00013205.6	0.000	0.000	n/a	n/a	1	25.845	23.011	26.772	27.732	33.957	30.478	25.209	1.960	30.722	3.120	0.285	0.07203958
IPI:IPI00013212.1	329.991	29.126	0.069	0.47862853	9	547.641	503.446	575.904	593.147	650.276	588.064	542.330	36.520	610.496	34.544	0.171	0.07902971
IPI:IPI00013214.2	61.999	0.890	-0.402	0.01235790	17	633.206	603.863	655.033	687.686	768.166	713.037	630.701	25.677	722.963	41.148	0.197	0.03909976
IPI:IPI00013215.2	0.000	0.000	n/a	n/a	1	29.951	31.663	27.192	38.675	32.075	34.179	29.602	2.256	34.977	3.371	0.241	0.09309003
IPI:IPI00013216.1	0.000	0.000	n/a	n/a	8	327.813	320.513	341.807	328.058	338.989	336.841	330.044	10.821	334.629	5.791	0.020	0.56311509
IPI:IPI00013217.1	0.000	0.000	n/a	n/a	2	33.522	30.940	34.508	35.989	37.673	36.354	32.990	1.843	36.672	0.886	0.153	0.05555570
IPI:IPI00013219.1	1,662.640	98.005	-0.014	0.81886507	11	824.951	884.519	838.328	648.359	634.667	649.140	849.266	31.254	644.055	8.140	-0.399	0.00513121
IPI:IPI00013236.3	9.017	0.747	0.769	0.03234776	4	107.571	113.633	104.844	113.502	99.875	105.026	108.683	4.499	106.134	6.881	-0.034	0.62444280
IPI:IPI00013241.1	236.921	17.423	-0.287	0.02214181	3	96.822	85.999	81.619	119.161	129.706	122.156	88.147	7.826	123.674	5.434	0.489	0.00437120
IPI:IPI00013256.1	102.899	1.781	-0.067	0.27368660	10	325.697	316.762	331.600	314.690	322.394	332.726	324.686	7.470	323.270	9.050	-0.006	0.84630252
IPI:IPI00013269.1	0.000	0.000	n/a	n/a	1	47.775	49.712	40.659	89.329	82.326	87.469	46.048	4.767	86.375	3.627	0.907	0.00045324
IPI:IPI00013272.1	2,287.383	48.645	0.072	0.03660950	53	2,109.360	2,198.920	2,101.390	2,650.040	2,515.350	2,584.080	2,136.557	54.155	2,583.157	67.350	0.274	0.00105927
IPI:IPI00013290.5	225.481	5.977	-0.335	0.00024248	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013296.3	691.669	59.044	-0.569	0.02127688	17	710.240	772.548	708.293	768.368	729.425	738.968	730.360	36.549	745.587	20.298	0.030	0.57242338
IPI:IPI00013297.1	792.022	32.354	-0.046	0.33902258	2	104.776	88.057	103.668	46.049	53.764	48.370	98.834	9.349	49.394	3.958	-1.001	0.00518531
IPI:IPI00013313.3	48.360	2.658	0.043	0.69139820	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013378.1	0.000	0.000	n/a	n/a	2	64.428	67.867	64.194	83.494	74.491	79.344	65.496	2.056	79.109	4.506	0.272	0.02058675
IPI:IPI00013396.3	476.297	32.953	-0.083	0.44142140	2	92.921	90.185	94.766	33.615	50.899	35.906	92.624	2.305	40.140	9.388	-1.206	0.00762714
IPI:IPI00013404.1	62.220	1.405	-0.004	0.95269924	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013409.1	17.170	5.102	-0.241	0.57526879	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013415.1	767.466	33.361	-0.348	0.01210768	24	839.685	985.240	850.992	802.065	660.465	782.342	891.972	80.970	748.291	76.696	-0.253	0.08979436
IPI:IPI00013418.1	0.000	0.000	n/a	n/a	1	34.106	38.122	41.176	76.960	71.182	74.436	37.801	3.546	74.192	2.897	0.973	0.00020520
IPI:IPI00013449.1	185.451	11.290	0.476	0.00506628	1	29.167	31.498	29.041	22.527	24.567	21.973	29.902	1.384	23.022	1.366	-0.377	0.00359895
IPI:IPI00013452.9	4,861.010	89.718	0.028	0.24615235	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013454.4	381.660	19.927	-0.226	0.01736345	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013455.8	0.000	0.000	n/a	n/a	72	2,868.890	2,803.500	2,815.180	3,486.400	3,555.900	3,472.780	2,829.190	34.874	3,505.027	44.581	0.309	0.00004986
IPI:IPI00013457.1	30.674	4.144	-0.127	0.45302650	11	683.502	702.944	648.955	369.473	338.332	374.178	678.467	27.344	360.661	19.480	-0.912	0.00016244
IPI:IPI00013459.1	0.000	0.000	n/a	n/a	3	307.696	304.014	304.205	338.379	321.414	343.139	305.305	2.073	334.311	11.420	0.131	0.04433313
IPI:IPI00013466.4	495.792	4.925	0.146	0.00224384	11	399.259	393.410	408.667	508.708	507.799	488.545	400.445	7.697	501.684	11.388	0.325	0.00045987
IPI:IPI00013468.1	191.492	10.081	-0.045	0.46887830	18	543.980	532.386	573.355	460.514	476.235	465.432	549.907	21.118	467.394	8.042	-0.235	0.01254228
IPI:IPI00013475.1	135.949	4.675	-0.060	0.21564872	4	66.465	72.373	73.283	62.564	84.461	64.781	70.707	3.701	70.602	12.053	-0.002	0.99074972
IPI:IPI00013485.3	2,284.780	150.031	-0.046	0.55436241	21	961.341	995.032	954.760	1,052.710	984.672	1,023.280	970.378	21.603	1,020.221	34.122	0.072	0.11198548

IPI:IPI00013495.1	ABCF1	Isoform 2 of ATP-binding cassette sub-family F member 1	9	620.252	586.258	627.911	648.833	679.816	658.641	611.474	22.171
IPI:IPI00013508.5	ACTN1	Alpha-actinin-1	115	5,611.630	5,705.000	5,568.030	5,842.380	5,871.220	5,876.990	5,628.220	69.976
IPI:IPI00013624.4	TTPAL	Alpha-tocopherol transfer protein-like	1	4.336	3.649	2.625	2.214	1.610	1.791	3.537	0.861
IPI:IPI00013678.2	MTX1	Isoform 1 of Metaxin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013679.1	DUT	Isoform 1 of Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial	2	17.763	17.015	15.727	20.697	18.790	18.547	16.835	1.030
IPI:IPI00013683.2	TUBB3	Tubulin beta-3 chain	14	1,422.280	1,398.350	1,405.080	1,050.360	1,108.770	1,053.300	1,408.570	12.341
IPI:IPI00013698.2	ASAH1	Isoform 1 of Acid ceramidase	5	414.729	453.897	389.697	456.428	438.796	449.823	419.441	32.358
IPI:IPI00013706.5	MRPL20;LOC	39S ribosomal protein L20, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013721.2	PRPF4B	Serine/threonine-protein kinase PRP4 homolog	4	158.730	140.306	156.944	128.182	143.797	132.357	151.993	10.161
IPI:IPI00013723.3	PIN1	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	3	226.215	231.906	215.973	226.592	217.250	226.201	224.698	8.074
IPI:IPI00013735.1	FASTKD2	Isoform 1 of FAST kinase domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013743.4	BUD13	Isoform 1 of BUD13 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013744.1	ITGA2	Integrin alpha-2	5	96.623	106.062	103.112	121.785	139.872	133.533	101.932	4.829
IPI:IPI00013746.2	SERINC3	Serine incorporator 3	4	160.442	157.855	155.195	523.565	491.431	530.236	157.831	2.624
IPI:IPI00013773.2	RIPK1	Receptor-interacting serine/threonine-protein kinase 1	7	369.785	391.291	388.820	412.185	400.634	418.596	383.299	11.768
IPI:IPI00013774.1	HDAC1	Histone deacetylase 1	6	258.390	262.048	263.307	236.597	248.295	240.319	261.248	2.554
IPI:IPI00013788.1	HTATSF1	HIV Tat-specific factor 1	5	272.206	254.418	270.303	259.554	280.556	272.569	265.642	9.767
IPI:IPI00013789.5	SMYD5	SET and MYND domain-containing protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013808.1	ACTN4	Alpha-actinin-4	225	11,333.300	11,791.300	11,538.600	11,988.600	11,776.500	11,809.200	11,554.400	229.408
IPI:IPI00013810.2	WBSCR22	Isoform 1 of Uncharacterized methyltransferase WBSCR22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013830.1	SNW1	SNW domain-containing protein 1	3	164.990	168.896	162.574	159.884	144.086	158.780	165.487	3.190
IPI:IPI00013847.4	UQCRC1	Cytochrome b-c1 complex subunit 1, mitochondrial	6	338.060	331.339	322.014	358.103	383.378	380.782	330.471	8.058
IPI:IPI00013860.3	HIBADH	3-hydroxyisobutyrate dehydrogenase, mitochondrial	8	405.284	402.553	420.202	483.178	475.113	490.433	409.346	9.500
IPI:IPI00013862.7	DTYMK;LOC7	Thymidylate kinase	4	275.721	284.079	262.189	318.597	285.060	303.020	273.996	11.046
IPI:IPI00013871.1	RRM1	Ribonucleoside-diphosphate reductase large subunit	5	492.493	478.425	494.851	345.006	365.837	359.400	488.590	8.881
IPI:IPI00013872.4	KDELR3	Isoform 1 of ER lumen protein retaining receptor 3	3	138.066	140.593	140.980	161.103	174.527	169.073	139.880	1.583
IPI:IPI00013877.2	HNRNPH3	Isoform 1 of Heterogeneous nuclear ribonucleoprotein H3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013881.6	HNRNPH1	Heterogeneous nuclear ribonucleoprotein H	1	64.065	50.417	62.667	40.762	61.246	42.228	59.050	7.509
IPI:IPI00013890.2	SFN	Isoform 1 of 14-3-3 protein sigma	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013894.1	STIP1	Stress-induced-phosphoprotein 1	36	2,336.800	2,258.490	2,326.810	2,241.740	2,255.220	2,265.790	2,307.367	42.622
IPI:IPI00013895.1	S100A11	Protein S100-A11	8	663.809	706.063	685.175	692.208	661.016	673.397	685.016	21.127
IPI:IPI00013897.1	ADAM10	Disintegrin and metalloproteinase domain-containing protein 10	6	132.761	138.260	129.888	276.088	266.993	273.272	133.636	4.254
IPI:IPI00013905.1	PRKAB2	5'-AMP-activated protein kinase subunit beta-2	4	98.391	100.417	93.910	108.425	106.618	107.544	97.573	3.330
IPI:IPI00013909.1	AIFM2	Isoform 1 of Apoptosis-inducing factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00013912.1	C1orf198	Uncharacterized protein C1orf198	14	1,000.210	978.310	983.128	811.841	835.741	810.399	987.216	11.508
IPI:IPI00013917.3	RPS12	40S ribosomal protein S12	24	2,121.650	1,928.020	2,153.040	1,708.190	1,916.500	1,755.600	2,067.570	121.869
IPI:IPI00013930.1	STX6	Syntaxin-6	1	28.849	28.421	29.128	56.642	62.964	60.923	28.799	0.356
IPI:IPI00013933.2	DSP	Isoform DPI of Desmoplakin	108	7,483.840	7,572.440	7,485.960	4,734.490	4,905.520	4,943.380	7,514.080	50.552
IPI:IPI00013939.3	RPA2	Isoform 1 of Replication protein A 32 kDa subunit	2	129.918	124.724	148.052	130.981	131.554	108.211	134.231	12.248
IPI:IPI00013949.1	SGTA	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	3	233.256	235.973	244.391	238.657	237.350	254.263	237.873	5.806
IPI:IPI00013953.1	WDR6	WD repeat-containing protein 6	1	46.386	49.387	41.985	48.705	55.267	55.055	45.919	3.723
IPI:IPI00013957.1	SLC25A20	Mitochondrial carnitine/acylcarnitine carrier protein	3	185.537	218.868	189.404	237.662	181.482	234.855	197.936	18.230
IPI:IPI00013968.1	COX7C	Cytochrome c oxidase subunit 7C, mitochondrial	1	102.644	87.162	106.521	109.847	142.258	112.055	98.776	10.243
IPI:IPI00013976.3	LAMB1	Laminin subunit beta-1	17	1,265.980	1,242.550	1,279.790	1,140.100	1,127.210	1,136.490	1,262.773	18.826
IPI:IPI00013981.4	YES1	Proto-oncogene tyrosine-protein kinase Yes	4	104.385	95.602	95.536	139.661	110.988	126.703	98.508	5.090
IPI:IPI00013988.2	ARHGAP5	Isoform 2 of Rho GTPase-activating protein 5	6	291.289	288.898	290.235	315.072	276.570	296.383	290.141	1.198
IPI:IPI00013991.1	TPM2	Isoform 1 of Tropomyosin beta chain	1	58.717	56.865	61.371	48.914	56.345	57.411	58.984	2.265
IPI:IPI00014040.1	ERCC1	DNA excision repair protein ERCC-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014053.3	TOMM40	Isoform 1 of Mitochondrial import receptor subunit TOM40 homolog	5	362.680	330.466	372.164	356.737	389.512	375.207	355.103	21.857
IPI:IPI00014068.1	PAK4	Isoform 1 of Serine/threonine-protein kinase PAK 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014072.1	CHEK2	Isoform 1 of Serine/threonine-protein kinase Chk2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014137.3	OSBPL2	Isoform 1 of Oxysterol-binding protein-related protein 2	1	69.390	72.413	64.755	66.120	67.654	72.088	68.853	3.857

IPI:IPI00013495.1	662.430	15.835	0.115	0.03668196	19	736.991	726.432	703.573	741.266	734.937	755.641	722.332	17.082	743.948	10.609	0.043	0.15031898
IPI:IPI00013508.5	5,863.530	18.542	0.059	0.02227612	60	3,371.920	3,310.260	3,386.420	1,790.780	1,920.560	1,840.840	3,356.200	40.440	1,850.727	65.452	-0.859	0.00002424
IPI:IPI00013624.4	1.872	0.310	-0.918	0.06525312	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013678.2	0.000	0.000	n/a	n/a	1	26.028	23.268	26.358	29.366	31.629	29.011	25.218	1.697	30.002	1.420	0.251	0.02117088
IPI:IPI00013679.1	19.345	1.177	0.200	0.05096838	21	438.004	442.924	448.126	494.557	454.959	494.960	443.018	5.062	481.492	22.979	0.120	0.09501195
IPI:IPI00013683.2	1,070.810	32.907	-0.396	0.00113759	21	1,305.340	1,264.310	1,356.530	988.524	1,064.300	1,004.930	1,308.727	46.203	1,019.251	39.866	-0.361	0.00130974
IPI:IPI00013698.2	448.349	8.908	0.096	0.25873071	3	151.072	155.517	148.815	52.655	61.800	56.919	151.801	3.410	57.125	4.576	-1.410	0.00001816
IPI:IPI00013706.5	0.000	0.000	n/a	n/a	1	101.787	95.647	97.642	96.112	91.306	88.454	98.358	3.132	91.957	3.870	-0.097	0.09295059
IPI:IPI00013721.2	134.779	8.084	-0.173	0.08670644	19	1,336.140	1,367.910	1,274.730	1,413.250	1,348.030	1,436.700	1,326.260	47.369	1,399.327	45.945	0.077	0.12779960
IPI:IPI00013723.3	223.348	5.284	-0.009	0.82276757	8	316.401	309.633	318.987	281.136	285.653	274.303	315.007	4.830	280.364	5.714	-0.168	0.00147425
IPI:IPI00013735.1	0.000	0.000	n/a	n/a	10	427.900	407.972	417.960	433.332	473.835	432.579	417.944	9.964	446.582	23.605	0.096	0.15924978
IPI:IPI00013743.4	0.000	0.000	n/a	n/a	4	133.283	131.158	139.438	128.709	128.377	135.496	134.626	4.300	130.861	4.018	-0.041	0.33141465
IPI:IPI00013744.1	131.730	9.177	0.370	0.01525708	22	574.169	657.922	579.779	644.047	596.630	645.392	603.957	46.819	628.690	27.773	0.058	0.48568000
IPI:IPI00013746.2	515.077	20.748	1.706	0.00097065	1	35.317	48.068	35.879	49.751	35.191	46.359	39.755	7.205	43.767	7.618	0.139	0.54488322
IPI:IPI00013773.2	410.472	9.103	0.099	0.03718205	10	372.872	377.475	370.236	472.344	450.946	474.236	373.528	3.664	465.842	12.935	0.319	0.00396165
IPI:IPI00013774.1	241.737	5.977	-0.112	0.01786814	12	408.122	422.981	410.752	320.408	328.510	323.156	413.952	7.929	324.025	4.120	-0.353	0.00040894
IPI:IPI00013788.1	270.893	10.601	0.028	0.56296912	24	766.888	774.674	751.666	1,066.290	1,057.810	1,088.980	764.409	11.703	1,071.027	16.116	0.487	0.00002603
IPI:IPI00013789.5	0.000	0.000	n/a	n/a	1	32.515	33.065	35.247	38.275	46.092	37.913	33.609	1.445	40.760	4.621	0.278	0.10471775
IPI:IPI00013808.1	11,858.100	114.193	0.037	0.13451029	347	11,899.100	12,102.900	12,001.400	13,076.900	13,055.100	13,104.900	12,001.133	101.900	13,078.967	24.964	0.124	0.00186003
IPI:IPI00013810.2	0.000	0.000	n/a	n/a	1	47.604	42.904	55.553	54.695	66.197	58.967	48.687	6.394	59.953	5.814	0.300	0.08755799
IPI:IPI00013830.1	154.250	8.820	-0.101	0.14699008	27	1,234.000	1,213.490	1,253.460	1,326.820	1,330.480	1,306.010	1,233.650	19.987	1,321.103	13.199	0.099	0.00512834
IPI:IPI00013847.4	374.088	13.904	0.179	0.01566284	19	633.908	639.514	663.235	596.849	628.215	616.439	645.552	15.568	613.834	15.844	-0.073	0.06885829
IPI:IPI00013860.3	482.908	7.664	0.238	0.00060109	8	408.130	392.174	398.814	372.414	372.487	371.290	399.706	8.015	372.064	0.671	-0.103	0.02622318
IPI:IPI00013862.7	302.226	16.783	0.141	0.08197897	13	504.816	503.932	516.266	472.706	472.899	468.062	508.338	6.880	471.222	2.739	-0.109	0.00534671
IPI:IPI00013871.1	356.748	10.666	-0.454	0.00010222	10	301.930	310.810	309.939	344.977	372.877	348.951	307.560	4.895	355.602	15.092	0.209	0.02276019
IPI:IPI00013872.4	168.234	6.751	0.266	0.01454951	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013877.2	0.000	0.000	n/a	n/a	3	110.560	99.328	118.396	68.267	84.162	72.599	109.428	9.584	75.009	8.217	-0.545	0.00969214
IPI:IPI00013881.6	48.079	11.427	-0.297	0.24754221	20	704.873	702.003	721.943	687.717	711.716	681.627	709.606	10.780	693.687	15.908	-0.033	0.23412383
IPI:IPI00013890.2	0.000	0.000	n/a	n/a	33	1,410.700	1,336.210	1,385.680	1,255.200	1,351.230	1,285.730	1,377.530	37.908	1,297.387	49.065	-0.086	0.09305424
IPI:IPI00013894.1	2,254.250	12.054	-0.034	0.15594690	166	7,475.990	7,860.840	7,502.130	8,621.670	8,033.450	8,379.500	7,612.987	215.045	8,344.873	295.635	0.132	0.02964542
IPI:IPI00013895.1	675.540	15.706	-0.020	0.56960668	7	693.173	689.844	692.028	406.648	393.197	416.275	691.682	1.691	405.373	11.592	-0.771	0.00042969
IPI:IPI00013897.1	272.118	4.656	1.026	0.00000333	14	521.934	528.772	540.732	770.176	817.383	771.233	530.479	9.515	786.264	26.955	0.568	0.00153496
IPI:IPI00013905.1	107.529	0.904	0.140	0.02841094	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013909.1	0.000	0.000	n/a	n/a	3	98.047	93.359	94.964	88.134	89.232	89.753	95.457	2.382	89.040	0.827	-0.100	0.03198886
IPI:IPI00013912.1	819.327	14.233	-0.269	0.00012491	2	52.397	46.927	53.314	42.255	50.702	39.482	50.879	3.453	44.146	5.845	-0.205	0.17761144
IPI:IPI00013917.3	1,793.430	109.186	-0.205	0.04490550	62	2,731.510	2,622.260	2,658.470	2,207.290	2,293.530	2,208.470	2,670.747	55.650	2,236.430	49.454	-0.256	0.00057847
IPI:IPI00013930.1	60.176	3.227	1.063	0.00320632	2	61.225	59.059	62.071	82.614	76.298	86.334	60.785	1.553	81.748	5.074	0.427	0.01300131
IPI:IPI00013933.2	4,861.130	111.295	-0.628	0.00007649	13	411.711	367.459	405.877	495.080	569.030	519.316	395.016	24.042	527.809	37.699	0.418	0.01047961
IPI:IPI00013939.3	123.582	13.315	-0.119	0.36608274	8	312.360	316.077	316.850	400.986	451.187	412.982	315.096	2.400	421.718	26.216	0.420	0.01899277
IPI:IPI00013949.1	243.423	9.410	0.033	0.44346885	12	569.315	635.167	592.240	786.068	695.302	788.799	598.907	33.428	756.723	53.210	0.337	0.01767718
IPI:IPI00013953.1	53.009	3.729	0.207	0.08049574	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00013957.1	218.000	31.656	0.139	0.40788960	2	102.864	106.783	96.563	66.634	60.561	71.174	102.070	5.156	66.123	5.325	-0.626	0.00110445
IPI:IPI00013968.1	121.387	18.109	0.297	0.15171883	2	136.982	112.169	123.960	95.006	110.992	100.376	124.370	12.412	102.125	8.135	-0.284	0.06994462
IPI:IPI00013976.3	1,134.600	6.650	-0.154	0.00347416	33	1,666.980	1,654.200	1,639.760	1,423.270	1,443.000	1,459.230	1,653.647	13.618	1,441.833	18.008	-0.198	0.00013641
IPI:IPI00013981.4	125.784	14.359	0.353	0.06801661	5	114.401	104.276	102.643	116.199	118.166	111.499	107.107	6.370	115.288	3.426	0.106	0.14300941
IPI:IPI00013988.2	296.008	19.254	0.029	0.65072522	5	63.604	58.749	64.304	81.920	80.536	80.926	62.219	3.025	81.127	0.713	0.383	0.00614258
IPI:IPI00013991.1	54.223	4.629	-0.121	0.21118408	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014040.1	0.000	0.000	n/a	n/a	1	22.032	33.341	23.617	34.838	21.513	36.367	26.330	6.123	30.906	8.171	0.231	0.48465288
IPI:IPI00014053.3	373.819	16.432	0.074	0.30614305	6	121.450	130.049	122.613	144.068	130.413	144.751	124.704	4.665	139.744	8.088	0.164	0.06367597
IPI:IPI00014068.1	0.000	0.000	n/a	n/a	9	408.376	427.268	404.055	505.770	498.001	492.339	413.233	12.345	498.703	6.743	0.271	0.00159879
IPI:IPI00014072.1	0.000	0.000	n/a	n/a	1	58.738	53.313	55.371	45.701	57.008	42.538	55.807	2.738	48.416	7.607	-0.205	0.22877579
IPI:IPI00014137.3	68.620	3.100	-0.005	0.93956066	3	159.542	142.349	164.021	151.076	170.264	167.136	155.304	11.441	162.825	10.295	0.068	0.44569563

IPI:IPI00014149.3	TTC35	Tetratricopeptide repeat protein 35	3	26.218	21.971	28.068	35.442	37.401	40.716	25.419	3.126
IPI:IPI00014150.1	WTAP	Isoform 2 of Pre-mRNA-splicing regulator WTAP	1	77.753	55.073	64.889	42.879	51.439	40.786	65.905	11.374
IPI:IPI00014151.3	PSMD6	26S proteasome non-ATPase regulatory subunit 6	9	630.776	607.930	647.628	611.381	649.450	627.490	628.778	19.924
IPI:IPI00014172.1	LAPTM4A	Lysosomal-associated transmembrane protein 4A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014174.1	MORF4L2	Mortality factor 4-like protein 2	1	7.814	12.181	9.138	11.186	7.884	7.718	9.711	2.239
IPI:IPI00014177.3	41519	Septin-2	27	1,748.840	1,669.490	1,688.760	1,598.850	1,692.870	1,615.450	1,702.363	41.387
IPI:IPI00014186.3	ZFHX3	Isoform A of Zinc finger homeobox protein 3	1	34.930	38.965	33.751	36.583	30.849	38.782	35.882	2.734
IPI:IPI00014194.3	C2orf29	Uncharacterized protein C2orf29	1	64.236	66.482	69.039	72.031	74.280	70.559	66.586	2.403
IPI:IPI00014197.2	CDV3	Isoform 1 of Protein CDV3 homolog	9	589.171	573.725	606.461	514.709	561.797	539.651	589.786	16.377
IPI:IPI00014198.2	EXOSC7	Exosome complex exonuclease RRP42	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014213.1	LARS2	Probable leucyl-tRNA synthetase, mitochondrial	3	112.867	120.985	118.463	138.024	138.548	143.451	117.438	4.155
IPI:IPI00014219.1	SNX17	Sorting nexin-17	1	19.198	19.598	19.963	19.061	14.613	17.938	19.586	0.383
IPI:IPI00014230.1	C1QBP	Complement component 1 Q subcomponent-binding protein, mitochondrial	15	591.284	570.851	631.828	472.500	573.578	521.768	597.988	31.036
IPI:IPI00014235.3	RAB3GAP1	Isoform 1 of Rab3 GTPase-activating protein catalytic subunit	9	657.099	577.036	656.414	619.257	723.350	643.556	630.183	46.028
IPI:IPI00014236.6	SLC39A14	Isoform 1 of Zinc transporter ZIP14	3	162.352	158.807	150.445	304.148	290.601	292.220	157.201	6.114
IPI:IPI00014238.2	KARS	Lysyl-tRNA synthetase	16	903.554	918.487	929.722	962.427	969.271	906.347	917.254	13.127
IPI:IPI00014253.4	RRS1	Ribosome biogenesis regulatory protein homolog	6	240.734	239.940	250.777	239.271	262.979	261.867	243.817	6.041
IPI:IPI00014256.2	ARHGEF6	Isoform 1 of Rho guanine nucleotide exchange factor 6	1	3.508	3.506	4.325	5.924	4.015	3.994	3.780	0.472
IPI:IPI00014263.1	EIF4H	Isoform Long of Eukaryotic translation initiation factor 4H	5	175.819	145.774	160.553	109.027	111.869	103.273	160.715	15.023
IPI:IPI00014264.5	ACAP2	ARFGAP with coiled-coil, ANK repeat and PH domain-containing protein 2	5	200.946	201.729	209.767	207.337	210.669	202.685	204.147	4.882
IPI:IPI00014298.3	PWP1	Periodic tryptophan protein 1 homolog	3	144.237	152.009	151.443	130.803	128.790	126.334	149.230	4.333
IPI:IPI00014301.3	OXA1L	Oxidase (Cytochrome c) assembly 1-like	3	238.762	272.202	240.179	239.792	210.280	239.849	250.381	18.911
IPI:IPI00014307.4	MTMR2	Myotubularin-related protein 2	3	77.698	72.419	85.298	58.735	73.211	58.392	78.472	6.474
IPI:IPI00014310.3	CUL1	Cullin-1	6	326.385	279.232	298.458	284.467	296.115	271.564	301.358	23.710
IPI:IPI00014311.5	CUL2	cDNA FLJ56037, highly similar to Cullin-2	6	226.795	227.747	209.063	242.759	218.819	244.298	221.202	10.523
IPI:IPI00014312.1	CUL3	Isoform 1 of Cullin-3	9	672.156	659.227	670.712	618.995	654.546	628.991	667.365	7.085
IPI:IPI00014340.2	PPP1R12C	Isoform 1 of Protein phosphatase 1 regulatory subunit 12C	2	74.314	73.541	74.049	70.152	74.437	73.822	73.968	0.393
IPI:IPI00014344.1	DYRK1A	Isoform Long of Dual specificity tyrosine-phosphorylation-regulated kinase 1A	3	84.735	85.853	79.586	99.339	89.394	101.183	83.391	3.343
IPI:IPI00014361.1	TSTA3	GDP-L-fucose synthetase	5	127.716	145.317	135.217	139.729	146.781	144.596	136.083	8.832
IPI:IPI00014375.2	ENPEP	Glutamyl aminopeptidase	8	439.537	406.155	431.544	446.938	483.992	471.628	425.745	17.430
IPI:IPI00014376.5	RAB31	RAB31, member RAS oncogene family	2	390.283	334.221	377.714	396.461	491.657	434.496	367.406	29.418
IPI:IPI00014377.3	RAB32	Ras-related protein Rab-32	4	194.451	162.880	188.549	203.066	225.805	203.405	181.960	16.785
IPI:IPI00014398.4	FHL1	four and a half LIM domains 1 isoform 5	24	1,621.210	1,727.180	1,597.290	1,674.330	1,617.980	1,676.750	1,648.560	69.129
IPI:IPI00014399.2	FHL3	Four and a half LIM domains protein 3	3	272.815	285.935	266.328	282.435	280.579	283.431	275.026	9.989
IPI:IPI00014400.5	DNAJB12	cDNA FLJ56380, highly similar to DnaJ homolog subfamily B member 12	1	95.634	83.948	93.784	85.018	97.592	83.858	91.122	6.282
IPI:IPI00014414.2	BRD2	Isoform 1 of Bromodomain-containing protein 2	1	104.409	93.166	103.281	76.904	88.619	85.662	100.285	6.191
IPI:IPI00014424.1	EEF1A2	Elongation factor 1-alpha 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014439.4	QDPR	Dihydropteridine reductase	4	163.132	140.419	154.018	224.948	265.385	231.868	152.523	11.430
IPI:IPI00014440.3	SLC25A17	Peroxisomal membrane protein PMP34	1	50.242	42.699	53.747	46.406	55.835	51.340	48.896	5.645
IPI:IPI00014444.6	SERAC1	Isoform 1 of Protein SERAC1	2	43.757	40.935	36.639	47.694	36.309	47.608	40.444	3.584
IPI:IPI00014456.4	STRN	Isoform 1 of Striatin	2	112.344	112.722	116.965	130.393	121.223	127.200	114.010	2.566
IPI:IPI00014474.1	AKAP8	A-kinase anchor protein 8	3	88.379	86.515	85.426	126.989	122.880	127.833	86.773	1.494
IPI:IPI00014478.1	ITGA7	Isoform Alpha-7X1X2B of Integrin alpha-7	1	27.597	33.223	25.107	40.122	32.434	34.650	28.642	4.158
IPI:IPI00014481.4	AAMP	Angio-associated migratory cell protein	1	99.580	110.538	103.235	41.966	43.067	42.062	104.451	5.579
IPI:IPI00014513.1	YY1	Transcriptional repressor protein YY1	2	133.297	138.480	137.619	114.083	112.029	116.609	136.465	2.777
IPI:IPI00014516.1	CALD1	Isoform 1 of Caldesmon	2	96.713	91.677	94.130	84.173	91.545	91.549	94.173	2.518
IPI:IPI00014533.1	UBTF	Isoform UBF1 of Nucleolar transcription factor 1	19	1,033.180	1,126.660	1,056.290	1,160.990	1,091.060	1,144.100	1,072.043	48.690
IPI:IPI00014572.1	SPARC	SPARC	26	1,090.400	1,264.950	1,082.720	1,849.830	1,498.870	1,687.320	1,146.023	103.065
IPI:IPI00014577.1	RAB18	Ras-related protein Rab-18	7	538.943	511.310	536.277	660.484	749.394	675.593	528.843	15.243
IPI:IPI00014581.1	TPM1	Isoform 1 of Tropomyosin alpha-1 chain	4	335.394	305.984	331.372	295.171	318.664	296.177	324.250	15.946
IPI:IPI00014587.1	CLTA	Isoform Brain of Clathrin light chain A	5	225.414	220.897	232.748	167.402	179.568	178.048	226.353	5.981
IPI:IPI00014589.1	CLTB	Isoform Brain of Clathrin light chain B	5	628.422	515.779	635.011	373.409	481.959	432.059	593.071	67.018

IPI:IPI00014149.3	37.853	2.666	0.575	0.00677611	4	116.119	115.767	122.050	99.008	94.675	90.286	117.979	3.530	94.656	4.361	-0.318	0.00232562
IPI:IPI00014150.1	45.035	5.644	-0.549	0.06729425	3	92.582	88.280	97.353	81.027	90.966	78.766	92.738	4.538	83.586	6.490	-0.150	0.12418354
IPI:IPI00014151.3	629.440	19.109	0.002	0.97169503	20	790.534	842.121	781.307	997.750	879.621	995.233	804.654	32.774	957.535	67.487	0.251	0.04095180
IPI:IPI00014172.1	0.000	0.000	n/a	n/a	1	5.824	5.865	6.362	11.198	10.443	13.343	6.017	0.300	11.661	1.504	0.955	0.01961329
IPI:IPI00014174.1	8.929	1.956	-0.121	0.67351696	5	133.418	134.966	132.978	165.893	146.113	168.282	133.787	1.044	160.096	12.168	0.259	0.06349706
IPI:IPI00014177.3	1,635.723	50.182	-0.058	0.15329020	36	1,635.080	1,717.840	1,620.030	1,604.940	1,442.300	1,543.420	1,657.650	52.666	1,530.220	82.120	-0.115	0.09810200
IPI:IPI00014186.3	35.405	4.096	-0.019	0.87628051	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014194.3	72.290	1.874	0.119	0.03452029	2	10.938	11.587	13.588	12.305	18.071	14.216	12.038	1.381	14.864	2.937	0.304	0.23354116
IPI:IPI00014197.2	538.719	23.558	-0.131	0.04293092	17	748.116	744.066	736.808	449.433	469.756	469.093	742.997	5.729	462.761	11.547	-0.683	0.00005063
IPI:IPI00014198.2	0.000	0.000	n/a	n/a	2	7.158	7.729	4.677	1.963	4.076	6.903	6.522	1.623	4.314	2.478	-0.596	0.27762679
IPI:IPI00014213.1	140.008	2.994	0.254	0.00230424	2	74.340	129.287	70.940	180.050	67.484	149.890	91.522	32.749	132.475	58.269	0.534	0.36401571
IPI:IPI00014219.1	17.204	2.313	-0.187	0.21392113	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014230.1	522.615	50.544	-0.194	0.10651031	39	1,534.750	1,469.350	1,473.240	1,164.700	1,208.940	1,175.460	1,492.447	36.687	1,183.033	23.072	-0.335	0.00063550
IPI:IPI00014235.3	662.054	54.456	0.071	0.48420780	14	436.632	448.423	446.171	713.332	673.095	695.955	443.742	6.260	694.127	20.181	0.645	0.00098130
IPI:IPI00014236.6	295.656	7.398	0.911	0.00002693	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014238.2	946.015	34.524	0.045	0.28411473	30	1,212.280	1,177.190	1,251.090	1,344.360	1,453.800	1,343.760	1,213.520	36.966	1,380.640	63.359	0.186	0.02547267
IPI:IPI00014253.4	254.706	13.378	0.063	0.29561955	13	628.553	624.267	639.576	822.240	840.249	820.321	630.799	7.898	827.603	10.993	0.392	0.00003355
IPI:IPI00014256.2	4.644	1.109	0.297	0.31169299	1	48.857	39.065	49.236	37.404	40.068	43.504	45.719	5.766	40.325	3.058	-0.181	0.24715676
IPI:IPI00014263.1	108.056	4.379	-0.573	0.01948749	12	337.031	302.661	329.300	395.866	404.898	390.284	322.997	18.031	397.016	7.375	0.298	0.01036781
IPI:IPI00014264.5	206.897	4.010	0.019	0.49517337	10	352.903	346.170	355.817	461.591	485.076	448.184	351.630	4.948	464.950	18.674	0.403	0.00604126
IPI:IPI00014298.3	128.642	2.238	-0.214	0.00531832	6	282.719	325.315	289.700	379.958	345.553	364.229	299.245	22.846	363.247	17.224	0.280	0.02057260
IPI:IPI00014301.3	229.974	17.055	-0.123	0.23868898	2	68.936	57.302	69.685	75.367	93.174	76.362	65.308	6.943	81.634	10.006	0.322	0.08908147
IPI:IPI00014307.4	63.446	8.458	-0.307	0.07540109	1	20.566	25.276	17.372	20.221	20.721	19.840	21.071	3.976	20.261	0.442	-0.057	0.75904875
IPI:IPI00014310.3	284.049	12.281	-0.085	0.34454941	3	103.957	97.908	100.023	193.553	188.726	198.463	100.629	3.070	193.581	4.869	0.944	0.00004116
IPI:IPI00014311.5	235.292	14.287	0.089	0.24705373	3	160.354	146.600	148.646	111.638	130.056	124.517	151.867	7.421	122.070	9.450	-0.315	0.01429964
IPI:IPI00014312.1	634.177	18.334	-0.074	0.07354518	9	309.357	290.204	314.399	341.670	352.565	353.337	304.653	12.765	349.191	6.525	0.197	0.01281451
IPI:IPI00014340.2	72.804	2.317	-0.023	0.47734387	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014344.1	96.639	6.342	0.213	0.04863088	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014361.1	143.702	3.610	0.079	0.27171638	8	197.777	217.644	200.468	164.663	138.515	165.023	205.296	10.778	156.067	15.202	-0.396	0.01301440
IPI:IPI00014375.2	467.519	18.866	0.135	0.04832019	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014376.5	440.871	47.917	0.263	0.10036526	2	46.350	48.718	44.880	46.778	46.136	38.253	46.649	1.936	43.723	4.747	-0.093	0.40446065
IPI:IPI00014377.3	210.759	13.032	0.212	0.08296783	6	285.992	242.674	291.348	156.186	185.285	160.415	273.338	26.690	167.295	15.722	-0.708	0.00769767
IPI:IPI00014398.4	1,656.353	33.254	0.007	0.87239315	11	434.143	464.262	460.252	351.360	356.674	348.581	452.886	16.355	352.205	4.112	-0.363	0.00608317
IPI:IPI00014399.2	282.148	1.447	0.037	0.34212673	1	49.020	59.497	50.204	65.501	60.143	67.190	52.907	5.738	64.278	3.679	0.281	0.05410755
IPI:IPI00014400.5	88.823	7.617	-0.037	0.70867975	3	186.557	223.155	179.763	314.545	266.218	306.695	196.492	23.340	295.819	25.934	0.590	0.00809841
IPI:IPI00014414.2	83.728	6.092	-0.260	0.02996056	1	45.456	52.495	53.117	30.692	38.477	31.663	50.356	4.255	33.611	4.242	-0.583	0.00851215
IPI:IPI00014424.1	0.000	0.000	n/a	n/a	23	550.893	597.451	561.159	709.500	654.289	703.470	569.834	24.461	689.086	30.286	0.274	0.00684661
IPI:IPI00014439.4	240.734	21.627	0.658	0.00799323	4	166.585	154.007	146.097	111.294	112.767	115.293	155.563	10.332	113.118	2.022	-0.460	0.01631943
IPI:IPI00014440.3	51.194	4.716	0.066	0.61832391	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014444.6	43.870	6.549	0.117	0.48313804	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014456.4	126.272	4.655	0.147	0.02623734	7	352.131	339.118	363.787	335.110	389.299	338.095	351.679	12.341	354.168	30.461	0.010	0.90506813
IPI:IPI00014474.1	125.901	2.650	0.537	0.00014164	7	410.445	368.731	392.317	449.066	521.882	471.678	390.498	20.916	480.875	37.269	0.300	0.03253570
IPI:IPI00014478.1	35.735	3.957	0.319	0.09949657	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014481.4	42.365	0.610	-1.302	0.00245672	5	173.707	183.539	161.130	225.224	207.276	219.108	172.792	11.232	217.203	9.124	0.330	0.00675775
IPI:IPI00014513.1	114.240	2.294	-0.256	0.00052796	5	109.949	147.171	111.125	208.255	146.488	207.517	122.748	21.159	187.420	35.450	0.611	0.06654992
IPI:IPI00014516.1	89.089	4.257	-0.080	0.16636311	14	918.351	920.763	934.409	249.101	277.409	262.812	924.508	8.659	263.107	14.156	-1.813	0.00000244
IPI:IPI00014533.1	1,132.050	36.489	0.079	0.16853175	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014572.1	1,678.673	175.640	0.551	0.01717384	4	99.664	90.212	93.078	93.169	91.916	91.193	94.318	4.847	92.093	1.000	-0.034	0.51206796
IPI:IPI00014577.1	695.157	47.574	0.394	0.01850954	8	302.915	277.995	301.893	289.418	308.196	290.562	294.268	14.102	296.059	10.527	0.009	0.87050993
IPI:IPI00014581.1	303.337	13.283	-0.096	0.15844430	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014587.1	175.006	6.629	-0.371	0.00060485	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014589.1	429.142	54.334	-0.467	0.03214715	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00014624.2	AP3S1	AP-3 complex subunit sigma-1	2	87.862	89.844	92.704	92.063	84.132	86.497	90.137	2.434
IPI:IPI00014812.1	MRPS21	28S ribosomal protein S21, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014831.1	PDK1	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1, mitochondrial	1	56.534	43.645	56.861	49.880	54.754	45.878	52.347	7.537
IPI:IPI00014843.5	LRRC16A	Isoform 1 of Leucine-rich repeat-containing protein 16A	2	134.551	109.234	109.951	136.010	122.276	133.250	117.912	14.414
IPI:IPI00014850.4	PEA15	Astrocytic phosphoprotein PEA-15	4	249.771	268.720	243.860	263.488	239.717	256.949	254.117	12.987
IPI:IPI00014865.4	PCIF1	cDNA FLJ61655, highly similar to Phosphorylated CTD-interacting factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014878.9	PRKD1	Putative uncharacterized protein PRKD1	3	96.726	139.408	109.839	120.218	88.365	113.803	115.324	21.863
IPI:IPI00014893.5	NDE1	Isoform 2 of Nuclear distribution protein nudE homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014897.4	PLCB4	Isoform 2 of 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-4	1	35.466	46.820	39.659	52.190	37.325	43.364	40.648	5.741
IPI:IPI00014898.3	PLEC1	Isoform 1 of Plectin-1	161	9,598.830	9,374.340	9,568.320	8,413.330	8,789.410	8,602.570	9,513.830	121.761
IPI:IPI00014903.2	FGFR1OP2	Isoform 1 of FGFR1 oncogene partner 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014938.3	SARNP	Nuclear protein Hcc-1	4	270.126	267.217	256.117	190.215	190.133	200.497	264.487	7.393
IPI:IPI00014958.1	PON2	Isoform 1 of Serum paraoxonase/arylesterase 2	5	334.889	323.402	307.063	319.092	330.402	329.858	321.785	13.983
IPI:IPI00014978.3	PPP2R5A	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00014984.2	CDR2L	Putative uncharacterized protein CDR2L (Fragment)	1	135.514	126.618	136.695	128.814	153.166	129.054	132.942	5.509
IPI:IPI00015018.1	PPA1	Inorganic pyrophosphatase	19	1,014.400	1,043.250	1,017.730	1,052.530	1,018.190	1,053.770	1,025.127	15.783
IPI:IPI00015029.1	PTGES3	Prostaglandin E synthase 3	14	1,002.810	1,125.850	1,076.860	934.881	889.720	862.196	1,068.507	61.944
IPI:IPI00015077.1	EIF1	Eukaryotic translation initiation factor 1	5	169.682	192.225	165.671	203.203	176.124	208.872	175.859	14.314
IPI:IPI00015101.2	C9orf167	Torsin family protein C9orf167	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015102.2	ALCAM	Isoform 1 of CD166 antigen	26	1,547.370	1,464.870	1,520.370	1,755.580	1,876.080	1,805.600	1,510.870	42.062
IPI:IPI00015104.1	CKS1B	Cyclin-dependent kinases regulatory subunit 1	1	74.600	76.443	75.633	31.850	41.118	37.945	75.559	0.923
IPI:IPI00015119.1	POLR2F	DNA-directed RNA polymerases I, II, and III subunit RPABC2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015141.4	CKMT2	Creatine kinase, sarcomeric mitochondrial	1	35.998	59.857	3.704	30.470	191.906	11.213	33.186	28.182
IPI:IPI00015143.1	ORC5L	Origin recognition complex subunit 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015145.3	NCOA4	Isoform Alpha of Nuclear receptor coactivator 4	5	33.330	29.011	35.308	298.399	311.324	297.649	32.550	3.220
IPI:IPI00015148.3	RAP1B	Ras-related protein Rap-1b	11	1,275.550	1,222.060	1,239.280	1,417.490	1,443.900	1,451.390	1,245.630	27.305
IPI:IPI00015161.1	PDE6D	Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015164.4	ORC4L	Origin recognition complex subunit 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015178.1	ARFRP1	ADP-ribosylation factor-related protein 1	1	62.926	59.677	67.004	61.781	74.261	62.198	63.202	3.671
IPI:IPI00015195.1	CSTF3	Cleavage stimulation factor 77 kDa subunit	1	75.138	74.498	75.911	81.228	74.929	80.830	75.182	0.708
IPI:IPI00015213.1	DAPK3	Death-associated protein kinase 3	2	74.604	75.720	70.662	69.187	61.514	63.778	73.662	2.657
IPI:IPI00015262.1	CNN2	Calponin-2	19	1,689.080	1,550.080	1,708.010	1,564.880	1,723.810	1,570.530	1,649.057	86.237
IPI:IPI00015285.7	PCYT2	Ethanolamine-phosphate cytidylyltransferase	1	19.954	18.140	18.139	14.798	15.754	15.103	18.744	1.048
IPI:IPI00015286.2	DOCK1	Dedicator of cytokinesis protein 1	8	334.549	363.633	359.990	390.387	382.382	390.848	352.724	15.845
IPI:IPI00015351.2	C1orf128	Isoform 1 of UPF0424 protein C1orf128	1	3.669	3.285	0.000	3.090	2.679	4.062	2.318	2.017
IPI:IPI00015361.1	PFDN5	Prefoldin subunit 5	3	138.854	188.552	124.559	182.785	124.141	171.338	150.655	33.589
IPI:IPI00015404.2	ARID1B	Isoform 1 of AT-rich interactive domain-containing protein 1B	1	6.700	8.096	5.817	6.821	4.474	7.435	6.871	1.149
IPI:IPI00015423.1	MAP1LC3A	Isoform 2 of Microtubule-associated proteins 1A/1B light chain 3A	3	298.140	259.711	293.124	415.680	478.454	407.363	283.658	20.890
IPI:IPI00015475.3	SLC1A1	Excitatory amino acid transporter 3	1	18.585	16.055	17.036	22.858	24.772	21.234	17.225	1.276
IPI:IPI00015476.1	SLC1A4	Neutral amino acid transporter A	2	163.451	135.237	144.201	158.425	184.090	164.973	147.630	14.416
IPI:IPI00015526.4	EHMT1	euchromatic histone-lysine N-methyltransferase 1 isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015580.3	FNBP1L	Isoform 3 of Formin-binding protein 1-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015602.1	TOMM70A	Mitochondrial import receptor subunit TOM70	16	835.273	880.577	851.477	951.656	913.952	944.236	855.776	22.956
IPI:IPI00015609.1	C4orf30	Uncharacterized protein C4orf30	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015688.1	GPC1	Glypican-1	3	66.105	72.122	63.784	179.538	153.674	159.060	67.337	4.304
IPI:IPI00015713.4	CDKAL1	Isoform 1 of CDK5 regulatory subunit-associated protein 1-like 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015736.3	UBA5	Ubiquitin-like modifier-activating enzyme 5	4	218.580	214.160	213.714	238.115	245.941	237.228	215.485	2.690
IPI:IPI00015756.2	PTPRK	Isoform 1 of Receptor-type tyrosine-protein phosphatase kappa	3	67.549	63.578	69.035	121.730	125.369	133.787	66.720	2.821
IPI:IPI00015758.7	C10orf26	Outcome predictor in acute leukemia 1	1	0.000	4.794	1.397	8.678	7.506	10.813	2.064	2.465
IPI:IPI00015773.3	COMMD3	COMM domain-containing protein 3	4	180.380	165.105	177.746	174.024	182.236	169.840	174.410	8.166

IPI:IPI00014624.2	87.564	4.072	-0.042	0.41201818	2	69.842	79.469	66.230	94.799	84.543	91.136	71.847	6.844	90.159	5.197	0.328	0.02373736
IPI:IPI00014812.1	0.000	0.000	n/a	n/a	1	60.700	63.366	52.573	88.614	77.471	83.824	58.880	5.622	83.303	5.590	0.501	0.00594300
IPI:IPI00014831.1	50.171	4.445	-0.061	0.69571486	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014843.5	130.512	7.265	0.146	0.27059046	1	53.702	63.061	53.505	72.727	63.028	73.374	56.756	5.461	69.710	5.796	0.297	0.04821509
IPI:IPI00014850.4	253.385	12.280	-0.004	0.94794854	4	149.534	176.815	148.710	149.918	129.639	142.576	158.353	15.994	140.711	10.267	-0.170	0.19578598
IPI:IPI00014865.4	0.000	0.000	n/a	n/a	2	8.608	7.828	8.014	10.243	9.920	9.678	8.150	0.407	9.947	0.284	0.287	0.00478348
IPI:IPI00014878.9	107.462	16.846	-0.102	0.64918875	4	126.357	135.004	135.346	84.877	82.344	91.674	132.236	5.094	86.298	4.825	-0.616	0.00035189
IPI:IPI00014893.5	0.000	0.000	n/a	n/a	7	232.381	223.201	223.224	233.583	230.108	230.804	226.269	5.293	231.498	1.839	0.033	0.22326779
IPI:IPI00014897.4	44.293	7.476	0.124	0.54225585	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00014898.3	8,601.770	188.041	-0.145	0.00374233	291	11,127.600	11,397.300	11,247.800	9,896.770	9,758.880	9,788.140	11,257.567	135.115	9,814.597	72.652	-0.198	0.00044592
IPI:IPI00014903.2	0.000	0.000	n/a	n/a	2	57.556	71.846	54.273	77.766	63.652	80.019	61.225	9.343	73.812	8.871	0.270	0.16620135
IPI:IPI00014938.3	193.615	5.960	-0.450	0.00026805	25	911.366	857.746	909.259	775.986	825.449	771.546	892.790	30.368	790.994	29.922	-0.175	0.01444836
IPI:IPI00014958.1	326.451	6.379	0.021	0.63813592	6	231.136	216.563	225.542	143.923	180.869	169.114	224.414	7.352	164.635	18.876	-0.447	0.02055281
IPI:IPI00014978.3	0.000	0.000	n/a	n/a	1	71.186	60.744	72.822	63.595	77.943	69.687	68.251	6.552	70.408	7.201	0.045	0.72167766
IPI:IPI00014984.2	137.011	13.991	0.043	0.67701536	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015018.1	1,041.497	20.194	0.023	0.33505911	42	2,481.950	2,550.010	2,493.800	3,259.100	3,242.740	3,219.510	2,508.587	36.360	3,240.450	19.894	0.369	0.00006055
IPI:IPI00015029.1	895.599	36.697	-0.255	0.02168061	17	716.489	771.172	685.719	896.834	725.746	850.047	724.460	43.281	824.209	88.422	0.186	0.18095019
IPI:IPI00015077.1	196.066	17.502	0.157	0.19982479	9	229.450	184.639	222.005	223.363	276.643	233.372	212.031	24.013	244.459	28.318	0.205	0.20737305
IPI:IPI00015101.2	0.000	0.000	n/a	n/a	1	6.059	5.965	7.104	2.628	4.263	2.540	6.376	0.632	3.144	0.970	-1.020	0.01224141
IPI:IPI00015102.2	1,812.420	60.539	0.263	0.00319395	14	678.680	688.675	673.226	558.245	549.301	545.514	680.194	7.835	551.020	6.537	-0.304	0.00003302
IPI:IPI00015104.1	36.971	4.710	-1.031	0.00378794	2	65.540	71.109	65.400	71.668	66.181	77.708	67.349	3.256	71.852	5.765	0.093	0.32171616
IPI:IPI00015119.1	0.000	0.000	n/a	n/a	1	28.473	30.593	31.864	39.057	29.811	36.534	30.310	1.713	35.134	4.779	0.213	0.21615007
IPI:IPI00015141.4	77.863	99.233	1.230	0.52190050	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015143.1	0.000	0.000	n/a	n/a	1	18.062	16.437	18.718	18.799	20.345	16.244	17.739	1.174	18.463	2.071	0.058	0.63345089
IPI:IPI00015145.3	302.457	7.688	3.216	0.00003488	1	43.547	35.746	35.437	89.148	90.239	98.792	38.243	4.596	92.726	5.281	1.278	0.00019785
IPI:IPI00015148.3	1,437.593	17.808	0.207	0.00108721	21	1,003.220	1,073.410	1,003.600	908.688	866.022	887.276	1,026.743	40.415	887.329	21.333	-0.211	0.01284735
IPI:IPI00015161.1	0.000	0.000	n/a	n/a	1	20.172	27.375	23.036	23.271	18.489	22.560	23.528	3.627	21.440	2.580	-0.134	0.46681570
IPI:IPI00015164.4	0.000	0.000	n/a	n/a	1	46.425	42.325	43.315	73.162	69.483	67.917	44.021	2.139	70.187	2.692	0.673	0.00025804
IPI:IPI00015178.1	66.080	7.088	0.064	0.57728994	1	29.455	32.916	31.390	37.898	35.200	38.649	31.253	1.735	37.249	1.814	0.253	0.01450407
IPI:IPI00015195.1	78.996	3.527	0.071	0.19838604	6	162.372	152.377	164.430	184.564	194.641	187.293	159.726	6.447	188.833	5.212	0.242	0.00425451
IPI:IPI00015213.1	64.826	3.943	-0.184	0.03902080	1	48.666	42.908	41.300	61.665	52.375	63.288	44.291	3.873	59.109	5.888	0.416	0.02827811
IPI:IPI00015262.1	1,619.740	90.172	-0.026	0.70551199	21	1,307.320	1,394.600	1,257.400	1,535.530	1,380.250	1,506.270	1,319.773	69.443	1,474.017	82.512	0.159	0.07029379
IPI:IPI00015285.7	15.218	0.488	-0.301	0.01531760	7	179.789	190.511	193.054	255.023	243.784	250.740	187.785	7.040	249.849	5.672	0.412	0.00036825
IPI:IPI00015286.2	387.872	4.760	0.137	0.05154337	7	297.638	300.869	288.608	395.044	378.647	383.206	295.705	6.355	385.632	8.463	0.383	0.00020074
IPI:IPI00015351.2	3.277	0.711	0.499	0.50472416	4	84.470	93.365	85.361	82.975	93.610	80.332	87.732	4.899	85.639	7.028	-0.035	0.69745075
IPI:IPI00015361.1	159.421	31.085	0.082	0.75715846	17	1,027.750	1,160.590	1,012.650	849.721	754.950	825.477	1,066.997	81.405	810.049	49.233	-0.397	0.01498371
IPI:IPI00015404.2	6.243	1.563	-0.138	0.60823119	5	117.841	118.885	126.670	157.898	163.750	167.888	121.132	4.824	163.179	5.019	0.430	0.00047884
IPI:IPI00015423.1	433.832	38.867	0.613	0.00917379	2	162.233	164.965	171.813	98.816	110.410	100.073	166.337	4.935	103.100	6.362	-0.690	0.00024506
IPI:IPI00015475.3	22.955	1.771	0.414	0.01306436	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015476.1	169.163	13.336	0.196	0.13081803	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015526.4	0.000	0.000	n/a	n/a	6	125.672	130.913	134.289	173.477	186.728	173.094	130.291	4.342	177.766	7.763	0.448	0.00222637
IPI:IPI00015580.3	0.000	0.000	n/a	n/a	7	309.833	280.876	318.235	378.199	436.296	389.812	302.981	19.599	401.436	30.743	0.406	0.01399304
IPI:IPI00015602.1	936.615	19.974	0.130	0.01049569	50	1,813.070	1,792.730	1,782.420	2,336.670	2,339.110	2,319.350	1,796.073	15.596	2,331.710	10.773	0.377	0.00000371
IPI:IPI00015609.1	0.000	0.000	n/a	n/a	2	47.690	48.326	41.341	58.075	54.416	60.664	45.785	3.862	57.718	3.139	0.334	0.01548819
IPI:IPI00015688.1	164.091	13.646	1.285	0.00360570	5	183.307	188.519	200.460	194.653	193.539	204.860	190.762	8.794	197.684	6.240	0.051	0.33532289
IPI:IPI00015713.4	0.000	0.000	n/a	n/a	1	24.205	23.977	26.039	16.322	13.421	16.320	24.740	1.131	15.355	1.675	-0.688	0.00221426
IPI:IPI00015736.3	240.428	4.795	0.158	0.00363173	4	79.895	69.133	73.855	85.225	84.292	86.935	74.295	5.394	85.484	1.340	0.202	0.06202384
IPI:IPI00015756.2	126.962	6.184	0.928	0.00089064	2	60.052	64.122	59.144	79.021	73.031	78.771	61.106	2.651	76.941	3.388	0.332	0.00376221
IPI:IPI00015758.7	8.999	1.676	2.125	0.02024142	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015773.3	175.367	6.306	0.008	0.88096909	3	183.735	189.097	188.741	202.495	205.311	198.806	187.191	2.998	202.204	3.262	0.111	0.00433229

IPI:IPI00015806.3	GTF3C3	Isoform 1 of General transcription factor 3C polypeptide 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015808.3	GNL2	Nucleolar GTP-binding protein 2	8	473.789	460.779	469.305	449.063	472.222	456.816	467.958	6.609
IPI:IPI00015809.1	OSGEP	Probable O-sialoglycoprotein endopeptidase	1	29.760	21.565	26.240	23.784	29.888	23.316	25.855	4.111
IPI:IPI00015826.2	ABCB10	ATP-binding cassette sub-family B member 10, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015833.1	CHCHD3	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial	6	435.192	427.451	460.230	372.329	390.924	362.736	440.958	17.133
IPI:IPI00015836.1	APPL1	DCC-interacting protein 13-alpha	3	163.791	210.623	171.398	271.944	212.806	265.971	181.937	25.132
IPI:IPI00015838.3	LYAR	Cell growth-regulating nucleolar protein	6	477.884	447.258	467.387	464.486	459.600	482.473	464.176	15.563
IPI:IPI00015842.1	RCN1	Reticulocalbin-1	46	1,989.840	1,852.230	1,973.810	1,736.480	1,867.720	1,770.710	1,938.627	75.250
IPI:IPI00015865.6	ADPRHL2	Poly(ADP-ribose) glycohydrolase ARH3	2	133.509	161.377	133.089	172.996	140.325	175.659	142.658	16.212
IPI:IPI00015866.2	ARL2BP	Isoform 1 of ADP-ribosylation factor-like protein 2-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015891.1	PFDN4	Prefoldin subunit 4	3	66.162	67.143	67.492	58.200	53.876	57.574	66.932	0.689
IPI:IPI00015894.1	CDC42EP4	Cdc42 effector protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015897.2	CHORDC1	Isoform 1 of Cysteine and histidine-rich domain-containing protein 1	9	316.514	360.062	339.276	391.740	373.859	398.941	338.617	21.781
IPI:IPI00015902.3	PDGFRB	Beta-type platelet-derived growth factor receptor	6	242.869	238.053	243.500	500.152	602.960	488.804	241.474	2.979
IPI:IPI00015905.1	EXOSC2	Exosome complex exonuclease RRP4	1	36.781	30.674	40.106	37.080	42.719	46.051	35.854	4.784
IPI:IPI00015911.1	DLD	Dihydrolipoyl dehydrogenase, mitochondrial	13	1,149.260	1,114.650	1,141.280	1,194.410	1,225.690	1,218.120	1,135.063	18.123
IPI:IPI00015919.1	SERGEF	Isoform 1 of Secretion-regulating guanine nucleotide exchange factor	1	45.979	55.583	48.035	65.777	39.399	56.226	49.866	5.057
IPI:IPI00015920.2	SLC25A10	Isoform 1 of Mitochondrial dicarboxylate carrier	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015922.2	INTS6	Isoform 1 of Integrator complex subunit 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015924.1	TFIP11	Isoform 1 of Tuftelin-interacting protein 11	1	12.418	13.419	13.065	10.800	11.347	12.587	12.967	0.507
IPI:IPI00015944.4	EML2	cDNA FLJ56452, highly similar to Echinoderm microtubule-associated protein-like 2	4	126.476	137.031	125.959	153.614	144.085	154.287	129.822	6.249
IPI:IPI00015947.5	DNAJB1	DnaJ homolog subfamily B member 1	9	734.927	758.380	728.660	707.828	689.092	710.126	740.656	15.666
IPI:IPI00015952.2	EIF4G2	cDNA FLJ59571, highly similar to Eukaryotic translation initiation factor 4gamma 2	17	1,414.080	1,437.670	1,416.720	1,414.410	1,393.940	1,420.010	1,422.823	12.925
IPI:IPI00015953.3	DDX21	Isoform 1 of Nucleolar RNA helicase 2	15	1,091.500	1,027.110	1,115.690	883.665	845.353	887.470	1,078.100	45.785
IPI:IPI00015954.1	SAR1A	GTP-binding protein SAR1a	5	370.843	372.008	369.272	291.268	329.262	272.744	370.708	1.373
IPI:IPI00015955.5	EXOSC5	Exosome complex exonuclease RRP46	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00015956.3	EXOSC3	Exosome complex exonuclease RRP40	3	112.630	127.648	114.583	128.587	100.885	120.313	118.287	8.165
IPI:IPI00015972.1	COX6C	Cytochrome c oxidase subunit 6C	7	429.427	391.667	433.651	392.387	420.292	394.086	418.248	23.117
IPI:IPI00015973.1	EPB41L2	Band 4.1-like protein 2	32	2,268.400	2,308.170	2,262.540	2,101.930	2,111.400	2,199.480	2,279.703	24.826
IPI:IPI00015980.3	MPDZ	Isoform 2 of Multiple PDZ domain protein	1	18.270	23.480	25.001	20.316	20.293	21.932	22.250	3.530
IPI:IPI00015995.1	KLHL1	Kelch-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016006.2	GPHN	Isoform 1 of Gephyrin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016014.1	ITM2C	Isoform 1 of Integral membrane protein 2C	2	20.331	18.015	15.580	95.024	110.101	103.377	17.975	2.376
IPI:IPI00016074.1	MPHOSPH6	M-phase phosphoprotein 6	2	151.674	148.504	151.652	131.421	138.062	140.656	150.610	1.824
IPI:IPI00016077.1	GBAS	Protein NipSnap homolog 2	5	204.110	194.086	213.044	232.924	241.065	231.356	203.747	9.484
IPI:IPI00016112.6	PXDN	Isoform 1 of Peroxidasin homolog	10	245.921	225.291	247.484	574.623	579.386	575.510	239.565	12.387
IPI:IPI00016152.7	TSC22D3	Isoform 1 of TSC22 domain family protein 3	2	88.061	89.928	88.436	114.123	100.344	110.456	88.808	0.988
IPI:IPI00016179.1	S100A13	Protein S100-A13	10	822.236	815.792	822.831	874.225	885.990	895.890	820.286	3.904
IPI:IPI00016249.4	FXR1	Isoform 1 of Fragile X mental retardation syndrome-related protein 1	6	622.044	581.536	617.635	561.783	615.728	584.678	607.072	22.224
IPI:IPI00016250.6	FXR2	Fragile X mental retardation syndrome-related protein 2	1	65.992	64.084	73.043	60.980	69.700	61.416	67.706	4.719
IPI:IPI00016255.4	PLBD1	phospholipase B domain containing 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016287.5	THNSL1	Threonine synthase-like 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016334.2	MCAM	Isoform 1 of Cell surface glycoprotein MUC18	17	865.201	912.050	880.725	924.245	937.714	948.453	885.992	23.864
IPI:IPI00016339.4	RAB5C	Ras-related protein Rab-5C	10	165.140	176.230	168.267	148.760	154.145	147.970	169.879	5.718
IPI:IPI00016342.1	RAB7A	Ras-related protein Rab-7a	22	1,425.650	1,465.310	1,407.330	2,095.280	2,011.580	2,051.620	1,432.763	29.637
IPI:IPI00016346.1	PROSC	Proline synthetase co-transcribed bacterial homolog protein	5	249.260	235.856	236.367	276.239	289.091	277.733	240.494	7.596
IPI:IPI00016353.1	DKK1	Dickkopf-related protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016372.1	RAB9A	Ras-related protein Rab-9A	3	233.177	226.917	233.328	384.426	383.892	389.492	231.141	3.659
IPI:IPI00016373.3	RAB13	Ras-related protein Rab-13	3	325.599	332.703	314.863	326.613	324.525	336.964	324.388	8.981
IPI:IPI00016377.2	RAB28	Isoform S of Ras-related protein Rab-28	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00015806.3	0.000	0.000	n/a	n/a	2	55.067	56.422	60.198	62.505	66.946	62.710	57.229	2.659	64.054	2.507	0.163	0.03206306
IPI:IPI00015808.3	459.367	11.788	-0.027	0.34808303	4	169.516	154.326	172.902	196.385	223.559	200.218	165.581	9.893	206.721	14.708	0.320	0.02063892
IPI:IPI00015809.1	25.663	3.667	-0.011	0.95502724	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015826.2	0.000	0.000	n/a	n/a	1	4.692	4.986	2.521	4.910	2.904	4.937	4.066	1.347	4.250	1.166	0.064	0.86761096
IPI:IPI00015833.1	375.330	14.332	-0.232	0.00764317	44	1,400.690	1,483.070	1,430.400	1,691.760	1,650.970	1,655.580	1,438.053	41.720	1,666.103	22.339	0.212	0.00334917
IPI:IPI00015836.1	250.240	32.556	0.460	0.04864805	4	119.821	132.574	118.045	134.107	118.037	123.277	123.480	7.926	125.140	8.195	0.019	0.81346184
IPI:IPI00015838.3	468.853	12.046	0.014	0.70348660	11	368.763	387.285	374.073	489.699	446.526	483.209	376.707	9.538	473.145	23.280	0.329	0.01010902
IPI:IPI00015842.1	1,791.637	68.077	-0.114	0.06684301	65	2,012.720	1,980.140	1,953.850	1,848.860	1,910.430	1,846.280	1,982.237	29.491	1,868.523	36.315	-0.085	0.01482974
IPI:IPI00015865.6	162.993	19.676	0.192	0.24201029	2	78.765	73.210	77.159	83.557	93.265	83.470	76.378	2.859	86.764	5.630	0.184	0.06607356
IPI:IPI00015866.2	0.000	0.000	n/a	n/a	1	13.778	16.111	15.748	26.198	25.803	25.308	15.213	1.255	25.770	0.446	0.760	0.00204738
IPI:IPI00015891.1	56.550	2.337	-0.243	0.01133291	5	314.136	304.766	321.982	175.547	193.573	190.737	313.628	8.619	186.619	9.693	-0.749	0.00007921
IPI:IPI00015894.1	0.000	0.000	n/a	n/a	1	29.639	29.050	28.141	23.209	28.341	27.611	28.943	0.754	26.387	2.776	-0.133	0.24803508
IPI:IPI00015897.2	388.180	12.914	0.197	0.03794402	24	865.424	941.872	859.100	1,256.760	1,077.420	1,219.680	888.799	46.071	1,184.620	94.671	0.414	0.01801706
IPI:IPI00015902.3	530.639	62.889	1.136	0.01524076	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015905.1	41.950	4.535	0.227	0.18479324	1	42.778	39.478	38.431	28.567	28.658	29.380	40.229	2.269	28.869	0.445	-0.479	0.01076744
IPI:IPI00015911.1	1,212.740	16.319	0.095	0.00545228	6	192.937	186.611	174.677	228.247	225.944	249.228	184.742	9.272	234.473	12.830	0.344	0.00727975
IPI:IPI00015919.1	53.800	13.355	0.110	0.67120620	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00015920.2	0.000	0.000	n/a	n/a	3	191.777	178.194	181.422	169.439	179.871	171.726	183.798	7.096	173.679	5.483	-0.082	0.12766624
IPI:IPI00015922.2	0.000	0.000	n/a	n/a	1	25.888	21.281	19.762	24.834	28.227	27.162	22.310	3.190	26.741	1.735	0.261	0.12281295
IPI:IPI00015924.1	11.578	0.916	-0.163	0.10224534	6	198.413	201.784	214.487	194.324	213.930	188.401	204.895	8.476	198.885	13.362	-0.043	0.55275533
IPI:IPI00015944.4	150.662	5.706	0.215	0.01322921	2	54.668	44.806	47.719	53.755	51.285	51.580	49.065	5.067	52.206	1.349	0.090	0.39721011
IPI:IPI00015947.5	702.349	11.538	-0.077	0.03098275	12	496.566	545.274	474.643	670.915	521.691	645.800	505.494	36.152	612.802	79.897	0.278	0.13200638
IPI:IPI00015952.2	1,409.453	13.724	-0.014	0.28694727	40	1,510.200	1,548.620	1,518.890	1,587.250	1,476.830	1,560.810	1,525.903	20.147	1,541.630	57.655	0.015	0.69204877
IPI:IPI00015953.3	872.163	23.296	-0.306	0.00633445	31	1,641.020	1,603.110	1,582.350	2,158.230	2,129.410	2,166.570	1,608.827	29.750	2,151.403	19.498	0.419	0.00004223
IPI:IPI00015954.1	297.758	28.813	-0.316	0.04804839	6	277.978	257.325	263.173	166.839	179.374	164.778	266.159	10.645	170.330	7.900	-0.644	0.00037224
IPI:IPI00015955.5	0.000	0.000	n/a	n/a	2	104.278	101.325	106.956	107.342	125.611	114.106	104.186	2.817	115.686	9.236	0.151	0.15518463
IPI:IPI00015956.3	116.595	14.220	-0.021	0.86969138	4	106.834	122.329	104.504	178.018	143.550	166.276	111.222	9.689	162.615	17.523	0.548	0.01958272
IPI:IPI00015972.1	402.255	15.644	-0.056	0.38450522	7	353.451	359.022	376.928	332.665	330.772	342.840	363.134	12.267	335.426	6.490	-0.115	0.03991202
IPI:IPI00015973.1	2,137.603	53.796	-0.093	0.02877838	71	2,825.140	2,797.770	2,856.230	3,027.760	3,092.410	3,041.120	2,826.380	29.250	3,053.763	34.129	0.112	0.00105301
IPI:IPI00015980.3	20.847	0.940	-0.094	0.56686453	1	14.798	16.004	18.507	30.086	25.804	26.463	16.436	1.892	27.451	2.306	0.740	0.00348920
IPI:IPI00015995.1	0.000	0.000	n/a	n/a	1	58.204	46.886	53.620	73.312	87.143	82.290	52.903	5.693	80.915	7.017	0.613	0.00657121
IPI:IPI00016006.2	0.000	0.000	n/a	n/a	1	32.091	29.589	33.965	42.721	52.400	44.432	31.882	2.196	46.518	5.166	0.545	0.02535017
IPI:IPI00016014.1	102.834	7.553	2.516	0.00123270	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016074.1	136.713	4.763	-0.140	0.02533261	1	53.231	51.450	58.280	56.597	57.936	59.249	54.320	3.543	57.928	1.326	0.093	0.21297335
IPI:IPI00016077.1	235.115	5.212	0.207	0.01401396	9	270.539	262.719	260.611	318.377	308.435	309.709	264.623	5.231	312.174	5.410	0.238	0.00040002
IPI:IPI00016112.6	576.506	2.533	1.267	0.00029319	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016152.7	108.308	7.136	0.286	0.03974445	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016179.1	885.368	10.846	0.110	0.00462806	3	204.667	215.942	205.630	147.448	142.764	143.749	208.746	6.250	144.654	2.470	-0.529	0.00103235
IPI:IPI00016249.4	587.396	27.075	-0.048	0.38779822	4	140.440	116.201	137.310	53.019	63.477	54.046	131.317	13.184	56.847	5.765	-1.208	0.00417665
IPI:IPI00016250.6	64.032	4.914	-0.080	0.40344021	1	44.819	36.496	47.193	38.108	40.632	39.777	42.836	5.618	39.506	1.283	-0.117	0.41562212
IPI:IPI00016255.4	0.000	0.000	n/a	n/a	3	68.261	71.006	66.471	69.056	69.279	61.907	68.579	2.284	66.747	4.193	-0.039	0.55265834
IPI:IPI00016287.5	0.000	0.000	n/a	n/a	2	58.048	65.289	64.933	51.674	47.157	57.234	62.756	4.082	52.022	5.047	-0.271	0.04811757
IPI:IPI00016334.2	936.804	12.130	0.080	0.04688867	6	383.992	442.445	390.128	395.039	304.118	382.857	405.522	32.123	360.671	49.354	-0.169	0.26823678
IPI:IPI00016339.4	150.292	3.360	-0.177	0.01203102	11	563.728	552.966	566.855	390.840	393.077	397.803	561.183	7.286	393.907	3.555	-0.511	0.00006368
IPI:IPI00016342.1	2,052.827	41.863	0.519	0.00006941	49	1,708.440	1,677.440	1,713.560	1,808.310	1,829.100	1,824.680	1,699.813	19.544	1,820.697	10.952	0.099	0.00214237
IPI:IPI00016346.1	281.021	7.029	0.225	0.00254585	2	30.909	42.195	27.066	54.034	34.256	49.871	33.390	7.864	46.054	10.427	0.464	0.17430202
IPI:IPI00016353.1	0.000	0.000	n/a	n/a	1	72.307	78.817	73.158	57.557	51.148	54.023	74.761	3.538	54.243	3.210	-0.463	0.00181240
IPI:IPI00016372.1	385.937	3.091	0.740	0.00000107	2	230.601	210.748	235.632	23.031	37.112	33.502	225.660	13.157	31.215	7.314	-2.854	0.00014964
IPI:IPI00016373.3	329.367	6.661	0.022	0.48767452	6	168.497	165.539	180.425	90.426	91.768	92.708	171.487	7.881	91.634	1.147	-0.904	0.00274169
IPI:IPI00016377.2	0.000	0.000	n/a	n/a	1	56.754	68.715	57.873	63.463	50.546	61.746	61.114	6.607	58.585	7.015	-0.061	0.67394286

IPI:IPI00016381.2	RAB27A	Isoform Long of Ras-related protein Rab-27A	1	176.908	165.223	177.222	163.499	174.228	166.410	173.118	6.839
IPI:IPI00016387.4	PCF11	Pre-mRNA cleavage complex 2 protein Pcf11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016405.1	OCIAD1	Isoform 1 of OCIA domain-containing protein 1	1	142.328	156.144	141.563	140.489	120.738	147.084	146.678	8.206
IPI:IPI00016418.3	LPCAT2	Isoform 1 of Lysophosphatidylcholine acyltransferase 2	4	305.696	257.804	288.757	250.439	315.325	272.180	284.086	24.285
IPI:IPI00016441.3	SH2B1	Isoform 1 of SH2B adapter protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016443.1	C11orf79	Protein EMI5 homolog, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016447.5	COMMD8	COMM domain-containing protein 8	2	266.487	256.102	257.154	287.813	293.706	295.646	259.914	5.716
IPI:IPI00016457.5	CRAT	Isoform 1 of Carnitine O-acetyltransferase	1	41.543	43.552	38.504	54.899	42.878	57.820	41.200	2.541
IPI:IPI00016458.2	L2HGDH	Isoform 1 of L-2-hydroxyglutarate dehydrogenase, mitochondrial	1	6.274	5.276	5.623	4.356	5.434	5.050	5.724	0.507
IPI:IPI00016494.2	NOL10	Isoform 2 of Nucleolar protein 10	4	90.158	95.317	98.685	82.334	91.961	96.196	94.720	4.295
IPI:IPI00016513.5	RAB10	Ras-related protein Rab-10	7	514.053	505.978	501.556	570.322	603.472	584.165	507.196	6.337
IPI:IPI00016532.3	C4orf27	UPF0609 protein C4orf27	3	216.147	260.792	222.121	210.611	184.961	200.219	233.020	24.236
IPI:IPI00016542.5	WDR76	WD repeat-containing protein 76	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016559.6	THG1L	Probable tRNA(His) guanylyltransferase	2	98.202	82.877	85.486	85.038	94.037	95.134	88.855	8.199
IPI:IPI00016568.1	AK3L1;AK3L	Adenylate kinase isoenzyme 4, mitochondrial	2	95.269	82.992	100.291	85.590	114.505	83.578	92.851	8.899
IPI:IPI00016570.2	BRD8	Isoform 3 of Bromodomain-containing protein 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016572.1	SNRPG	Small nuclear ribonucleoprotein G	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016580.6	DSN1	Isoform 1 of Kinetochore-associated protein DSN1 homolog	1	13.307	12.679	14.963	11.006	15.739	14.032	13.650	1.180
IPI:IPI00016605.3	C1orf123	UPF0587 protein C1orf123	5	287.965	260.753	285.169	282.046	299.183	291.507	277.962	14.969
IPI:IPI00016608.1	TMED2	Transmembrane emp24 domain-containing protein 2	4	215.983	215.630	205.135	274.589	289.575	288.756	212.249	6.164
IPI:IPI00016610.2	PCBP1	Poly(rC)-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016613.2	CSNK2A1	CSNK2A1 protein	4	101.908	115.848	100.278	125.019	109.360	116.830	106.011	8.558
IPI:IPI00016620.5	PSTPIP2	Isoform 1 of Proline-serine-threonine phosphatase-interacting protein 2	1	164.990	185.602	166.306	173.116	170.619	171.714	172.299	11.539
IPI:IPI00016621.7	AP2A2	Isoform 2 of AP-2 complex subunit alpha-2	11	654.997	734.877	720.066	735.126	702.483	761.959	703.313	42.493
IPI:IPI00016634.1	C20orf11	Protein C20orf11	1	58.001	110.803	59.350	63.891	54.518	60.737	76.051	30.104
IPI:IPI00016635.1	ZFP36L1	Butyrate response factor 1	1	15.609	11.575	17.149	28.180	28.342	25.532	14.778	2.879
IPI:IPI00016639.7	PRKCI	Protein kinase C iota type	4	188.371	200.845	186.245	242.869	236.319	251.942	191.820	7.888
IPI:IPI00016645.3	EPHA7	Isoform 1 of Ephrin type-A receptor 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016653.3	CEP152	Putative uncharacterized protein CEP152	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016669.1	RHEB	GTP-binding protein Rheb	5	449.560	401.724	440.498	419.867	466.167	398.427	430.594	25.409
IPI:IPI00016670.3	C11orf59	UPF0404 protein C11orf59	1	386.436	378.838	362.606	518.403	545.867	539.817	375.960	12.173
IPI:IPI00016676.1	TOMM20	Mitochondrial import receptor subunit TOM20 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016699.4	MTFR1	Mitochondrial fission regulator 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016702.4	RABGAP1	Isoform 1 of Rab GTPase-activating protein 1	13	667.828	668.375	677.721	608.014	620.551	624.134	671.308	5.561
IPI:IPI00016703.2	DHCR24	24-dehydrocholesterol reductase	8	522.634	526.192	502.075	692.075	694.387	686.553	516.967	13.019
IPI:IPI00016725.2	GTF3C4	General transcription factor 3C polypeptide 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016736.1	PLCG1	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-1	5	320.806	342.666	321.544	380.452	346.301	373.101	328.339	12.413
IPI:IPI00016746.1	CBFB	Isoform 1 of Core-binding factor subunit beta	1	50.507	52.126	46.894	43.433	40.262	43.789	49.842	2.679
IPI:IPI00016752.1	S100A3	Protein S100-A3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016780.3	PRDM2	Predicted retinoblastoma binding protein (RIZ) family protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016786.1	CDC42	Isoform 2 of Cell division control protein 42 homolog	31	2,481.600	2,501.240	2,689.290	2,296.240	2,324.850	2,215.630	2,557.377	114.662
IPI:IPI00016801.1	GLUD1	Glutamate dehydrogenase 1, mitochondrial	23	1,194.170	1,274.410	1,210.770	1,202.990	1,023.100	1,176.180	1,226.450	42.356
IPI:IPI00016802.1	SIRT1	NAD-dependent deacetylase sirtuin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016832.1	PSMA1	Isoform Short of Proteasome subunit alpha type-1	10	471.406	490.307	473.042	539.066	517.852	540.306	478.252	10.472
IPI:IPI00016859.2	BRF1	Isoform 1 of Transcription factor IIIB 90 kDa subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016862.1	GSR	Isoform Mitochondrial of Glutathione reductase, mitochondrial	14	645.946	682.012	630.631	824.920	815.337	803.657	652.863	26.380
IPI:IPI00016877.4	PLEKHO1	cDNA FLJ61462, highly similar to Homo sapiens CK2 interacting protein 1	1	31.025	25.368	33.560	23.051	27.452	21.292	29.984	4.194
IPI:IPI00016891.1	RAB6B	Ras-related protein Rab-6B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016906.2	SEPHS2	Selenide, water dikinase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00016910.1	EIF3CL;EIF	Eukaryotic translation initiation factor 3 subunit C	14	942.187	987.976	932.706	921.953	875.570	867.634	954.290	29.556
IPI:IPI00016912.1	TTC1	Tetratricopeptide repeat protein 1	8	634.479	620.901	637.413	609.442	646.922	643.358	630.931	8.809
IPI:IPI00016915.1	IGFBP7	Insulin-like growth factor-binding protein 7	16	690.195	653.040	656.235	1,943.470	2,010.680	1,965.720	666.490	20.591
IPI:IPI00016925.1	C12orf57	Protein C10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00016381.2	168.046	5.548	-0.043	0.37748688	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016387.4	0.000	0.000	n/a	n/a	5	101.412	85.866	95.893	91.727	94.246	87.764	94.390	7.881	91.246	3.268	-0.049	0.57492327
IPI:IPI00016405.1	136.104	13.710	-0.108	0.32908935	7	210.196	233.539	209.666	273.305	237.782	270.615	217.800	13.633	260.567	19.778	0.259	0.04318514
IPI:IPI00016418.3	279.315	33.026	-0.024	0.85157218	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016441.3	0.000	0.000	n/a	n/a	1	51.620	45.881	46.246	69.152	73.299	69.828	47.916	3.213	70.760	2.225	0.562	0.00095057
IPI:IPI00016443.1	0.000	0.000	n/a	n/a	1	18.174	16.824	17.062	24.399	31.930	25.419	17.353	0.721	27.249	4.085	0.651	0.04879903
IPI:IPI00016447.5	292.388	4.079	0.170	0.00199513	2	39.005	42.243	40.933	42.038	33.874	36.786	40.727	1.629	37.566	4.138	-0.117	0.31793279
IPI:IPI00016457.5	51.866	7.920	0.332	0.13498926	3	180.054	179.287	190.925	163.426	182.220	165.694	183.422	6.509	170.447	10.259	-0.106	0.15103726
IPI:IPI00016458.2	4.947	0.546	-0.211	0.14580470	2	108.368	117.694	104.595	156.590	135.349	142.556	110.219	6.743	144.832	10.802	0.394	0.01417005
IPI:IPI00016494.2	90.163	7.104	-0.071	0.40632324	10	270.951	275.408	280.245	368.995	382.716	370.153	275.535	4.648	373.955	7.610	0.441	0.00016795
IPI:IPI00016513.5	585.986	16.650	0.208	0.00786008	16	410.856	454.290	412.921	488.408	431.601	469.796	426.022	24.502	463.268	28.961	0.121	0.16672165
IPI:IPI00016532.3	198.597	12.902	-0.231	0.11758018	3	130.519	125.921	120.287	130.970	131.651	139.275	125.576	5.125	133.965	4.611	0.093	0.10350505
IPI:IPI00016542.5	0.000	0.000	n/a	n/a	1	26.387	29.494	26.694	37.086	47.255	31.587	27.525	1.712	38.643	7.949	0.489	0.13117608
IPI:IPI00016559.6	91.403	5.539	0.041	0.68188925	1	55.182	57.705	58.286	66.305	66.832	65.723	57.058	1.650	66.286	0.555	0.216	0.00594271
IPI:IPI00016568.1	94.558	17.304	0.026	0.88900927	3	252.478	205.915	253.710	163.782	205.912	167.235	237.368	27.246	178.976	23.391	-0.407	0.04944379
IPI:IPI00016570.2	0.000	0.000	n/a	n/a	1	16.953	19.922	16.915	26.740	20.586	26.386	17.930	1.725	24.571	3.455	0.455	0.06048102
IPI:IPI00016572.1	0.000	0.000	n/a	n/a	1	83.706	111.927	93.141	138.596	98.078	131.171	96.258	14.366	122.615	21.571	0.349	0.16524441
IPI:IPI00016580.6	13.592	2.397	-0.006	0.97337834	2	56.388	55.226	53.422	113.466	105.728	106.808	55.012	1.494	108.667	4.191	0.982	0.00071701
IPI:IPI00016605.3	290.912	8.584	0.066	0.28028584	11	385.776	359.144	383.457	464.638	473.510	465.213	376.126	14.752	467.787	4.965	0.315	0.00459345
IPI:IPI00016608.1	284.307	8.426	0.422	0.00046224	3	398.652	431.523	408.420	81.558	84.330	89.458	412.865	16.880	85.115	4.008	-2.278	0.00050391
IPI:IPI00016610.2	0.000	0.000	n/a	n/a	32	327.510	340.066	328.861	463.980	472.420	452.411	332.146	6.892	462.937	10.045	0.479	0.00011724
IPI:IPI00016613.2	117.070	7.832	0.143	0.17480535	3	77.778	68.792	77.358	34.662	32.130	30.536	74.643	5.071	32.443	2.081	-1.202	0.00165675
IPI:IPI00016620.5	171.816	1.252	-0.004	0.94938584	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016621.7	733.189	29.785	0.060	0.38122910	13	625.941	582.427	627.533	433.369	469.065	452.406	611.967	25.595	451.613	17.861	-0.438	0.00145386
IPI:IPI00016634.1	59.715	4.769	-0.349	0.44769290	1	20.721	17.305	21.053	20.527	22.284	23.637	19.693	2.075	22.149	1.559	0.170	0.18241888
IPI:IPI00016635.1	27.351	1.578	0.888	0.00629835	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016639.7	243.710	7.845	0.345	0.00128762	5	311.625	318.492	319.395	316.610	308.238	331.565	316.504	4.249	318.804	11.817	0.010	0.77640543
IPI:IPI00016645.3	0.000	0.000	n/a	n/a	1	34.471	37.338	34.528	81.427	76.709	77.506	35.445	1.639	78.548	2.525	1.148	0.00005442
IPI:IPI00016653.3	0.000	0.000	n/a	n/a	1	12.813	14.782	10.630	29.230	27.966	25.073	12.742	2.077	27.423	2.131	1.106	0.00103298
IPI:IPI00016669.1	428.154	34.622	-0.008	0.92962579	10	439.521	406.136	459.452	443.038	474.576	430.509	435.036	26.939	449.374	22.707	0.047	0.52167042
IPI:IPI00016670.3	534.696	14.430	0.508	0.00016258	4	236.128	226.399	228.127	263.234	267.946	269.794	230.218	5.191	266.991	3.383	0.214	0.00106285
IPI:IPI00016676.1	0.000	0.000	n/a	n/a	3	38.364	33.628	40.795	46.271	52.565	46.327	37.596	3.644	48.388	3.618	0.364	0.02196791
IPI:IPI00016699.4	0.000	0.000	n/a	n/a	3	120.259	116.917	123.283	122.947	134.749	122.299	120.153	3.184	126.665	7.008	0.076	0.24648597
IPI:IPI00016702.4	617.566	8.464	-0.120	0.00151633	11	364.149	336.526	360.541	502.918	524.539	516.288	353.739	15.015	514.582	10.911	0.541	0.00020536
IPI:IPI00016703.2	691.005	4.025	0.419	0.00084032	4	239.022	241.624	249.031	171.851	169.978	169.669	243.226	5.193	170.499	1.181	-0.513	0.00107022
IPI:IPI00016725.2	0.000	0.000	n/a	n/a	1	54.863	48.507	57.008	21.564	26.709	27.061	53.459	4.421	25.111	3.077	-1.090	0.00134763
IPI:IPI00016736.1	366.618	17.975	0.159	0.04503961	2	59.696	66.816	59.748	95.947	89.428	94.185	62.087	4.096	93.187	3.372	0.586	0.00063576
IPI:IPI00016746.1	42.495	1.942	-0.230	0.02180690	1	65.814	56.535	67.913	40.559	48.521	46.354	63.421	6.055	45.144	4.116	-0.490	0.01634178
IPI:IPI00016752.1	0.000	0.000	n/a	n/a	2	77.681	60.370	82.491	92.083	107.094	96.511	73.514	11.634	98.563	7.713	0.423	0.04382256
IPI:IPI00016780.3	0.000	0.000	n/a	n/a	3	50.190	44.995	45.984	62.963	64.357	58.673	47.057	2.759	61.998	2.962	0.398	0.00314040
IPI:IPI00016786.1	2,278.907	56.636	-0.166	0.03429873	42	2,718.670	2,458.510	2,623.730	2,790.700	3,020.810	2,776.890	2,600.303	131.653	2,862.800	137.015	0.139	0.07526196
IPI:IPI00016801.1	1,134.090	97.050	-0.113	0.23765076	61	2,892.250	2,993.460	2,807.420	2,955.780	2,656.530	2,895.690	2,897.710	93.140	2,836.000	158.303	-0.031	0.59996327
IPI:IPI00016802.1	0.000	0.000	n/a	n/a	6	146.008	157.897	149.746	198.129	189.148	196.227	151.217	6.079	194.501	4.733	0.363	0.00083027
IPI:IPI00016832.1	532.408	12.621	0.155	0.00512290	19	838.324	907.024	803.942	986.335	868.453	996.218	849.763	52.484	950.335	71.084	0.161	0.12617304
IPI:IPI00016859.2	0.000	0.000	n/a	n/a	4	117.149	99.015	119.326	133.259	149.674	133.881	111.830	11.151	138.938	9.303	0.313	0.03340686
IPI:IPI00016862.1	814.638	10.649	0.319	0.00377399	10	268.492	285.750	273.506	409.037	344.766	398.502	275.916	8.878	384.102	34.471	0.477	0.02612631
IPI:IPI00016877.4	23.932	3.173	-0.325	0.12218981	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016891.1	0.000	0.000	n/a	n/a	3	154.763	140.206	162.559	149.809	135.507	139.252	152.509	11.346	141.523	7.416	-0.108	0.24455031
IPI:IPI00016906.2	0.000	0.000	n/a	n/a	1	39.485	38.327	41.683	37.192	40.976	40.590	39.832	1.705	39.586	2.082	-0.009	0.88524500
IPI:IPI00016910.1	888.386	29.340	-0.103	0.05198147	35	1,309.440	1,349.840	1,345.890	1,593.190	1,619.850	1,576.700	1,335.057	22.272	1,596.580	21.774	0.258	0.00013211
IPI:IPI00016912.1	633.241	20.687	0.005	0.87172008	21	940.936	893.963	938.956	1,057.800	1,132.580	1,075.580	924.618	26.567	1,088.653	39.067	0.236	0.00572658
IPI:IPI00016915.1	1,973.290	34.238	1.566	0.00000523	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00016925.1	0.000	0.000	n/a	n/a	1	96.120	91.454	102.084	89.144	104.156	93.627	96.553	5.328	95.642	7.706	-0.014	0.87680845

IPI:IPI00016932.3	INPPL1	Isoform 1 of Phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase 2	6	323.385	299.370	319.870	326.712	338.643	333.719	314.208	12.970
IPI:IPI00016968.1	SDHC	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017095.1	PLA2G12A	Group XIIA secretory phospholipase A2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017160.3	VTA1	Vacuolar protein sorting-associated protein VTA1 homolog	7	432.387	405.842	428.146	422.859	498.325	441.035	422.125	14.260
IPI:IPI00017184.2	EHD1	EH domain-containing protein 1	31	2,002.750	2,077.480	2,016.990	2,174.990	2,132.650	2,215.740	2,032.407	39.679
IPI:IPI00017227.3	UBTD1	Ubiquitin domain-containing protein 1	1	156.261	123.520	155.373	159.864	195.831	168.712	145.051	18.652
IPI:IPI00017256.6	RSU1	Ras suppressor protein 1	11	914.040	867.385	912.649	811.511	932.509	869.098	898.025	26.544
IPI:IPI00017283.2	IARS2	Isoleucyl-tRNA synthetase, mitochondrial	10	928.494	955.612	912.161	1,126.820	1,034.870	1,112.900	932.089	21.947
IPI:IPI00017289.3	SNRNP27	U4/U6.U5 small nuclear ribonucleoprotein 27 kDa protein	2	110.021	125.994	103.200	119.555	99.756	114.777	113.072	11.699
IPI:IPI00017292.1	CTNNB1	Isoform 1 of Catenin beta-1	9	971.593	917.267	979.368	979.451	1,065.290	964.388	956.076	33.834
IPI:IPI00017303.1	MSH2	DNA mismatch repair protein Msh2	3	193.805	182.521	187.589	149.516	169.186	164.760	187.972	5.652
IPI:IPI00017305.2	RPS6KA1	Ribosomal protein S6 kinase alpha-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017331.1	FKBP14	FK506-binding protein 14	1	75.697	87.988	78.686	86.699	80.142	81.804	80.790	6.410
IPI:IPI00017334.1	PHB	Prohibitin	6	368.989	398.151	374.461	415.254	362.452	422.302	380.534	15.500
IPI:IPI00017339.1	SF3B4	Splicing factor 3B subunit 4	3	64.344	59.497	69.285	56.783	53.547	56.298	64.375	4.894
IPI:IPI00017341.3	SF3A2	SF3A2 protein (Fragment)	5	456.269	453.090	478.303	432.241	459.186	414.713	462.554	13.731
IPI:IPI00017342.1	RHOG	Rho-related GTP-binding protein RhoG	1	24.354	24.743	27.106	27.940	28.115	28.430	25.401	1.489
IPI:IPI00017344.3	RAB5B	Ras-related protein Rab-5B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017367.6	RDX	Radixin, isoform CRA_a	18	1,478.660	1,472.670	1,492.840	1,333.190	1,287.590	1,340.430	1,481.390	10.358
IPI:IPI00017373.1	RPA3	Replication protein A 14 kDa subunit	2	312.235	281.435	309.870	241.616	272.865	253.324	301.180	17.141
IPI:IPI00017375.2	SEC23A	Protein transport protein Sec23A	7	398.947	439.674	387.499	457.013	425.012	471.688	408.707	27.423
IPI:IPI00017376.2	SEC23B	Protein transport protein Sec23B	4	174.177	186.769	181.534	137.406	155.381	135.160	180.827	6.326
IPI:IPI00017381.1	RFC4	Replication factor C subunit 4	5	237.608	229.637	257.251	195.004	214.943	212.600	241.499	14.212
IPI:IPI00017412.1	RFC2	Isoform 1 of Replication factor C subunit 2	1	116.355	79.607	119.250	74.824	79.955	74.302	105.071	22.099
IPI:IPI00017448.1	RPS21	40S ribosomal protein S21	5	342.997	342.089	345.107	264.802	264.950	286.499	343.398	1.548
IPI:IPI00017450.2	GTF2F1	General transcription factor IIF subunit 1	7	261.993	283.595	261.711	261.706	227.986	255.640	269.100	12.554
IPI:IPI00017451.1	SF3A1	Splicing factor 3 subunit 1	15	1,259.470	1,298.110	1,257.500	1,212.820	1,138.890	1,223.880	1,271.693	22.899
IPI:IPI00017469.1	SPR	Sepiapterin reductase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017510.3	MT-CO2	Cytochrome c oxidase subunit 2	3	24.469	27.840	31.222	22.022	27.492	24.044	27.844	3.376
IPI:IPI00017562.1	LPHN2	Isoform 2 of Latrophilin-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017567.3	ENG	Isoform Long of Endoglin	7	407.611	415.610	411.182	532.546	529.368	523.633	411.468	4.007
IPI:IPI00017580.1	KIN	DNA/RNA-binding protein KIN17	2	51.047	52.564	45.192	46.053	46.570	44.512	49.601	3.893
IPI:IPI00017592.1	LETM1	LETM1 and EF-hand domain-containing protein 1, mitochondrial	18	931.604	929.613	930.502	985.401	951.124	998.130	930.573	0.997
IPI:IPI00017596.3	MAPRE1	Microtubule-associated protein RP/EB family member 1	19	1,343.210	1,276.770	1,342.340	1,155.030	1,287.970	1,203.990	1,320.773	38.110
IPI:IPI00017597.3	MAPRE3	Isoform 1 of Microtubule-associated protein RP/EB family member 3	1	47.253	44.100	49.002	47.484	60.889	54.320	46.785	2.484
IPI:IPI00017617.1	DDX5	Probable ATP-dependent RNA helicase DDX5	19	1,702.720	1,717.180	1,697.440	991.308	1,021.510	1,028.470	1,705.780	10.220
IPI:IPI00017669.5	SMARCE1	Isoform 1 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	3	80.299	70.237	81.850	65.602	78.980	65.268	77.462	6.305
IPI:IPI00017672.4	NP	cDNA FLJ25678 fis, clone TST04067, highly similar to PURINE NUCLEOSIDE PHOSPHORYLASE	3	150.898	158.609	142.108	179.014	185.315	187.615	150.538	8.256
IPI:IPI00017695.2	WASH1	Protein FAM39A	3	323.571	304.475	307.629	351.788	353.479	349.364	311.892	10.237
IPI:IPI00017704.3	COTL1	Coactosin-like protein	7	465.836	421.687	466.481	428.760	476.736	437.779	451.335	25.678
IPI:IPI00017726.1	HSD17B10	Isoform 1 of 3-hydroxyacyl-CoA dehydrogenase type-2	4	273.598	277.870	268.822	325.222	298.395	323.326	273.430	4.526
IPI:IPI00017730.1	SMAD5	Mothers against decapentaplegic homolog 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017731.1	41522	Septin-5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017763.6	NAP1L4	cDNA FLJ59403, highly similar to Nucleosome assembly protein 1-like 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017799.5	TXN2	cDNA FLJ55158, highly similar to Thioredoxin, mitochondrial	1	75.105	88.845	77.347	78.343	53.424	77.517	80.432	7.371
IPI:IPI00017802.1	AUH	Isoform 1 of Methylglutaconyl-CoA hydratase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017816.2	ATP5S	ATP synthase subunit s, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00017842.1	TP53I11	Putative uncharacterized protein (Fragment)	1	35.317	33.684	33.077	30.603	37.098	36.814	34.026	1.158
IPI:IPI00017855.1	ACO2	Aconitate hydratase, mitochondrial	22	1,266.090	1,409.590	1,293.870	1,405.150	1,333.110	1,341.930	1,323.183	76.109
IPI:IPI00017895.3	GPD2	Isoform 1 of Glycerol-3-phosphate dehydrogenase, mitochondrial	8	510.803	565.668	530.141	490.749	479.347	487.678	535.537	27.828
IPI:IPI00017963.1	SNRPD2	Small nuclear ribonucleoprotein Sm D2	11	686.588	691.069	687.062	696.729	667.881	709.692	688.240	2.462

IPI:IPI00016932.3	333.025	5.996	0.084	0.11270190	4	53.123	50.729	49.164	76.378	63.187	80.511	51.005	1.994	73.358	9.048	0.524	0.04488327
IPI:IPI00016968.1	0.000	0.000	n/a	n/a	1	36.595	88.322	36.813	54.587	17.368	41.720	53.910	29.801	37.892	18.903	-0.509	0.48375436
IPI:IPI00017095.1	0.000	0.000	n/a	n/a	1	64.667	48.164	63.595	70.391	87.868	72.210	58.808	9.234	76.823	9.609	0.386	0.07958934
IPI:IPI00017160.3	454.073	39.386	0.105	0.29420717	7	307.623	280.258	298.766	235.435	263.862	253.167	295.549	13.963	250.821	14.358	-0.237	0.01806989
IPI:IPI00017184.2	2,174.460	41.548	0.097	0.01289480	32	1,137.230	1,096.030	1,134.490	1,038.540	1,122.420	1,056.960	1,122.583	23.037	1,072.640	44.084	-0.066	0.18013735
IPI:IPI00017227.3	174.802	18.741	0.269	0.12321887	2	52.309	46.956	61.434	51.253	60.481	56.887	53.566	7.321	56.207	4.651	0.069	0.63316611
IPI:IPI00017256.6	871.039	60.522	-0.044	0.53522554	7	442.778	416.567	456.516	352.471	365.311	356.326	438.620	20.296	358.036	6.589	-0.293	0.01369586
IPI:IPI00017283.2	1,091.530	49.560	0.228	0.01795259	34	1,634.950	1,698.520	1,655.350	1,463.250	1,449.360	1,467.790	1,662.940	32.458	1,460.133	9.602	-0.188	0.00517016
IPI:IPI00017289.3	111.363	10.332	-0.022	0.86038992	3	138.046	129.630	137.070	130.640	141.540	134.894	134.915	4.603	135.691	5.494	0.008	0.86149322
IPI:IPI00017292.1	1,003.043	54.431	0.069	0.28561003	5	268.185	312.620	294.419	214.269	220.111	220.357	291.741	22.338	218.246	3.446	-0.419	0.02713470
IPI:IPI00017303.1	161.154	10.319	-0.222	0.02730860	13	576.066	531.327	537.209	704.165	692.976	701.813	548.201	24.311	699.651	5.899	0.352	0.00606338
IPI:IPI00017305.2	0.000	0.000	n/a	n/a	11	452.312	432.866	454.136	553.203	567.520	562.879	446.438	11.789	561.201	7.305	0.330	0.00041107
IPI:IPI00017331.1	82.882	3.409	0.037	0.65175300	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00017334.1	400.003	32.710	0.072	0.42377941	12	795.175	745.096	798.699	593.675	655.863	593.726	779.657	29.982	614.421	35.890	-0.344	0.00400283
IPI:IPI00017339.1	55.543	1.745	-0.213	0.07547989	3	75.550	84.865	75.803	76.134	66.544	74.606	78.739	5.306	72.428	5.152	-0.121	0.21449878
IPI:IPI00017341.3	435.380	22.402	-0.087	0.16247794	6	426.162	459.502	405.151	575.586	504.301	606.500	430.272	27.408	562.129	52.412	0.386	0.03039207
IPI:IPI00017342.1	28.162	0.248	0.149	0.08104578	5	156.031	152.499	161.230	194.292	199.537	190.717	156.587	4.392	194.849	4.436	0.315	0.00044895
IPI:IPI00017344.3	0.000	0.000	n/a	n/a	4	146.421	134.095	143.267	200.105	186.340	201.146	141.261	6.403	195.864	8.264	0.471	0.00109472
IPI:IPI00017367.6	1,320.403	28.647	-0.166	0.00540907	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00017373.1	255.935	15.787	-0.235	0.02852707	8	395.783	374.491	391.912	294.958	306.051	297.837	387.395	11.342	299.615	5.756	-0.371	0.00132904
IPI:IPI00017375.2	451.238	23.868	0.143	0.11419065	2	18.841	16.494	20.342	13.906	14.554	14.122	18.559	1.940	14.194	0.329	-0.387	0.05628945
IPI:IPI00017376.2	142.649	11.083	-0.342	0.01209853	3	75.609	69.703	81.872	134.469	147.179	141.294	75.728	6.085	140.981	6.361	0.897	0.00021665
IPI:IPI00017381.1	207.516	10.899	-0.219	0.03338179	13	280.663	302.227	271.821	394.983	335.016	378.483	284.904	15.640	369.494	30.978	0.375	0.02511285
IPI:IPI00017412.1	76.360	3.124	-0.460	0.15092350	6	92.316	95.689	99.279	117.276	116.099	114.629	95.761	3.482	116.001	1.326	0.277	0.00468773
IPI:IPI00017448.1	272.084	12.484	-0.336	0.00923525	20	659.183	723.019	650.098	767.299	711.557	758.716	677.433	39.739	745.857	30.013	0.139	0.08097856
IPI:IPI00017450.2	248.444	17.975	-0.115	0.18657150	14	506.741	504.049	506.930	555.243	577.678	574.596	505.907	1.612	569.172	12.161	0.170	0.01103861
IPI:IPI00017451.1	1,191.863	46.208	-0.094	0.07721462	45	2,185.580	2,220.790	2,158.480	2,030.720	1,943.730	1,982.750	2,188.283	31.243	1,985.733	43.572	-0.140	0.00395161
IPI:IPI00017469.1	0.000	0.000	n/a	n/a	4	197.014	212.918	183.205	228.543	168.454	198.434	197.712	14.869	198.477	30.045	0.006	0.97192623
IPI:IPI00017510.3	24.519	2.766	-0.183	0.26023092	1	46.687	48.110	51.445	22.030	30.531	25.655	48.747	2.442	26.072	4.265	-0.903	0.00328559
IPI:IPI00017562.1	0.000	0.000	n/a	n/a	5	202.926	200.708	200.234	262.890	265.600	265.553	201.289	1.437	264.681	1.551	0.395	0.00000115
IPI:IPI00017567.3	528.516	4.517	0.361	0.00000596	2	95.992	86.202	86.329	48.133	51.599	50.313	89.508	5.616	50.015	1.752	-0.840	0.00372299
IPI:IPI00017580.1	45.712	1.071	-0.118	0.22088960	2	50.773	53.215	44.527	70.809	54.851	70.010	49.505	4.481	65.224	8.992	0.398	0.07499157
IPI:IPI00017592.1	978.218	24.312	0.072	0.07696843	51	2,739.530	2,609.660	2,670.630	2,430.580	2,587.290	2,504.720	2,673.273	64.975	2,507.530	78.393	-0.092	0.04981037
IPI:IPI00017596.3	1,215.663	67.234	-0.120	0.09528916	23	1,150.240	1,272.060	1,130.770	1,353.700	1,144.740	1,277.280	1,184.357	76.575	1,258.573	105.729	0.088	0.38602017
IPI:IPI00017597.3	54.231	6.703	0.213	0.18544455	6	194.664	197.480	199.375	154.024	150.562	162.189	197.173	2.370	155.592	5.970	-0.342	0.00278177
IPI:IPI00017617.1	1,013.763	19.755	-0.751	0.00001515	32	1,320.160	1,267.860	1,281.560	1,475.520	1,453.250	1,450.170	1,289.860	27.120	1,459.647	13.833	0.178	0.00244306
IPI:IPI00017669.5	69.950	7.822	-0.147	0.26794534	15	686.817	682.822	721.002	650.568	682.303	646.101	696.880	20.985	659.657	19.738	-0.079	0.08919694
IPI:IPI00017672.4	183.981	4.453	0.289	0.00797510	5	209.451	183.161	201.051	158.953	162.557	164.987	197.888	13.427	162.166	3.036	-0.287	0.03858336
IPI:IPI00017695.2	351.544	2.068	0.173	0.01829322	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00017704.3	447.758	25.497	-0.011	0.87343282	15	575.747	548.788	574.451	640.463	660.258	625.976	566.329	15.204	642.232	17.209	0.181	0.00482901
IPI:IPI00017726.1	315.648	14.971	0.207	0.03082392	12	561.423	605.469	578.279	528.811	484.966	523.298	581.724	22.224	512.358	23.882	-0.183	0.02135928
IPI:IPI00017730.1	0.000	0.000	n/a	n/a	1	63.640	66.272	72.221	87.606	92.455	89.349	67.378	4.396	89.803	2.456	0.414	0.00385853
IPI:IPI00017731.1	0.000	0.000	n/a	n/a	1	30.895	33.822	29.587	27.650	20.149	29.851	31.435	2.168	25.883	5.087	-0.280	0.19185583
IPI:IPI00017763.6	0.000	0.000	n/a	n/a	3	14.472	15.269	16.469	14.748	15.968	16.134	15.403	1.006	15.617	0.757	0.020	0.78528406
IPI:IPI00017799.5	69.761	14.154	-0.205	0.33045960	12	742.573	701.507	742.350	658.535	721.719	657.475	728.810	23.645	679.243	36.789	-0.102	0.13343321
IPI:IPI00017802.1	0.000	0.000	n/a	n/a	1	54.240	49.182	49.131	45.976	49.129	43.306	50.851	2.935	46.137	2.915	-0.140	0.11971346
IPI:IPI00017816.2	0.000	0.000	n/a	n/a	2	51.639	62.415	58.758	75.862	54.700	73.002	57.604	5.480	67.854	11.482	0.236	0.26137628
IPI:IPI00017842.1	34.838	3.671	0.034	0.74482039	2	36.938	58.303	41.071	82.698	42.937	76.570	45.437	11.332	67.402	21.407	0.569	0.21336823
IPI:IPI00017855.1	1,360.063	39.294	0.040	0.51019888	62	2,510.940	2,644.830	2,495.230	2,337.240	2,311.890	2,386.760	2,550.333	82.213	2,345.297	38.080	-0.121	0.03302057
IPI:IPI00017895.3	485.925	5.900	-0.140	0.08491321	8	392.794	430.775	405.165	247.999	240.130	251.123	409.578	19.371	246.417	5.665	-0.733	0.00263010
IPI:IPI00017963.1	691.434	21.403	0.007	0.82095289	32	1,162.540	1,161.720	1,094.890	1,519.410	1,356.840	1,528.670	1,139.717	38.823	1,468.307	96.644	0.365	0.01684635

IPI:IPI00017964.1	SNRPD3	Small nuclear ribonucleoprotein Sm D3	4	215.789	250.057	218.589	171.128	150.626	170.829	228.145	19.028
IPI:IPI00018009.2	EDC3	Enhancer of mRNA-decapping protein 3	2	131.324	126.402	140.592	124.563	122.363	114.218	132.773	7.205
IPI:IPI00018019.1	GPATCH2	Isoform 1 of G patch domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018026.3	BSDC1	Isoform 3 of BSD domain-containing protein 1	2	60.687	59.893	61.994	77.192	69.713	83.820	60.858	1.061
IPI:IPI00018027.2	AGGF1	Isoform 1 of Angiogenic factor with G patch and FHA domains 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018069.5	SS18	SSXT protein	3	137.963	149.091	147.325	110.578	107.743	109.003	144.793	5.980
IPI:IPI00018090.2	IFT74	Intraflagellar transport protein 74 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018098.4	PRPF38B	Isoform 1 of Pre-mRNA-splicing factor 38B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018111.1	TAF7	Transcription initiation factor TFIID subunit 7	3	147.565	142.841	146.068	146.170	155.590	158.758	145.491	2.414
IPI:IPI00018117.3	DAP	Death-associated protein 1	2	199.710	218.567	191.119	209.046	167.924	202.287	203.132	14.040
IPI:IPI00018120.1	DAP3	28S ribosomal protein S29, mitochondrial	5	248.500	226.698	233.436	217.441	230.397	241.308	236.211	11.163
IPI:IPI00018140.3	SYNCRIP	Isoform 1 of Heterogeneous nuclear ribonucleoprotein Q	47	2,722.550	2,861.730	2,684.130	2,840.730	2,658.660	2,824.780	2,756.137	93.442
IPI:IPI00018146.1	YWHAQ	14-3-3 protein theta	26	1,094.710	1,119.720	1,098.930	1,083.220	1,099.460	1,129.320	1,104.453	13.389
IPI:IPI00018147.1	HRH1	Histamine H1 receptor	1	13.429	13.011	13.341	32.745	25.542	31.204	13.261	0.220
IPI:IPI00018188.3	NECAP2	Isoform 1 of Adaptin ear-binding coat-associated protein 2	4	358.950	355.853	346.303	375.112	397.601	393.828	353.702	6.592
IPI:IPI00018192.2	WDR74	Isoform 1 of WD repeat-containing protein 74	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018195.3	MAPK3	Mitogen-activated protein kinase 3	9	225.657	193.927	188.338	285.660	262.068	291.782	202.641	20.128
IPI:IPI00018196.5	NLE1	Notchless protein homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018206.3	GOT2	Aspartate aminotransferase, mitochondrial	22	1,162.250	1,151.970	1,089.170	1,276.920	1,328.710	1,271.290	1,134.463	39.561
IPI:IPI00018208.2	TTC33	Tetratricopeptide repeat protein 33	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018213.5	LRRC8D	Leucine-rich repeat-containing protein 8D	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018219.1	TGFBI	Transforming growth factor-beta-induced protein ig-h3	3	242.892	210.410	235.795	257.286	310.286	261.557	229.699	17.077
IPI:IPI00018229.3	PLDN	Isoform 1 of Pallidin	1	51.602	44.341	54.411	60.770	77.459	62.003	50.118	5.196
IPI:IPI00018236.2	GM2A	Ganglioside GM2 activator	1	105.031	99.172	101.775	94.684	107.829	105.524	101.993	2.935
IPI:IPI00018237.3	TMEM38B	Trimeric intracellular cation channel type B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018240.8	SDAD1	Isoform 1 of Protein SDA1 homolog	3	110.095	109.351	110.856	109.845	122.352	116.083	110.101	0.753
IPI:IPI00018246.5	HK1	Isoform 1 of Hexokinase-1	18	1,182.530	1,212.840	1,177.390	1,237.310	1,190.740	1,246.650	1,190.920	19.156
IPI:IPI00018260.1	ARMC1	Armadillo repeat-containing protein 1	1	40.299	46.555	46.654	46.509	47.256	46.398	44.503	3.641
IPI:IPI00018272.3	PNPO	Pyridoxine-5'-phosphate oxidase	1	70.205	52.585	70.998	54.365	81.491	61.788	64.596	10.409
IPI:IPI00018274.1	EGFR	Isoform 1 of Epidermal growth factor receptor	9	546.914	560.730	540.234	836.267	780.475	844.585	549.293	10.453
IPI:IPI00018278.3	H2AFV	Histone H2A.V	5	361.877	325.185	357.370	306.245	362.843	303.653	348.144	20.010
IPI:IPI00018282.3	CD40	Isoform I of Tumor necrosis factor receptor superfamily member 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018288.1	POLR2C	DNA-directed RNA polymerase II subunit RPB3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018294.3	RLF	Zinc finger protein Rlf	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018298.3	IFIT2	Interferon-induced protein with tetratricopeptide repeats 2	1	11.392	12.468	8.563	42.315	48.285	45.114	10.807	2.017
IPI:IPI00018300.2	IFIT1	Interferon-induced protein with tetratricopeptide repeats 1	3	59.863	64.866	59.841	115.036	115.225	111.451	61.523	2.895
IPI:IPI00018305.4	IGFBP3	Insulin-like growth factor-binding protein 3	2	116.529	107.559	121.308	191.742	198.389	191.115	115.132	6.980
IPI:IPI00018314.1	SEC14L2	SEC14-like protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018321.5	SETDB1	Isoform 1 of Histone-lysine N-methyltransferase SETDB1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018342.5	AK1	Adenylate kinase isoenzyme 1	6	348.668	384.138	336.489	429.060	354.846	411.154	356.432	24.755
IPI:IPI00018349.5	MCM4	DNA replication licensing factor MCM4	6	469.176	417.080	465.237	287.506	319.713	301.382	450.498	29.007
IPI:IPI00018350.3	MCM5	DNA replication licensing factor MCM5	6	396.382	407.308	417.085	295.653	306.530	323.847	406.925	10.357
IPI:IPI00018352.1	UCHL1	Ubiquitin carboxyl-terminal hydrolase isozyme L1	26	1,946.250	1,893.840	1,973.080	2,292.250	2,392.100	2,000.470	1,937.723	40.302
IPI:IPI00018364.2	RAP2B	Ras-related protein Rap-2b	2	152.271	176.399	142.788	213.764	177.276	194.926	157.153	17.329
IPI:IPI00018368.2	BICD1	Isoform 1 of Protein bicaudal D homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018398.4	PSMC3	26S protease regulatory subunit 6A	16	1,683.160	1,669.970	1,677.280	1,304.040	1,320.830	1,277.820	1,676.803	6.608
IPI:IPI00018402.1	TBCE	Tubulin-specific chaperone E	3	114.279	119.902	113.800	125.835	118.812	141.687	115.994	3.393
IPI:IPI00018404.4	TCEB3	elongin A	5	246.610	219.978	252.302	235.006	280.482	257.381	239.630	17.255
IPI:IPI00018411.4	ZNF629	Zinc finger protein 629	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018415.1	TM9SF2	Transmembrane 9 superfamily member 2	1	40.264	43.386	37.964	41.643	37.520	38.503	40.538	2.721
IPI:IPI00018434.1	TSG101	Isoform 1 of Tumor susceptibility gene 101 protein	10	474.904	501.786	480.698	544.354	564.985	576.576	485.796	14.148
IPI:IPI00018452.3	CPNE1	Copine-1	4	392.028	348.937	384.206	278.101	294.679	278.522	375.057	22.956
IPI:IPI00018465.1	CCT7	T-complex protein 1 subunit eta	28	1,999.810	2,233.740	1,950.980	2,347.760	2,056.590	2,301.700	2,061.510	151.141

IPI:IPI00017964.1	164.194	11.751	-0.475	0.01228861	9	232.934	244.212	230.682	306.391	297.457	298.460	235.943	7.249	300.769	4.894	0.350	0.00044974
IPI:IPI00018009.2	120.381	5.450	-0.141	0.08148303	8	286.349	260.833	294.742	346.644	379.731	350.592	280.641	17.660	358.989	18.071	0.355	0.00583159
IPI:IPI00018019.1	0.000	0.000	n/a	n/a	2	40.032	40.189	36.842	52.645	43.515	51.484	39.021	1.889	49.215	4.970	0.335	0.05648567
IPI:IPI00018026.3	76.909	7.058	0.338	0.05597344	3	122.104	154.594	128.346	175.230	125.818	161.152	135.015	17.241	154.067	25.457	0.190	0.35130436
IPI:IPI00018027.2	0.000	0.000	n/a	n/a	2	64.015	61.676	60.774	75.979	82.006	79.322	62.155	1.673	79.102	3.020	0.348	0.00293160
IPI:IPI00018069.5	109.108	1.420	-0.408	0.00675429	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018090.2	0.000	0.000	n/a	n/a	4	148.557	127.944	139.356	150.051	168.211	158.068	138.619	10.326	158.777	9.101	0.196	0.06526713
IPI:IPI00018098.4	0.000	0.000	n/a	n/a	2	81.016	95.670	78.749	100.392	75.972	93.838	85.145	9.185	90.067	12.639	0.081	0.61733081
IPI:IPI00018111.1	153.506	6.548	0.077	0.15772994	4	350.570	326.867	363.449	407.687	475.384	424.926	346.962	18.556	435.999	35.181	0.330	0.02982615
IPI:IPI00018117.3	193.086	22.051	-0.073	0.54825169	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018120.1	229.715	11.948	-0.040	0.53005007	11	515.310	528.695	515.974	514.343	509.554	518.519	519.993	7.543	514.139	4.486	-0.016	0.32565835
IPI:IPI00018140.3	2,774.723	100.830	0.010	0.82645218	57	2,948.350	3,080.670	2,890.320	3,276.920	3,030.650	3,173.670	2,973.113	97.561	3,160.413	123.669	0.088	0.11246068
IPI:IPI00018146.1	1,104.000	23.383	-0.001	0.97859787	50	1,625.820	1,744.950	1,587.340	1,718.520	1,507.890	1,689.260	1,652.703	82.172	1,638.557	114.102	-0.012	0.87213636
IPI:IPI00018147.1	29.831	3.793	1.170	0.01681800	1	10.947	13.930	11.751	17.268	16.211	15.419	12.209	1.543	16.299	0.928	0.417	0.02486282
IPI:IPI00018188.3	388.847	12.044	0.137	0.01990820	2	40.300	40.417	45.400	60.972	69.466	58.477	42.039	2.911	62.972	5.761	0.583	0.01160209
IPI:IPI00018192.2	0.000	0.000	n/a	n/a	2	110.962	127.711	110.604	170.161	150.128	171.073	116.426	9.775	163.787	11.838	0.492	0.00652895
IPI:IPI00018195.3	279.837	15.690	0.466	0.00745617	1	12.125	13.711	13.711	16.451	14.020	15.580	13.182	0.916	15.350	1.232	0.220	0.07606922
IPI:IPI00018196.5	0.000	0.000	n/a	n/a	2	71.388	81.550	73.864	108.912	95.751	103.213	75.601	5.299	102.625	6.600	0.441	0.00596645
IPI:IPI00018206.3	1,292.307	31.652	0.188	0.00654014	10	435.969	445.601	455.812	311.042	324.098	320.341	445.794	9.923	318.494	6.721	-0.485	0.00012745
IPI:IPI00018208.2	0.000	0.000	n/a	n/a	1	11.698	11.470	9.177	21.424	14.681	23.342	10.781	1.394	19.815	4.549	0.878	0.06449326
IPI:IPI00018213.5	0.000	0.000	n/a	n/a	3	74.709	71.515	71.678	91.317	83.956	81.982	72.634	1.799	85.752	4.920	0.240	0.03187840
IPI:IPI00018219.1	276.376	29.444	0.267	0.09252211	1	18.006	16.560	13.959	14.055	13.844	16.247	16.175	2.051	14.715	1.331	-0.136	0.36844299
IPI:IPI00018229.3	66.744	9.300	0.413	0.07011144	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018236.2	102.679	7.019	0.010	0.88890080	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018237.3	0.000	0.000	n/a	n/a	2	53.970	41.972	52.022	70.587	92.275	73.650	49.321	6.439	78.837	11.738	0.677	0.02978526
IPI:IPI00018240.8	116.093	6.254	0.076	0.23815369	1	19.588	22.778	18.789	42.239	36.456	39.167	20.385	2.110	39.287	2.894	0.947	0.00119630
IPI:IPI00018246.5	1,224.900	29.950	0.041	0.18628829	18	895.160	904.931	896.748	624.474	618.549	621.795	898.946	5.243	621.606	2.967	-0.532	0.00000263
IPI:IPI00018260.1	46.721	0.467	0.070	0.40253289	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018272.3	65.882	14.019	0.028	0.90531300	4	209.293	206.074	211.648	151.231	168.901	163.691	209.005	2.798	161.274	9.080	-0.374	0.00743199
IPI:IPI00018274.1	820.442	34.862	0.579	0.00307348	27	626.611	628.086	626.163	916.026	912.189	920.431	626.953	1.006	916.215	4.124	0.547	0.00002745
IPI:IPI00018278.3	324.247	33.450	-0.103	0.36058312	6	338.147	327.315	342.967	312.671	338.123	303.030	336.143	8.016	317.941	18.130	-0.080	0.21866794
IPI:IPI00018282.3	0.000	0.000	n/a	n/a	2	60.476	64.562	60.038	92.911	84.994	91.802	61.692	2.495	89.902	4.287	0.543	0.00165325
IPI:IPI00018288.1	0.000	0.000	n/a	n/a	1	31.147	22.572	27.868	31.280	39.732	33.383	27.196	4.327	34.798	4.400	0.356	0.09981287
IPI:IPI00018294.3	0.000	0.000	n/a	n/a	1	36.516	50.980	40.980	41.025	31.109	41.112	42.825	7.406	37.748	5.750	-0.182	0.40461272
IPI:IPI00018298.3	45.238	2.987	2.066	0.00018706	4	150.246	155.746	159.054	198.879	224.111	214.305	155.015	4.449	212.432	12.720	0.455	0.00953483
IPI:IPI00018300.2	113.904	2.126	0.889	0.00003076	4	153.793	147.269	150.119	199.785	206.565	199.356	150.394	3.271	201.902	4.044	0.425	0.00009144
IPI:IPI00018305.4	193.749	4.031	0.751	0.00031579	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018314.1	0.000	0.000	n/a	n/a	1	54.613	62.782	51.086	71.893	48.009	68.229	56.160	5.999	62.711	12.863	0.159	0.48703438
IPI:IPI00018321.5	0.000	0.000	n/a	n/a	1	6.521	5.629	7.525	8.165	8.726	6.762	6.558	0.948	7.884	1.011	0.266	0.17372136
IPI:IPI00018342.5	398.353	38.728	0.160	0.20179562	11	410.626	371.542	407.418	382.678	431.716	374.473	396.529	21.698	396.289	30.954	-0.001	0.99271224
IPI:IPI00018349.5	302.867	16.155	-0.573	0.00390471	14	354.085	370.612	337.126	443.533	409.368	439.625	353.941	16.743	430.842	18.699	0.284	0.00627583
IPI:IPI00018350.3	308.677	14.219	-0.399	0.00099153	12	556.817	627.288	543.715	866.545	686.701	829.701	575.940	44.949	794.316	95.000	0.464	0.03992368
IPI:IPI00018352.1	2,228.273	203.503	0.202	0.12704838	6	315.905	322.335	300.685	41.017	50.806	54.846	312.975	11.118	48.890	7.111	-2.678	0.00001947
IPI:IPI00018364.2	195.322	18.247	0.314	0.05861398	5	259.555	281.224	263.683	239.573	243.361	225.812	268.154	11.506	236.249	9.235	-0.183	0.02176822
IPI:IPI00018368.2	0.000	0.000	n/a	n/a	1	17.603	21.803	22.891	29.436	23.755	27.726	20.766	2.792	26.972	2.914	0.377	0.05632039
IPI:IPI00018398.4	1,300.897	21.677	-0.366	0.00045609	39	1,856.280	1,720.870	1,866.050	2,405.640	2,530.900	2,400.510	1,814.400	81.147	2,445.683	73.844	0.431	0.00059892
IPI:IPI00018402.1	128.778	11.718	0.151	0.19320033	13	430.789	432.318	436.150	571.392	531.768	589.901	433.086	2.762	564.354	29.699	0.382	0.01601352
IPI:IPI00018404.4	257.623	22.739	0.104	0.34097814	3	108.278	100.001	104.631	81.446	89.568	85.680	104.303	4.148	85.564	4.062	-0.286	0.00503110
IPI:IPI00018411.4	0.000	0.000	n/a	n/a	1	98.062	120.075	98.514	144.582	117.118	131.069	105.550	12.581	130.923	13.733	0.311	0.07850918
IPI:IPI00018415.1	39.222	2.154	-0.048	0.54906610	1	18.789	22.810	21.855	29.233	26.179	27.496	21.151	2.101	27.636	1.532	0.386	0.01512950
IPI:IPI00018434.1	561.972	16.321	0.210	0.00388969	6	274.766	240.929	277.005	269.906	315.008	278.068	264.233	20.213	287.661	24.033	0.123	0.26812252
IPI:IPI00018452.3	283.767	9.452	-0.402	0.01117635	8	450.504	502.040	438.551	470.253	386.732	461.860	463.698	33.738	439.615	45.990	-0.077	0.50958527
IPI:IPI00018465.1	2,235.350	156.514	0.117	0.23877998	36	1,720.850	1,753.120	1,693.720	1,871.250	1,814.360	1,816.790	1,722.563	29.737	1,834.133	32.167	0.091	0.01177506

IPI:IPI00018522.4	PRMT1	HMT1 hnRNP methyltransferase-like 2 isoform 1	16	1,732.310	1,691.390	1,685.770	1,664.850	1,694.940	1,679.040	1,703.157	25.403
IPI:IPI00018534.4	HIST1H2BL	Histone H2B type 1-L	24	2,149.710	2,377.150	2,345.120	2,382.030	2,032.460	1,894.630	2,290.660	123.112
IPI:IPI00018583.4	HABP4	Isoform 1 of Intracellular hyaluronan-binding protein 4	1	53.920	61.967	54.392	76.074	68.825	74.859	56.760	4.516
IPI:IPI00018627.3	NAT13	Isoform 1 of N-acetyltransferase 13	7	503.444	480.006	514.023	500.512	564.966	519.083	499.158	17.409
IPI:IPI00018691.1	MRPS18A	28S ribosomal protein S18a, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018698.4	C14orf104	Isoform 1 of Protein kintoun	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018744.1	TRADD	Tumor necrosis factor receptor type 1-associated DEATH domain protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018768.1	TSN	Translin	3	282.319	280.131	279.475	239.473	229.415	254.577	280.642	1.489
IPI:IPI00018769.4	THBS2	Thrombospondin-2	2	46.575	47.282	50.845	98.648	114.324	101.711	48.234	2.289
IPI:IPI00018780.1	CDK5RAP3	Isoform 2 of CDK5 regulatory subunit-associated protein 3	2	148.539	156.759	169.955	149.189	155.141	160.597	158.418	10.804
IPI:IPI00018783.1	ITPA	Inosine triphosphate pyrophosphatase	5	387.986	455.757	371.190	460.011	396.647	465.341	404.978	44.771
IPI:IPI00018804.3	TRIP10	Isoform 2 of Cdc42-interacting protein 4	4	173.120	175.644	197.155	149.480	155.641	145.758	181.973	13.208
IPI:IPI00018808.4	C12orf35	Uncharacterized protein C12orf35	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018813.5	COPS2	Isoform 2 of COP9 signalosome complex subunit 2	11	523.985	535.215	534.064	550.651	555.687	548.041	531.088	6.178
IPI:IPI00018840.6	TRIP4	Activating signal cointegrator 1	7	367.770	362.787	364.385	364.803	395.236	377.716	364.981	2.544
IPI:IPI00018842.2	HMGN3	Isoform 1 of High mobility group nucleosome-binding domain-containing protein 3	1	2.960	3.002	2.633	3.055	3.055	3.137	2.865	0.202
IPI:IPI00018855.1	ATP6V0C	V-type proton ATPase 16 kDa proteolipid subunit	6	263.579	278.462	280.283	337.481	340.134	334.865	274.108	9.164
IPI:IPI00018861.1	ULBP1	NKG2D ligand 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00018871.2	ARL8B	cDNA FLJ56285, highly similar to ADP-ribosylation factor-like protein 8B	8	401.262	397.584	390.048	416.748	435.342	438.672	396.298	5.717
IPI:IPI00018873.1	NAMPT	Isoform 1 of Nicotinamide phosphoribosyltransferase	13	1,239.900	1,225.130	1,224.150	1,491.440	1,567.510	1,558.620	1,229.727	8.824
IPI:IPI00018880.3	TNFRSF1A	Isoform 1 of Tumor necrosis factor receptor superfamily member 1A	1	2.372	2.769	3.815	11.530	9.576	6.559	2.985	0.746
IPI:IPI00018888.3	GLI2	Isoform Alpha of Zinc finger protein GLI2	2	76.790	84.675	83.792	87.599	72.156	89.592	81.753	4.320
IPI:IPI00018914.2	PTPN14	Tyrosine-protein phosphatase non-receptor type 14	3	157.337	151.446	152.598	134.745	134.565	133.363	153.794	3.122
IPI:IPI00018924.3	HMG20A	Isoform 1 of High mobility group protein 20A	2	67.071	67.976	72.952	62.394	70.489	63.148	69.333	3.166
IPI:IPI00018931.6	VPS35	Vacuolar protein sorting-associated protein 35	21	1,435.940	1,472.780	1,420.040	1,736.520	1,803.270	1,770.280	1,442.920	27.054
IPI:IPI00018946.4	PANK4	cDNA FLJ56439, highly similar to Pantothenate kinase 4	1	105.821	100.005	102.327	102.838	116.876	115.036	102.718	2.928
IPI:IPI00018963.3	PARVA	Isoform 1 of Alpha-parvin	16	1,057.910	988.252	1,016.880	1,048.370	1,106.410	1,071.980	1,021.014	35.013
IPI:IPI00018968.2	NAE1	NEDD8-activating enzyme E1 regulatory subunit	6	193.199	213.692	192.868	188.342	161.013	187.554	199.920	11.928
IPI:IPI00018971.8	TRIM21	52 kDa Ro protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019004.1	SEC62	Translocation protein SEC62	2	248.498	286.990	229.232	250.090	207.094	254.914	254.907	29.407
IPI:IPI00019025.2	PARD6B	Partitioning defective 6 homolog beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019046.4	RBM22	Isoform 1 of Pre-mRNA-splicing factor RBM22	3	202.476	230.056	207.942	165.178	131.742	155.615	213.491	14.603
IPI:IPI00019146.6	CXADR	Isoform 1 of Coxsackievirus and adenovirus receptor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019148.1	IGBP1	Immunoglobulin-binding protein 1	4	370.310	330.154	364.644	349.032	391.457	341.487	355.036	21.734
IPI:IPI00019155.1	FOXC2	Forkhead box protein C2	2	147.777	147.731	157.651	92.787	95.011	96.377	151.053	5.714
IPI:IPI00019157.2	CSPG4	Chondroitin sulfate proteoglycan 4	4	112.756	97.075	105.293	89.637	104.636	96.670	105.041	7.844
IPI:IPI00019169.3	SH3GL1	cDNA, FLJ96508, Homo sapiens SH3-domain GRB2-like 1 (SH3GL1), mRNA	11	767.468	880.213	736.363	862.934	694.861	825.769	794.681	75.688
IPI:IPI00019178.2	PSPH	Phosphoserine phosphatase	1	39.101	36.479	41.836	44.718	58.520	49.850	39.139	2.679
IPI:IPI00019195.2	RPP38	Ribonuclease P protein subunit p38	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019196.3	RPP30	Ribonuclease P protein subunit p30	1	59.937	66.475	59.671	63.060	57.356	67.484	62.027	3.854
IPI:IPI00019205.1	C14orf4	Enhanced at puberty protein 1	1	25.867	24.177	27.853	21.829	27.620	24.798	25.966	1.840
IPI:IPI00019209.2	SEMA3C	cDNA FLJ55486, highly similar to Semaphorin-3C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019211.2	C12orf65	Isoform 1 of Uncharacterized protein C12orf65	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019223.3	AKAP9	Isoform 1 of A-kinase anchor protein 9	16	591.575	605.622	624.855	524.842	547.956	552.984	607.351	16.707
IPI:IPI00019269.3	WDR61	WD repeat-containing protein 61	5	90.038	91.758	91.678	94.037	94.405	90.011	91.158	0.971
IPI:IPI00019275.3	CD276	Isoform 2 of CD276 antigen	2	253.517	228.834	222.095	398.692	354.911	362.560	234.815	16.543
IPI:IPI00019276.1	UBXN6	Isoform 1 of UBX domain-containing protein 6	3	84.877	111.412	87.635	115.728	93.757	115.834	94.641	14.589
IPI:IPI00019326.1	FDX1	Adrenodoxin, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019329.1	DYNLL1	Dynein light chain 1, cytoplasmic	13	953.633	958.467	1,017.070	941.173	941.014	925.236	976.390	35.313
IPI:IPI00019345.1	RAP1A	Ras-related protein Rap-1A	2	254.014	224.689	246.807	271.801	293.231	284.689	241.837	15.281
IPI:IPI00019350.6	STEAP3	Isoform 1 of Metalloreductase STEAP3	3	285.078	265.333	279.877	419.844	448.035	432.461	276.763	10.234
IPI:IPI00019353.4	AGK	Isoform 1 of Acylglycerol kinase, mitochondrial	3	240.037	253.905	230.735	299.438	250.907	296.737	241.559	11.660

IPI:IPI00018522.4	1,679.610	15.053	-0.020	0.25569027	17	948.963	1,035.370	964.020	852.862	686.649	803.288	982.784	46.159	780.933	85.332	-0.332	0.03516450
IPI:IPI00018534.4	2,103.040	251.249	-0.123	0.33224497	20	1,439.450	1,435.860	1,435.530	836.478	912.796	853.382	1,436.947	2.174	867.552	40.084	-0.728	0.00160507
IPI:IPI00018583.4	73.253	3.882	0.368	0.00916113	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018627.3	528.187	33.177	0.082	0.27158453	12	539.181	547.649	563.572	482.016	473.486	480.654	550.134	12.384	478.719	4.583	-0.201	0.00493560
IPI:IPI00018691.1	0.000	0.000	n/a	n/a	6	147.855	139.035	155.283	221.973	236.400	213.897	147.391	8.134	224.090	11.400	0.604	0.00110697
IPI:IPI00018698.4	0.000	0.000	n/a	n/a	1	18.704	18.995	21.188	24.380	29.582	24.376	19.629	1.358	26.113	3.004	0.412	0.04732756
IPI:IPI00018744.1	0.000	0.000	n/a	n/a	2	114.256	112.913	120.388	76.950	91.619	81.126	115.852	3.985	83.232	7.558	-0.477	0.00682712
IPI:IPI00018768.1	241.155	12.665	-0.219	0.03115049	3	333.566	309.354	343.408	347.682	432.096	364.773	328.776	17.525	381.517	44.628	0.215	0.16778663
IPI:IPI00018769.4	104.894	8.309	1.121	0.00450311	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018780.1	154.976	5.706	-0.032	0.65913331	5	276.738	252.993	276.053	216.160	278.492	232.238	268.595	13.516	242.297	32.361	-0.149	0.29522008
IPI:IPI00018783.1	440.666	38.215	0.122	0.35428647	4	375.546	381.118	378.513	411.001	365.799	391.078	378.392	2.788	389.293	22.654	0.041	0.49413809
IPI:IPI00018804.3	150.293	4.991	-0.276	0.04002226	9	314.346	287.190	325.738	395.022	406.641	377.957	309.091	19.804	393.207	14.428	0.347	0.00533188
IPI:IPI00018808.4	0.000	0.000	n/a	n/a	1	44.264	45.336	43.632	36.495	44.459	36.120	44.411	0.861	39.025	4.710	-0.187	0.18275899
IPI:IPI00018813.5	551.460	3.887	0.054	0.01287893	11	414.341	427.757	427.384	328.981	308.008	327.127	423.161	7.640	321.372	11.611	-0.397	0.00050777
IPI:IPI00018840.6	379.252	15.275	0.055	0.24505876	5	199.675	175.329	204.159	212.714	243.558	216.760	193.054	15.513	224.344	16.762	0.217	0.07720456
IPI:IPI00018842.2	3.082	0.048	0.105	0.19809886	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018855.1	337.493	2.635	0.300	0.00420119	1	29.665	25.624	27.111	11.991	12.553	10.893	27.466	2.044	11.812	0.844	-1.217	0.00203666
IPI:IPI00018861.1	0.000	0.000	n/a	n/a	1	34.287	41.275	35.701	57.980	50.844	54.539	37.088	3.695	54.454	3.569	0.554	0.00427387
IPI:IPI00018871.2	430.254	11.814	0.119	0.02246799	11	714.242	689.871	700.700	519.848	525.549	518.268	701.604	12.211	521.222	3.830	-0.429	0.00063531
IPI:IPI00018873.1	1,539.190	41.591	0.324	0.00447845	19	768.550	736.427	760.636	815.115	898.609	835.429	755.204	16.736	849.718	43.542	0.170	0.04975655
IPI:IPI00018880.3	9.222	2.505	1.627	0.04054595	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018888.3	83.116	9.544	0.024	0.83738787	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018914.2	134.224	0.751	-0.196	0.00602437	3	59.796	71.459	62.802	85.486	81.311	75.740	64.686	6.055	80.845	4.889	0.322	0.02460754
IPI:IPI00018924.3	65.344	4.472	-0.085	0.28280936	7	245.649	242.506	253.904	244.638	240.152	236.068	247.353	5.887	240.286	4.287	-0.042	0.17487935
IPI:IPI00018931.6	1,770.023	33.376	0.295	0.00024901	15	986.517	992.287	1,018.580	720.024	701.164	738.923	999.128	17.091	720.037	18.880	-0.473	0.00004936
IPI:IPI00018946.4	111.583	7.629	0.119	0.17186359	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00018963.3	1,075.587	29.188	0.075	0.10930712	8	412.418	412.197	392.677	220.406	219.404	223.597	405.764	11.334	221.136	2.190	-0.876	0.00087669
IPI:IPI00018968.2	178.970	15.556	-0.160	0.14262052	7	232.510	242.485	226.286	152.423	157.182	164.045	233.760	8.172	157.883	5.843	-0.566	0.00035292
IPI:IPI00018971.8	0.000	0.000	n/a	n/a	6	134.558	128.232	119.260	171.393	168.184	182.780	127.350	7.687	174.119	7.670	0.451	0.00173296
IPI:IPI00019004.1	237.366	26.327	-0.103	0.48553669	9	693.094	559.671	672.721	592.086	670.348	593.384	641.829	71.876	618.606	44.815	-0.053	0.66479231
IPI:IPI00019025.2	0.000	0.000	n/a	n/a	2	56.497	48.546	52.078	56.738	70.455	59.829	52.374	3.984	62.341	7.195	0.251	0.12318397
IPI:IPI00019046.4	150.845	17.221	-0.501	0.00921821	8	132.219	140.621	128.086	223.686	195.706	217.972	133.642	6.388	212.455	14.783	0.669	0.00494344
IPI:IPI00019146.6	0.000	0.000	n/a	n/a	10	431.005	392.397	438.493	428.178	464.008	445.385	420.632	24.737	445.857	17.920	0.084	0.23345216
IPI:IPI00019148.1	360.659	26.938	0.023	0.79305266	6	278.197	288.142	287.241	333.236	325.323	332.760	284.527	5.500	330.440	4.438	0.216	0.00045059
IPI:IPI00019155.1	94.725	1.812	-0.673	0.00163999	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00019157.2	96.981	7.504	-0.115	0.26886052	2	47.634	49.987	46.004	48.201	44.247	44.192	47.875	2.003	45.547	2.299	-0.072	0.25806990
IPI:IPI00019169.3	794.521	88.286	0.000	0.99864484	11	591.553	542.960	563.400	843.169	829.618	822.943	565.971	24.398	831.910	10.306	0.556	0.00076581
IPI:IPI00019178.2	51.029	6.976	0.383	0.08344857	2	12.191	17.955	15.576	18.501	16.646	18.746	15.240	2.896	17.964	1.149	0.237	0.24143443
IPI:IPI00019195.2	0.000	0.000	n/a	n/a	1	28.892	30.547	29.310	28.185	28.074	25.704	29.583	0.861	27.321	1.402	-0.115	0.08908261
IPI:IPI00019196.3	62.633	5.077	0.014	0.87795159	2	78.276	76.402	80.914	95.217	89.755	94.160	78.531	2.267	93.044	2.897	0.245	0.00294128
IPI:IPI00019205.1	24.749	2.896	-0.069	0.57794284	5	137.249	126.248	139.458	147.140	156.877	147.342	134.318	7.076	150.453	5.564	0.164	0.03885150
IPI:IPI00019209.2	0.000	0.000	n/a	n/a	2	38.916	41.570	42.825	47.153	57.584	46.573	41.104	1.996	50.437	6.196	0.295	0.11000893
IPI:IPI00019211.2	0.000	0.000	n/a	n/a	3	143.637	122.353	144.804	65.888	85.074	77.227	136.931	12.639	76.063	9.646	-0.848	0.00339580
IPI:IPI00019223.3	541.927	15.008	-0.164	0.00750470	4	182.120	195.761	180.269	229.297	188.711	229.433	186.050	8.461	215.814	23.472	0.214	0.14860195
IPI:IPI00019269.3	92.817	2.438	0.026	0.36386948	9	160.395	164.443	164.075	158.631	161.594	159.878	162.971	2.238	160.034	1.488	-0.026	0.14216085
IPI:IPI00019275.3	372.054	23.384	0.664	0.00179459	2	149.884	123.735	136.424	159.513	181.272	157.554	136.681	13.076	166.113	13.165	0.281	0.05152747
IPI:IPI00019276.1	108.440	12.716	0.196	0.28575413	1	36.122	39.728	39.223	39.512	39.644	36.714	38.358	1.953	38.623	1.655	0.010	0.86657097
IPI:IPI00019326.1	0.000	0.000	n/a	n/a	3	75.033	87.291	80.560	100.762	97.316	85.579	80.961	6.139	94.552	7.960	0.224	0.08357939
IPI:IPI00019329.1	935.808	9.156	-0.061	0.17905971	46	1,547.210	1,611.590	1,491.500	1,629.160	1,517.150	1,661.520	1,550.100	60.097	1,602.610	75.759	0.048	0.40332244
IPI:IPI00019345.1	283.240	10.788	0.228	0.02259118	4	73.073	68.387	77.707	75.463	91.920	78.312	73.056	4.660	81.898	8.795	0.165	0.22127866
IPI:IPI00019350.6	433.447	14.121	0.647	0.00018302	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00019353.4	282.361	27.273	0.225	0.10708378	5	175.852	161.692	195.956	91.722	107.090	90.387	177.833	17.218	96.400	9.282	-0.883	0.00508266

IPI:IPI00019359.4	KRT9	Keratin, type I cytoskeletal 9	37	1,606.200	1,682.440	1,592.150	1,275.690	1,232.010	1,264.770	1,626.930	48.584
IPI:IPI00019372.1	SRGN	Serglycin	3	154.451	140.221	151.729	358.759	360.652	368.904	148.800	7.554
IPI:IPI00019373.2	TMEM184C	Isoform 1 of Transmembrane protein 184C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019376.7	41528	cDNA FLJ53374, highly similar to Septin-11	37	2,109.840	2,194.580	2,063.610	2,089.950	1,934.260	2,063.780	2,122.677	66.422
IPI:IPI00019380.1	NCBP1	Nuclear cap-binding protein subunit 1	4	241.468	234.555	242.503	201.457	207.168	193.091	239.509	4.321
IPI:IPI00019381.4	TMEM30A	Isoform 1 of Cell cycle control protein 50A	4	163.859	161.140	141.836	155.254	149.518	150.706	155.612	12.007
IPI:IPI00019383.2	GALK1	cDNA FLJ56840, highly similar to Galactokinase	1	38.131	34.649	38.105	27.101	32.631	31.305	36.962	2.003
IPI:IPI00019385.3	SSR4	Translocon-associated protein subunit delta precursor	1	80.181	89.020	76.754	106.706	92.782	104.208	81.985	6.329
IPI:IPI00019400.1	TPMT	Thiopurine S-methyltransferase	7	542.164	511.857	533.783	538.063	552.755	552.630	529.268	15.650
IPI:IPI00019407.1	NSDHL	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating	9	354.784	353.075	329.299	571.762	486.484	518.119	345.719	14.246
IPI:IPI00019427.4	EXOC1	Isoform 1 of Exocyst complex component 1	7	362.736	347.221	360.114	425.440	434.129	427.128	356.690	8.305
IPI:IPI00019448.3	TSGA14	Isoform 1 of Centrosomal protein of 41 kDa	1	96.632	80.586	86.168	77.741	93.719	81.005	87.795	8.145
IPI:IPI00019450.2	TROVE2	Isoform Long of 60 kDa SS-A/Ro ribonucleoprotein	9	686.260	698.917	692.390	806.613	798.954	822.035	692.522	6.330
IPI:IPI00019459.1	MAP3K7IP1	Mitogen-activated protein kinase kinase kinase 7-interacting protein 1	2	67.984	75.396	64.743	66.915	57.828	69.393	69.374	5.461
IPI:IPI00019463.3	EIF2AK2	Interferon-induced, double-stranded RNA-activated protein kinase	8	604.284	532.094	599.976	592.187	643.875	586.966	578.785	40.493
IPI:IPI00019472.4	SLC1A5	Neutral amino acid transporter B(0)	8	249.570	227.457	243.164	366.312	362.606	358.565	240.064	11.378
IPI:IPI00019490.2	TFE3	Transcription factor E3	2	101.439	86.401	94.690	96.176	102.692	104.152	94.177	7.532
IPI:IPI00019495.1	DYNLT1	Dynein light chain Tctex-type 1	1	23.944	34.830	23.777	30.696	23.487	26.539	27.517	6.334
IPI:IPI00019502.3	MYH9	Isoform 1 of Myosin-9	786	45,739.200	46,219.800	47,045.400	39,285.500	38,684.600	38,802.100	46,334.800	660.650
IPI:IPI00019540.1	SAPS3	Isoform 4 of Serine/threonine-protein phosphatase 6 regulatory subunit 3	7	267.419	266.148	273.672	219.485	235.323	226.727	269.080	4.028
IPI:IPI00019548.1	SMAD2	Isoform Long of Mothers against decapentaplegic homolog 2	2	49.015	49.998	52.859	56.904	51.585	48.807	50.624	1.997
IPI:IPI00019550.1	TSSC1	Protein TSSC1 (Fragment)	2	51.792	53.207	49.628	53.415	57.820	57.703	51.543	1.802
IPI:IPI00019560.3	C6orf64	Isoform 1 of Uncharacterized protein C6orf64	1	5.073	6.949	8.050	7.003	7.806	7.440	6.691	1.505
IPI:IPI00019580.1	PLG	Plasminogen	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019590.3	PLAT	Isoform 1 of Tissue-type plasminogen activator	7	125.755	138.694	123.286	553.980	492.415	530.088	129.245	8.276
IPI:IPI00019599.1	UBE2V1;TME	Isoform 1 of Ubiquitin-conjugating enzyme E2 variant 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019600.3	UBE2V2	Ubiquitin-conjugating enzyme E2 variant 2	3	105.793	113.590	105.284	127.335	121.310	127.718	108.222	4.655
IPI:IPI00019640.1	VRK1	Serine/threonine-protein kinase VRK1	2	173.717	145.445	171.382	116.688	138.681	123.014	163.515	15.692
IPI:IPI00019642.1	CLIP2	Isoform 1 of CAP-Gly domain-containing linker protein 2	8	411.145	420.758	433.660	458.087	467.469	466.758	421.854	11.297
IPI:IPI00019733.1	RAE1	mRNA export factor	6	333.760	302.181	333.374	323.507	363.429	326.851	323.105	18.122
IPI:IPI00019755.3	GSTO1	Glutathione S-transferase omega-1	17	1,307.500	1,325.920	1,331.230	1,636.300	1,632.730	1,678.730	1,321.550	12.454
IPI:IPI00019812.1	PPP5C	Serine/threonine-protein phosphatase 5	7	437.075	419.355	431.641	394.848	463.537	411.095	429.357	9.078
IPI:IPI00019835.1	BCL2L12	Isoform 1 of Bcl-2-like protein 12	1	24.533	26.393	27.504	28.213	25.214	34.190	26.143	1.501
IPI:IPI00019848.2	HCFC1	Isoform 1 of Host cell factor	10	680.934	697.057	673.081	662.037	625.188	639.809	683.691	12.223
IPI:IPI00019869.3	S100A2	Protein S100-A2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019870.1	CAV2	Isoform Alpha of Caveolin-2	4	308.333	301.907	322.498	342.085	349.502	307.352	310.913	10.535
IPI:IPI00019884.1	ACTN2	Alpha-actinin-2	2	151.227	141.978	144.408	94.189	102.225	91.581	145.871	4.795
IPI:IPI00019888.1	ALDH5A1	Succinate-semialdehyde dehydrogenase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019899.1	SC4MOL	C-4 methylsterol oxidase	2	29.247	33.515	28.057	100.411	97.170	100.287	30.273	2.870
IPI:IPI00019901.1	ADD1	Isoform 1 of Alpha-adducin	6	383.389	396.257	389.412	352.423	338.602	353.798	389.686	6.438
IPI:IPI00019903.1	CCDC44	Coiled-coil domain-containing protein 44	1	15.692	15.390	14.643	15.050	16.361	16.478	15.242	0.540
IPI:IPI00019906.1	BSG	Isoform 2 of Basigin	16	1,402.800	1,358.860	1,456.210	1,347.190	1,374.840	1,284.420	1,405.957	48.752
IPI:IPI00019912.3	HSD17B4	Peroxisomal multifunctional enzyme type 2	16	989.275	946.390	984.675	1,002.440	1,081.010	1,020.890	973.447	23.544
IPI:IPI00019918.5	DDX19A	ATP-dependent RNA helicase DDX19A	3	101.898	99.693	97.677	124.029	114.580	117.389	99.756	2.111
IPI:IPI00019924.1	TBCC	Tubulin-specific chaperone C	2	61.774	67.794	66.379	72.185	65.344	78.046	65.315	3.148
IPI:IPI00019927.2	PSMD7	26S proteasome non-ATPase regulatory subunit 7	6	299.312	294.850	328.065	278.458	316.044	289.507	307.409	18.027
IPI:IPI00019962.3	C4orf43	UPF0534 protein C4orf43	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019966.5	C5orf22	Isoform 1 of UPF0489 protein C5orf22	1	6.860	5.818	7.575	4.389	6.264	6.421	6.751	0.883
IPI:IPI00019971.4	STXBP2	cDNA FLJ54775, highly similar to Syntaxin-binding protein 2	1	34.549	33.313	34.274	36.919	39.689	46.344	34.045	0.649
IPI:IPI00019977.2	GTF2E1	General transcription factor IIE subunit 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00019981.1	GTF2E2	Transcription initiation factor IIE subunit beta	3	181.057	189.864	185.550	205.062	204.330	204.096	185.490	4.404
IPI:IPI00019994.4	CXorf15	Gamma-taxilin	1	7.755	7.292	7.836	3.607	8.037	5.590	7.628	0.293
IPI:IPI00019996.3	SLTM	modulator of estrogen induced transcription isoform b	6	531.752	501.554	557.510	343.340	361.513	340.070	530.272	28.007

IPI:IPI00019359.4	1,257.490	22.732	-0.372	0.00166624	3	272.325	240.850	282.059	72.456	98.866	86.240	265.078	21.539	85.854	13.210	-1.626	0.00070390
IPI:IPI00019372.1	362.772	5.394	1.286	0.00000650	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00019373.2	0.000	0.000	n/a	n/a	2	27.714	23.082	26.609	23.842	28.626	26.046	25.802	2.419	26.171	2.395	0.021	0.85997763
IPI:IPI00019376.7	2,029.330	83.366	-0.065	0.20741019	39	1,907.210	1,929.070	1,928.140	1,800.920	1,788.140	1,762.730	1,921.473	12.361	1,783.930	19.440	-0.107	0.00111506
IPI:IPI00019380.1	200.572	7.080	-0.256	0.00269900	11	452.351	447.050	455.377	404.047	412.245	412.386	451.593	4.215	409.559	4.774	-0.141	0.00036463
IPI:IPI00019381.4	151.826	3.028	-0.036	0.64428223	10	350.671	357.569	340.151	448.887	448.202	432.156	349.464	8.772	443.082	9.468	0.342	0.00023999
IPI:IPI00019383.2	30.346	2.887	-0.285	0.03674641	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00019385.3	101.232	7.424	0.304	0.02793342	3	204.840	184.774	197.224	109.068	129.869	115.254	195.613	10.130	118.064	10.681	-0.728	0.00081517
IPI:IPI00019400.1	547.816	8.447	0.050	0.16641269	1	62.717	53.183	60.862	39.423	50.943	38.677	58.921	5.055	43.014	6.877	-0.454	0.03620899
IPI:IPI00019407.1	525.455	43.110	0.604	0.01204714	7	399.551	401.259	401.119	523.276	543.141	527.135	400.643	0.948	531.184	10.533	0.407	0.00201726
IPI:IPI00019427.4	428.899	4.607	0.266	0.00078013	1	5.950	7.118	7.659	4.555	5.235	2.985	6.909	0.873	4.258	1.154	-0.698	0.03737026
IPI:IPI00019448.3	84.155	8.442	-0.061	0.61958647	1	18.494	16.165	20.862	25.386	29.107	24.344	18.507	2.349	26.279	2.504	0.506	0.01740728
IPI:IPI00019450.2	809.201	11.756	0.225	0.00055767	7	620.155	519.947	611.431	406.799	494.751	434.538	583.844	55.508	445.363	44.964	-0.391	0.03027281
IPI:IPI00019459.1	64.712	6.089	-0.100	0.38008131	2	37.443	39.882	35.141	58.102	56.490	54.484	37.489	2.371	56.359	1.813	0.588	0.00056017
IPI:IPI00019463.3	607.676	31.458	0.070	0.38763854	8	378.648	400.561	394.676	424.605	399.239	414.420	391.295	11.341	412.755	12.765	0.077	0.09608354
IPI:IPI00019472.4	362.494	3.875	0.595	0.00119810	5	443.170	492.186	436.713	529.434	473.064	515.820	457.356	30.336	506.106	29.414	0.146	0.11643058
IPI:IPI00019490.2	101.007	4.247	0.101	0.26071877	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00019495.1	26.907	3.619	-0.032	0.89358178	1	69.097	55.618	73.092	59.592	65.361	58.592	65.936	9.156	61.182	3.654	-0.108	0.47299343
IPI:IPI00019502.3	38,924.067	318.476	-0.251	0.00051400	636	28,098.400	27,622.400	27,798.600	21,820.700	22,438.400	22,122.600	27,839.800	240.660	22,127.233	308.876	-0.331	0.00002390
IPI:IPI00019540.1	227.178	7.929	-0.244	0.00402612	11	355.217	343.680	322.097	383.533	399.165	400.233	340.331	16.812	394.310	9.349	0.212	0.01509358
IPI:IPI00019548.1	52.432	4.115	0.051	0.54461562	3	147.607	143.881	160.315	171.024	191.289	178.914	150.601	8.616	180.409	10.215	0.261	0.01914064
IPI:IPI00019550.1	56.313	2.510	0.128	0.06181073	1	34.402	32.701	35.722	32.499	39.057	32.713	34.275	1.514	34.756	3.726	0.020	0.85402968
IPI:IPI00019560.3	7.416	0.402	0.149	0.49609905	1	12.989	17.730	16.941	15.530	14.301	15.001	15.886	2.540	14.944	0.617	-0.088	0.59209668
IPI:IPI00019580.1	0.000	0.000	n/a	n/a	1	13.940	12.470	14.845	15.992	20.993	20.929	13.752	1.198	19.305	2.869	0.489	0.06248853
IPI:IPI00019590.3	525.494	31.039	2.024	0.00113672	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00019599.1	0.000	0.000	n/a	n/a	14	398.950	424.673	398.670	489.553	467.269	490.952	407.431	14.933	482.591	13.288	0.244	0.00301397
IPI:IPI00019600.3	125.454	3.594	0.213	0.00838114	8	259.555	275.501	250.222	334.575	327.410	320.337	261.759	12.783	327.441	7.119	0.323	0.00379917
IPI:IPI00019640.1	126.128	11.322	-0.375	0.03311141	3	109.811	111.331	109.005	90.250	92.327	91.560	110.049	1.181	91.379	1.050	-0.268	0.00003772
IPI:IPI00019642.1	464.105	5.224	0.138	0.01173643	6	188.546	177.650	199.279	260.918	255.995	254.508	188.492	10.815	257.140	3.355	0.448	0.00476774
IPI:IPI00019733.1	337.929	22.147	0.065	0.42233855	11	484.654	476.961	482.482	552.061	561.886	542.046	481.366	3.966	551.998	9.920	0.198	0.00260358
IPI:IPI00019755.3	1,649.253	25.590	0.320	0.00034341	14	983.841	1,104.960	999.963	746.784	588.977	723.400	1,029.588	65.770	686.387	85.166	-0.585	0.00628181
IPI:IPI00019812.1	423.160	35.899	-0.021	0.79661638	7	336.591	348.264	352.237	431.786	461.411	437.923	345.697	8.133	443.707	15.636	0.360	0.00235605
IPI:IPI00019835.1	29.206	4.570	0.160	0.36747781	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00019848.2	642.345	18.555	-0.090	0.03962157	30	1,029.660	1,119.140	1,038.330	1,311.140	1,193.030	1,313.050	1,062.377	49.349	1,272.407	68.749	0.260	0.01561457
IPI:IPI00019869.3	0.000	0.000	n/a	n/a	1	27.667	26.308	25.478	57.610	56.507	52.393	26.484	1.105	55.503	2.749	1.067	0.00092635
IPI:IPI00019870.1	332.980	22.502	0.099	0.22674601	2	164.509	145.470	153.692	78.881	87.993	89.681	154.557	9.549	85.518	5.810	-0.854	0.00112644
IPI:IPI00019884.1	95.998	5.548	-0.604	0.00033750	6	210.581	209.119	193.379	277.715	253.235	266.130	204.360	9.538	265.693	12.246	0.379	0.00294526
IPI:IPI00019888.1	0.000	0.000	n/a	n/a	2	96.636	112.863	93.759	127.582	102.085	126.152	101.086	10.300	118.606	14.326	0.231	0.16784536
IPI:IPI00019899.1	99.289	1.837	1.714	0.00001798	2	95.706	105.409	101.026	19.529	16.665	24.604	100.714	4.859	20.266	4.020	-2.313	0.00003292
IPI:IPI00019901.1	348.274	8.405	-0.162	0.00314065	10	631.987	638.811	665.943	317.391	328.308	335.806	645.580	17.962	327.168	9.260	-0.981	0.00010988
IPI:IPI00019903.1	15.963	0.793	0.067	0.27163701	4	242.887	237.837	235.012	272.560	263.023	259.653	238.579	3.990	265.079	6.695	0.152	0.00769790
IPI:IPI00019906.1	1,335.483	46.333	-0.074	0.14416222	37	1,404.670	1,475.870	1,368.630	1,869.690	1,746.610	1,835.880	1,416.390	54.572	1,817.393	63.588	0.360	0.00128070
IPI:IPI00019912.3	1,034.780	41.085	0.088	0.10545573	19	1,078.540	1,008.250	1,060.120	1,026.680	1,073.560	1,032.520	1,048.970	36.447	1,044.253	25.548	-0.007	0.86598267
IPI:IPI00019918.5	118.666	4.852	0.250	0.01114022	1	43.465	37.287	47.294	55.912	69.673	62.005	42.682	5.049	62.530	6.896	0.551	0.01884306
IPI:IPI00019924.1	71.858	6.357	0.138	0.21073600	2	36.251	27.269	33.742	30.873	39.348	31.576	32.421	4.635	33.932	4.703	0.066	0.71199791
IPI:IPI00019927.2	294.670	19.318	-0.061	0.45091758	15	536.067	530.529	545.579	490.447	484.063	503.789	537.392	7.612	492.766	10.065	-0.125	0.00453581
IPI:IPI00019962.3	0.000	0.000	n/a	n/a	3	300.676	272.110	296.106	259.386	316.519	260.771	289.631	15.344	278.892	32.593	-0.055	0.64315386
IPI:IPI00019966.5	5.691	1.131	-0.246	0.27390750	2	57.229	48.027	48.450	72.194	76.437	85.108	51.235	5.195	77.913	6.582	0.605	0.00616745
IPI:IPI00019971.4	40.984	4.844	0.268	0.12955609	2	121.753	108.623	124.065	105.790	121.308	110.950	118.147	8.329	112.683	7.903	-0.068	0.45809233
IPI:IPI00019977.2	0.000	0.000	n/a	n/a	2	62.780	56.903	66.901	81.120	87.584	80.431	62.195	5.024	83.045	3.946	0.417	0.00568944
IPI:IPI00019981.1	204.496	0.504	0.141	0.01644864	3	113.765	128.417	108.724	196.261	171.307	179.065	116.969	10.230	182.211	12.771	0.639	0.00273949
IPI:IPI00019994.4	5.745	2.219	-0.409	0.27842938	2	140.363	157.576	143.212	194.447	170.181	179.945	147.050	9.226	181.524	12.210	0.304	0.02007450
IPI:IPI00019996.3	348.308	11.552	-0.606	0.00315443	16	697.561	668.956	676.697	711.278	724.708	708.513	681.071	14.796	714.833	8.663	0.070	0.03785559

IPI:IPI00019997.1	LIN7C	Lin-7 homolog C	2	362.767	391.679	376.479	452.901	454.797	442.245	376.975	14.462
IPI:IPI00020004.3	TMEM97	Transmembrane protein 97	1	25.551	31.990	26.901	43.239	33.972	36.366	28.147	3.396
IPI:IPI00020008.1	NEDD8	NEDD8	2	254.984	219.823	235.028	190.223	196.859	189.932	236.612	17.634
IPI:IPI00020017.1	C10orf116	Adipose most abundant gene transcript 2 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020021.3	DEK	Protein DEK	13	1,022.270	1,004.740	1,037.940	838.354	851.101	868.945	1,021.650	16.609
IPI:IPI00020037.1	USF2	Isoform USF2A of Upstream stimulatory factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020042.2	PSMC4	Isoform 1 of 26S protease regulatory subunit 6B	19	1,566.380	1,524.340	1,536.740	1,476.480	1,517.100	1,473.640	1,542.487	21.601
IPI:IPI00020050.5	DDX28	Probable ATP-dependent RNA helicase DDX28	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020060.2	SLC9A1	Isoform 1 of Sodium/hydrogen exchanger 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020075.4	ABHD10	Abhydrolase domain-containing protein 10, mitochondrial	6	607.783	606.498	595.071	733.056	708.373	740.395	603.117	6.998
IPI:IPI00020096.2	KLC1	Isoform A of Kinesin light chain 1	38	3,233.280	3,144.350	3,215.740	3,048.550	3,177.180	3,173.220	3,197.790	47.104
IPI:IPI00020124.1	PI4K2A	Phosphatidylinositol 4-kinase type 2-alpha	2	38.254	36.689	38.789	77.837	79.041	82.054	37.911	1.091
IPI:IPI00020127.1	RPA1	Replication protein A 70 kDa DNA-binding subunit	11	897.815	784.112	862.244	714.167	785.510	747.815	848.057	58.164
IPI:IPI00020128.2	UTP6	U3 small nucleolar RNA-associated protein 6 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020178.1	STAM	Isoform 1 of Signal transducing adapter molecule 1	12	597.544	585.954	596.635	676.745	707.364	719.326	593.378	6.445
IPI:IPI00020194.1	TAF15	Isoform Short of TATA-binding protein-associated factor 2N	2	339.092	302.092	322.141	268.034	285.460	194.058	321.108	18.522
IPI:IPI00020196.5	ARMC6	Armadillo repeat-containing protein 6	1	49.355	38.559	53.778	42.486	55.187	48.303	47.231	7.829
IPI:IPI00020210.2	DYSF	Isoform 14 of Dysferlin	19	903.337	893.313	897.189	1,506.900	1,524.840	1,528.480	897.946	5.055
IPI:IPI00020226.2	ACOX3	Isoform 1 of Peroxisomal acyl-coenzyme A oxidase 3	4	191.883	194.885	192.715	197.173	185.515	195.354	193.161	1.550
IPI:IPI00020228.2	FZD6	Frizzled-6	1	14.066	16.433	15.742	29.069	30.186	34.944	15.414	1.217
IPI:IPI00020319.2	BLOC1S1	Biogenesis of lysosome-related organelles complex 1 subunit 1	1	21.185	23.189	19.884	28.876	26.511	27.832	21.419	1.665
IPI:IPI00020354.1	IL13RA1	Interleukin-13 receptor alpha-1 chain	2	34.237	36.104	36.428	256.794	237.019	239.531	35.590	1.182
IPI:IPI00020356.4	MAP1A	331 kDa protein	49	2,651.530	2,623.280	2,632.560	2,773.350	2,782.500	2,717.140	2,635.790	14.399
IPI:IPI00020407.1	MGAT5	Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020416.8	TPP2	Tripeptidyl-peptidase 2	14	955.593	970.539	961.693	1,037.220	1,014.730	1,061.500	962.608	7.515
IPI:IPI00020418.1	RRAS	Ras-related protein R-Ras	5	391.674	422.521	368.889	522.885	449.829	511.921	394.361	26.917
IPI:IPI00020431.2	TGFBR2	Isoform 1 of TGF-beta receptor type-2	2	14.235	13.314	9.495	58.881	59.857	60.716	12.348	2.513
IPI:IPI00020436.4	RAB11B	Ras-related protein Rab-11B	6	346.948	417.000	379.116	469.672	434.408	390.349	381.021	35.065
IPI:IPI00020454.1	DCK	Deoxycytidine kinase	1	56.370	68.260	61.174	62.287	47.198	59.292	61.934	5.981
IPI:IPI00020464.4	PAG1	Phosphoprotein associated with glycosphingolipid-enriched microdomains 1	4	89.864	98.668	88.213	100.082	87.567	96.249	92.248	5.620
IPI:IPI00020468.4	SELS	Selenoprotein S	2	228.519	199.289	219.971	206.245	232.282	217.478	215.926	15.029
IPI:IPI00020470.4	GLT8D1	Isoform 1 of Glycosyltransferase 8 domain-containing protein 1	2	117.581	119.070	115.098	171.277	169.482	163.224	117.250	2.007
IPI:IPI00020472.1	TMEM111	Isoform 1 of Transmembrane protein 111	4	225.923	230.694	234.022	261.169	264.811	265.935	230.213	4.071
IPI:IPI00020495.1	MRPS36	28S ribosomal protein S36, mitochondrial	3	140.451	128.023	133.873	84.690	86.313	91.297	134.116	6.218
IPI:IPI00020501.1	MYH11	Myosin-11	1	16.325	40.325	24.876	38.414	25.185	24.373	27.176	12.164
IPI:IPI00020508.1	TRMT1	Isoform 1 of N(2),N(2)-dimethylguanosine tRNA methyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020510.1	CISD1	CDGSH iron sulfur domain-containing protein 1	3	289.033	261.661	298.780	270.253	304.568	277.799	283.158	19.244
IPI:IPI00020512.1	ALG13	UDP-N-acetylglucosamine transferase subunit ALG13 homolog	1	52.858	65.357	53.221	69.204	49.974	64.101	57.145	7.114
IPI:IPI00020513.2	ZYX	67 kDa protein	35	3,518.830	3,329.220	3,298.550	2,716.080	2,647.230	2,723.070	3,382.200	119.315
IPI:IPI00020515.3	USE1	Isoform 1 of Vesicle transport protein USE1	1	44.378	41.975	47.768	35.713	43.289	35.454	44.707	2.910
IPI:IPI00020524.6	CLCN7	Putative chloride channel protein 7	1	43.727	41.134	40.921	66.633	56.672	67.385	41.927	1.562
IPI:IPI00020530.1	ACOT13	Acyl-coenzyme A thioesterase 13	5	411.811	400.868	387.535	488.519	515.370	518.694	400.071	12.158
IPI:IPI00020540.4	TMEM126B	Isoform 1 of Transmembrane protein 126B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020557.1	LRP1	Prolow-density lipoprotein receptor-related protein 1	36	2,842.710	2,671.160	2,868.310	3,042.040	3,273.380	3,127.690	2,794.060	107.201
IPI:IPI00020567.2	ARHGAP1	cDNA FLJ60782, highly similar to Rho-GTPase-activating protein 1	14	638.121	678.799	639.051	728.248	661.833	680.331	651.990	23.222
IPI:IPI00020599.1	CALR	Calreticulin	146	8,338.100	8,089.700	8,058.280	7,885.450	7,889.650	7,766.420	8,162.027	153.291
IPI:IPI00020602.1	CSNK2A2	Casein kinase II subunit alpha'	5	413.491	389.592	406.890	435.348	454.322	432.253	403.324	12.342
IPI:IPI00020632.4	ASS1	Argininosuccinate synthase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020672.4	DPP3	Isoform 1 of Dipeptidyl-peptidase 3	9	511.272	518.783	521.780	527.253	545.888	532.283	517.278	5.413
IPI:IPI00020683.4	DUSP11	dual specificity phosphatase 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020692.4	SCN3A	Isoform 1 of Sodium channel protein type 3 subunit alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020701.5	ERI3	Isoform 1 of Prion protein-interacting protein	7	409.450	433.800	408.456	478.599	481.385	477.410	417.235	14.354

IPI:IPI00019997.1	449.981	6.766	0.255	0.00514323	2	65.955	63.751	65.579	51.348	60.564	53.007	65.095	1.179	54.973	4.913	-0.244	0.06321023
IPI:IPI00020004.3	37.859	4.811	0.428	0.05261284	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020008.1	192.338	3.918	-0.299	0.04347850	17	893.021	1,013.840	863.644	1,331.360	1,061.760	1,241.320	923.502	79.602	1,211.480	137.255	0.392	0.04704137
IPI:IPI00020017.1	0.000	0.000	n/a	n/a	3	39.928	40.406	40.717	32.515	35.351	28.384	40.350	0.398	32.084	3.503	-0.331	0.05342497
IPI:IPI00020021.3	852.800	15.366	-0.261	0.00021501	9	310.143	356.176	310.218	233.400	192.995	219.841	325.512	26.556	215.412	20.563	-0.596	0.00569442
IPI:IPI00020037.1	0.000	0.000	n/a	n/a	3	80.713	86.479	84.622	114.781	108.828	117.149	83.938	2.943	113.586	4.287	0.436	0.00105795
IPI:IPI00020042.2	1,489.073	24.313	-0.051	0.04741584	43	1,559.190	1,447.440	1,556.470	1,856.410	1,976.700	1,859.330	1,521.033	63.748	1,897.480	68.622	0.319	0.00228864
IPI:IPI00020050.5	0.000	0.000	n/a	n/a	1	30.743	36.479	31.756	35.401	35.921	36.880	32.993	3.062	36.068	0.751	0.129	0.21980879
IPI:IPI00020060.2	0.000	0.000	n/a	n/a	1	38.511	34.312	44.904	65.575	69.706	66.791	39.242	5.334	67.357	2.123	0.779	0.00566583
IPI:IPI00020075.4	727.275	16.776	0.270	0.00219497	5	277.861	334.119	302.992	168.778	158.567	169.526	304.991	28.182	165.624	6.123	-0.881	0.01062978
IPI:IPI00020096.2	3,132.983	73.148	-0.030	0.27833890	20	1,158.900	1,070.650	1,144.690	1,058.210	1,147.800	1,072.190	1,124.747	47.385	1,092.733	48.199	-0.042	0.45967562
IPI:IPI00020124.1	79.644	2.172	1.071	0.00009888	2	75.328	66.060	74.358	47.756	54.386	53.471	71.915	5.094	51.871	3.593	-0.471	0.00696061
IPI:IPI00020127.1	749.164	35.691	-0.179	0.07903736	22	958.574	926.126	950.184	1,295.470	1,332.000	1,288.220	944.961	16.843	1,305.230	23.465	0.466	0.00005783
IPI:IPI00020128.2	0.000	0.000	n/a	n/a	4	172.298	180.932	170.817	174.842	158.168	170.646	174.682	5.463	167.885	8.673	-0.057	0.32585847
IPI:IPI00020178.1	701.145	21.961	0.241	0.00907532	8	315.920	318.072	328.869	269.040	223.544	268.067	320.954	6.939	253.550	25.991	-0.340	0.03867281
IPI:IPI00020194.1	249.184	48.529	-0.366	0.11054222	22	1,478.060	1,481.780	1,470.610	1,453.920	1,393.470	1,425.080	1,476.817	5.688	1,424.157	30.236	-0.052	0.08997114
IPI:IPI00020196.5	48.658	6.358	0.043	0.81996052	2	24.204	27.777	23.366	46.538	36.610	42.263	25.116	2.343	41.803	4.980	0.735	0.01536080
IPI:IPI00020210.2	1,520.073	11.553	0.759	0.00000945	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020226.2	192.681	6.272	-0.004	0.90857037	1	45.017	60.321	41.674	51.483	41.208	48.468	49.004	9.942	47.053	5.281	-0.059	0.78346737
IPI:IPI00020228.2	31.399	3.120	1.026	0.00622985	1	21.304	24.982	21.462	50.915	40.771	44.469	22.582	2.079	45.385	5.134	1.007	0.00859057
IPI:IPI00020319.2	27.740	1.186	0.373	0.00780814	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020354.1	244.448	10.765	2.780	0.00078927	1	38.853	47.542	43.478	87.723	82.879	91.349	43.291	4.347	87.317	4.249	1.012	0.00023382
IPI:IPI00020356.4	2,757.663	35.391	0.065	0.01617519	3	157.023	143.368	167.977	52.661	72.194	63.187	156.123	12.329	62.681	9.776	-1.317	0.00065931
IPI:IPI00020407.1	0.000	0.000	n/a	n/a	1	52.984	50.227	45.911	88.024	81.104	91.810	49.707	3.565	86.979	5.429	0.807	0.00117165
IPI:IPI00020416.8	1,037.817	23.391	0.109	0.02238016	12	433.444	457.958	441.875	587.054	589.898	605.615	444.426	12.454	594.189	9.997	0.419	0.00011462
IPI:IPI00020418.1	494.878	39.397	0.328	0.02704529	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020431.2	59.818	0.918	2.276	0.00025870	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020436.4	431.476	39.743	0.179	0.17576071	5	166.389	170.092	165.088	167.943	174.127	174.171	167.190	2.596	172.080	3.583	0.042	0.13504313
IPI:IPI00020454.1	56.259	7.989	-0.139	0.38557496	2	87.844	90.178	92.029	91.889	93.623	99.039	90.017	2.097	94.850	3.730	0.075	0.14180374
IPI:IPI00020464.4	94.633	6.412	0.037	0.65461982	1	45.861	52.334	46.572	42.248	37.691	35.680	48.256	3.550	38.540	3.365	-0.324	0.02644433
IPI:IPI00020468.4	218.668	13.059	0.018	0.82454854	1	80.640	92.208	79.585	27.915	16.902	26.263	84.144	7.003	23.693	5.939	-1.828	0.00039007
IPI:IPI00020470.4	167.994	4.228	0.519	0.00044883	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020472.1	263.972	2.491	0.197	0.00071386	9	590.517	580.947	606.510	706.601	746.680	692.195	592.658	12.915	715.159	28.233	0.271	0.00795943
IPI:IPI00020495.1	87.433	3.443	-0.617	0.00121101	6	215.293	226.058	237.549	64.498	74.834	75.592	226.300	11.130	71.641	6.198	-1.659	0.00017865
IPI:IPI00020501.1	29.324	7.882	0.110	0.81212096	3	180.384	183.129	181.169	122.755	128.461	123.042	181.561	1.414	124.753	3.215	-0.541	0.00018651
IPI:IPI00020508.1	0.000	0.000	n/a	n/a	4	89.099	97.458	91.794	104.694	99.487	106.401	92.784	4.266	103.527	3.602	0.158	0.03030236
IPI:IPI00020510.1	284.207	18.033	0.005	0.94896661	9	481.645	498.718	496.808	360.370	367.685	366.563	492.390	9.355	364.873	3.940	-0.432	0.00042404
IPI:IPI00020512.1	61.093	9.962	0.096	0.60932913	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020513.2	2,695.460	41.914	-0.327	0.00527957	24	1,159.460	1,202.390	1,158.220	548.989	532.276	553.682	1,173.357	25.151	544.982	11.251	-1.106	0.00006832
IPI:IPI00020515.3	38.152	4.451	-0.229	0.11143820	3	111.167	101.568	112.506	80.228	104.345	90.056	108.414	5.966	91.543	12.127	-0.244	0.12210858
IPI:IPI00020524.6	63.563	5.980	0.600	0.01910857	1	36.716	36.217	38.102	40.257	47.073	43.866	37.012	0.977	43.732	3.410	0.241	0.06652738
IPI:IPI00020530.1	507.528	16.546	0.343	0.00121339	10	510.460	482.859	523.014	550.584	587.305	558.597	505.444	20.542	565.495	19.308	0.162	0.02118349
IPI:IPI00020540.4	0.000	0.000	n/a	n/a	1	108.401	87.888	93.062	94.571	87.073	93.805	96.450	10.668	91.816	4.125	-0.071	0.54202747
IPI:IPI00020557.1	3,147.703	116.961	0.172	0.01842592	10	980.871	931.917	976.509	78.424	123.146	119.659	963.099	27.092	107.076	24.875	-3.169	0.00000249
IPI:IPI00020567.2	690.137	34.276	0.082	0.19579294	5	207.372	255.365	198.618	216.822	193.189	214.099	220.452	30.551	208.037	12.930	-0.084	0.56802267
IPI:IPI00020599.1	7,847.173	69.966	-0.057	0.05295950	160	6,718.110	6,405.630	6,424.810	5,733.060	5,648.120	5,676.510	6,516.183	175.136	5,685.897	43.241	-0.197	0.01093159
IPI:IPI00020602.1	440.641	11.949	0.128	0.01984794	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020632.4	0.000	0.000	n/a	n/a	10	471.434	444.849	449.810	641.660	643.310	667.279	455.364	14.136	650.750	14.339	0.515	0.00007442
IPI:IPI00020672.4	535.141	9.641	0.049	0.06432837	16	411.948	428.025	423.403	513.596	504.624	523.911	421.125	8.277	514.044	9.651	0.288	0.00025715
IPI:IPI00020683.4	0.000	0.000	n/a	n/a	1	52.131	40.169	44.819	60.388	69.251	59.838	45.706	6.030	63.159	5.283	0.467	0.02021718
IPI:IPI00020692.4	0.000	0.000	n/a	n/a	1	24.883	26.231	25.022	0.000	0.000	1.794	25.378	0.742	0.598	1.036	-5.407	0.00001170
IPI:IPI00020701.5	479.131	2.040	0.200	0.01595002	1	52.899	52.148	56.191	42.509	37.672	38.902	53.746	2.150	39.694	2.514	-0.437	0.00199837

IPI:IPI00020719.2	MAVS	Isoform 1 of Mitochondrial antiviral-signaling protein	6	295.706	271.374	286.793	293.246	304.190	282.991	284.624	12.310
IPI:IPI00020827.1	LOC1001297	PNAS-117	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020884.2	PLXNA3	Plexin-A3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020898.1	RPS6KA3	Ribosomal protein S6 kinase alpha-3	4	246.106	236.645	225.798	286.275	251.499	280.920	236.183	10.162
IPI:IPI00020906.1	IMPA1	Inositol monophosphatase	5	279.646	291.300	289.024	300.124	282.679	289.457	286.657	6.177
IPI:IPI00020915.1	MRFAP1	MORF4 family-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00020920.1	ADCY7	Adenylate cyclase type 7	1	32.691	41.109	39.993	52.779	53.393	54.933	37.931	4.572
IPI:IPI00020928.1	TFAM	Transcription factor A, mitochondrial	3	291.533	327.697	276.552	376.738	276.011	347.776	298.594	26.293
IPI:IPI00020944.1	FDFT1	Squalene synthetase	1	22.560	16.113	21.550	84.932	83.237	87.043	20.074	3.467
IPI:IPI00020950.3	PPM1A	Isoform Alpha-1 of Protein phosphatase 1A	4	170.207	157.174	171.301	167.608	187.983	165.933	166.227	7.859
IPI:IPI00020956.1	HDGF	Hepatoma-derived growth factor	26	1,986.210	1,987.560	1,934.120	1,697.250	1,629.220	1,756.290	1,969.297	30.471
IPI:IPI00020965.1	UBE2H	Ubiquitin-conjugating enzyme E2 H	6	319.746	293.618	306.322	326.581	343.282	335.934	306.562	13.066
IPI:IPI00020977.4	CTGF	Isoform 1 of Connective tissue growth factor	7	292.524	302.426	301.505	439.049	410.473	419.224	298.818	5.470
IPI:IPI00020984.2	CANX	cDNA FLJ55574, highly similar to Calnexin	63	4,258.100	4,306.860	4,155.210	4,677.160	4,469.620	4,562.130	4,240.057	77.418
IPI:IPI00020985.4	EP300	Histone acetyltransferase p300	1	7.123	8.129	6.575	8.368	8.163	8.063	7.276	0.788
IPI:IPI00020986.2	LUM	Lumican	1	46.961	41.552	50.754	53.500	72.236	57.354	46.422	4.625
IPI:IPI00020991.2	CDKN2AIP	CDKN2A interacting protein	6	394.098	411.114	406.963	397.155	349.486	398.716	404.058	8.872
IPI:IPI00021008.1	AHR	Aryl hydrocarbon receptor	1	13.614	12.511	12.910	13.583	13.203	15.335	13.012	0.558
IPI:IPI00021016.3	TSFM	Isoform 1 of Elongation factor Ts, mitochondrial	7	298.162	293.343	280.056	287.796	317.528	308.579	290.520	9.377
IPI:IPI00021033.2	COL3A1	Isoform 1 of Collagen alpha-1(III) chain	36	2,088.990	2,086.130	2,136.850	1,875.630	1,891.520	1,881.850	2,103.990	28.494
IPI:IPI00021048.1	MYOF	Isoform 1 of Myoferlin	151	9,661.010	9,459.160	9,560.050	10,999.300	11,372.000	11,119.800	9,560.073	100.925
IPI:IPI00021057.1	SLC12A4	Isoform 1 of Solute carrier family 12 member 4	7	429.610	462.328	423.851	615.032	545.556	577.465	438.596	20.753
IPI:IPI00021058.2	SLC4A7	Solute carrier family 4 sodium bicarbonate cotransporter member 7	4	111.737	122.668	112.115	161.246	145.720	162.147	115.507	6.205
IPI:IPI00021076.1	PKP4	Isoform Long of Plakophilin-4	1	74.861	62.784	76.571	83.321	94.755	86.500	71.405	7.515
IPI:IPI00021129.4	AP3B1	Isoform 1 of AP-3 complex subunit beta-1	13	1,263.420	1,138.150	1,204.510	1,156.030	1,198.450	1,182.950	1,202.027	62.672
IPI:IPI00021146.1	PRPF18	Isoform 1 of Pre-mRNA-splicing factor 18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021147.1	DEGS1	Sphingolipid delta(4)-desaturase DES1	2	87.250	135.797	84.545	103.151	69.000	86.988	102.531	28.841
IPI:IPI00021167.3	PRKRA	Isoform 1 of Interferon-inducible double stranded RNA-dependent protein kinase activator A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021174.1	GGA3	Isoform Long of ADP-ribosylation factor-binding protein GGA3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021175.1	CRKRS	Isoform 1 of Cell division cycle 2-related protein kinase 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021187.4	RUVBL1	Isoform 1 of RuvB-like 1	10	510.388	535.005	506.215	532.899	496.404	529.478	517.203	15.558
IPI:IPI00021248.1	PLK1	Serine/threonine-protein kinase PLK1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021250.3	DAPK1	Death-associated protein kinase 1	1	230.765	222.667	221.991	182.325	201.850	197.869	225.141	4.882
IPI:IPI00021257.1	ARFIP2	Arfaptin-2	2	189.341	202.592	197.105	213.851	198.132	215.376	196.346	6.658
IPI:IPI00021258.2	ARFIP1	Isoform B of Arfaptin-1	5	319.741	335.926	311.219	353.713	340.511	332.990	322.295	12.550
IPI:IPI00021263.3	YWHAZ	14-3-3 protein zeta/delta	35	1,510.080	1,581.610	1,578.100	1,447.680	1,575.920	1,387.770	1,556.597	40.323
IPI:IPI00021264.1	CNN1	Calponin-1	25	1,397.460	1,401.620	1,425.760	1,455.390	1,463.720	1,382.190	1,408.280	15.280
IPI:IPI00021266.1	RPL23A	60S ribosomal protein L23a	25	2,678.370	2,700.130	2,678.930	2,463.250	2,328.520	2,319.680	2,685.810	12.405
IPI:IPI00021267.2	EPHA2	Ephrin type-A receptor 2	10	1,016.330	1,098.930	1,040.070	1,281.410	1,168.530	1,285.870	1,051.777	42.526
IPI:IPI00021290.5	ACLY	ATP-citrate synthase	1	34.020	28.845	39.959	32.319	37.615	36.848	34.274	5.562
IPI:IPI00021302.3	SUSD2	Sushi domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021304.1	KRT2	Keratin, type II cytoskeletal 2 epidermal	23	1,268.240	1,260.500	1,272.070	1,344.290	1,265.500	1,335.630	1,266.937	5.894
IPI:IPI00021320.2	MEPCE	7SK snRNA methylphosphate capping enzyme	3	197.925	220.267	231.241	232.781	199.687	194.199	216.478	16.978
IPI:IPI00021326.4	SHC1	SHC (Src homology 2 domain containing) transforming protein 1 isoform 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021327.3	GRB2	Isoform 1 of Growth factor receptor-bound protein 2	3	169.308	169.743	169.127	174.927	170.818	182.327	169.393	0.317
IPI:IPI00021329.3	WDR45L	WD repeat domain phosphoinositide-interacting protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021338.2	DLAT	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	15	777.974	766.806	761.942	667.604	642.851	682.208	768.907	8.220
IPI:IPI00021346.1	UBE2E1	Ubiquitin-conjugating enzyme E2 E1	1	9.117	10.530	9.082	10.373	7.562	8.386	9.576	0.826
IPI:IPI00021347.1	UBE2L3	Ubiquitin-conjugating enzyme E2 L3	11	910.748	842.682	898.039	908.609	1,009.250	911.693	883.823	36.191
IPI:IPI00021369.1	CRYAB	Alpha-crystallin B chain	4	262.668	247.155	236.119	462.763	462.551	451.166	248.647	13.337
IPI:IPI00021370.1	UBE2K	Isoform 1 of Ubiquitin-conjugating enzyme E2 K	3	163.700	154.721	159.462	129.606	150.530	143.487	159.294	4.492

IPI:IPI00020719.2	293.476	10.601	0.044	0.39997322	2	46.893	55.747	48.914	30.040	23.854	33.425	50.518	4.640	29.106	4.853	-0.795	0.00528875
IPI:IPI00020827.1	0.000	0.000	n/a	n/a	1	26.501	28.835	23.080	26.167	21.960	24.347	26.139	2.895	24.158	2.110	-0.114	0.39738836
IPI:IPI00020884.2	0.000	0.000	n/a	n/a	1	35.864	38.346	33.192	51.468	47.173	48.591	35.801	2.578	49.077	2.188	0.455	0.00268514
IPI:IPI00020898.1	272.898	18.725	0.208	0.05642799	2	93.485	87.522	101.181	89.679	105.136	90.760	94.063	6.848	95.192	8.629	0.017	0.86854920
IPI:IPI00020906.1	290.753	8.794	0.020	0.55002608	9	504.327	496.202	491.844	506.699	521.722	516.336	497.458	6.336	514.919	7.611	0.050	0.03970279
IPI:IPI00020915.1	0.000	0.000	n/a	n/a	2	48.546	49.935	52.692	31.820	35.432	34.903	50.391	2.111	34.052	1.951	-0.565	0.00061551
IPI:IPI00020920.1	53.702	1.110	0.502	0.02191674	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020928.1	333.508	51.857	0.160	0.37569810	11	665.888	699.113	678.229	349.594	364.115	364.728	681.077	16.795	359.479	8.566	-0.922	0.00009136
IPI:IPI00020944.1	85.070	1.907	2.083	0.00007333	1	81.217	89.905	78.614	57.551	60.716	64.529	83.245	5.913	60.932	3.494	-0.450	0.00897120
IPI:IPI00020950.3	173.841	12.276	0.065	0.42550323	3	151.500	201.429	170.480	209.947	206.502	209.117	174.470	25.202	208.522	1.798	0.257	0.14362195
IPI:IPI00020956.1	1,694.253	63.588	-0.217	0.00759959	38	2,236.440	2,354.640	2,210.460	1,068.260	991.998	1,101.220	2,267.180	76.848	1,053.826	56.023	-1.105	0.00005007
IPI:IPI00020965.1	335.266	8.371	0.129	0.04119025	3	141.862	126.331	148.404	103.645	118.502	93.982	138.866	11.337	105.376	12.351	-0.398	0.02614906
IPI:IPI00020977.4	422.915	14.641	0.501	0.00185865	4	206.802	218.487	214.215	66.777	69.000	73.200	213.168	5.912	69.659	3.262	-1.614	0.00003270
IPI:IPI00020984.2	4,569.637	103.973	0.108	0.01391455	66	2,770.110	2,793.630	2,575.440	2,797.720	2,694.470	2,793.350	2,713.060	119.761	2,761.847	58.391	0.026	0.57371976
IPI:IPI00020985.4	8.198	0.156	0.172	0.17562318	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020986.2	61.030	9.894	0.395	0.10904316	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00020991.2	381.786	27.983	-0.082	0.30074546	12	811.821	787.570	805.422	729.423	755.879	748.798	801.604	12.568	744.700	13.696	-0.106	0.00620735
IPI:IPI00021008.1	14.040	1.137	0.110	0.25705347	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021016.3	304.634	15.253	0.068	0.25765958	15	658.446	591.595	663.305	644.970	759.310	684.285	637.782	40.073	696.188	58.092	0.126	0.23391007
IPI:IPI00021033.2	1,883.000	8.007	-0.160	0.00333531	11	685.007	675.884	713.071	53.829	82.859	69.208	691.321	19.381	68.632	14.524	-3.332	0.00000357
IPI:IPI00021048.1	11,163.700	190.189	0.224	0.00095080	90	4,671.690	4,720.760	4,655.630	3,860.070	3,884.560	3,828.790	4,682.693	33.931	3,857.807	27.954	-0.280	0.00000765
IPI:IPI00021057.1	579.351	34.776	0.402	0.00720382	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021058.2	156.371	9.235	0.437	0.00490227	8	260.162	262.869	257.679	290.355	286.532	300.000	260.237	2.596	292.296	6.941	0.168	0.00844424
IPI:IPI00021076.1	88.192	5.902	0.305	0.04117199	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021129.4	1,179.143	21.465	-0.028	0.60039566	10	450.280	510.506	448.460	277.215	261.623	288.178	469.749	35.309	275.672	13.345	-0.769	0.00543152
IPI:IPI00021146.1	0.000	0.000	n/a	n/a	1	28.706	27.969	30.132	47.058	45.550	39.480	28.936	1.100	44.029	4.011	0.606	0.01716486
IPI:IPI00021147.1	86.380	17.084	-0.247	0.46091858	6	275.993	254.649	296.745	355.397	411.965	350.716	275.796	21.049	372.693	34.091	0.434	0.02019504
IPI:IPI00021167.3	0.000	0.000	n/a	n/a	3	164.486	152.532	162.383	139.177	149.092	138.723	159.800	6.382	142.331	5.860	-0.167	0.02538906
IPI:IPI00021174.1	0.000	0.000	n/a	n/a	5	112.972	115.486	122.491	148.752	124.595	145.954	116.983	4.933	139.767	13.214	0.257	0.08238264
IPI:IPI00021175.1	0.000	0.000	n/a	n/a	7	305.083	332.728	297.960	337.045	325.006	341.586	311.924	18.366	334.546	8.568	0.101	0.15469705
IPI:IPI00021187.4	519.594	20.156	0.007	0.88041660	30	1,435.140	1,383.720	1,432.120	1,419.760	1,488.730	1,421.170	1,416.993	28.855	1,443.220	39.419	0.026	0.40960100
IPI:IPI00021248.1	0.000	0.000	n/a	n/a	1	61.037	47.998	57.008	90.241	92.686	86.754	55.348	6.676	89.893	2.981	0.700	0.00512065
IPI:IPI00021250.3	194.015	10.317	-0.215	0.02020603	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021257.1	209.120	9.546	0.091	0.13856472	1	66.261	53.860	65.934	83.662	102.696	90.213	62.018	7.067	92.191	9.670	0.572	0.01467691
IPI:IPI00021258.2	342.405	10.490	0.087	0.10259987	5	134.238	152.289	138.092	160.484	149.240	149.096	141.540	9.507	152.940	6.534	0.112	0.17139223
IPI:IPI00021263.3	1,470.457	96.121	-0.082	0.25782205	59	2,192.930	2,187.550	2,188.080	2,239.490	2,153.380	2,211.770	2,189.520	2.965	2,201.547	43.956	0.008	0.68519879
IPI:IPI00021264.1	1,433.767	44.860	0.026	0.43419226	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021266.1	2,370.483	80.460	-0.180	0.01908634	24	1,644.300	1,709.570	1,671.080	1,555.200	1,469.380	1,524.000	1,674.983	32.810	1,516.193	43.439	-0.144	0.00873012
IPI:IPI00021267.2	1,245.270	66.496	0.244	0.01855782	15	804.695	758.692	822.577	749.768	851.701	752.440	795.321	32.958	784.636	58.095	-0.020	0.80074817
IPI:IPI00021290.5	35.594	2.862	0.054	0.74090202	27	1,370.770	1,333.170	1,388.940	871.282	888.136	889.682	1,364.293	28.444	883.033	10.206	-0.628	0.00035298
IPI:IPI00021302.3	0.000	0.000	n/a	n/a	2	61.372	58.138	68.834	81.758	100.066	90.071	62.781	5.485	90.632	9.167	0.530	0.01689210
IPI:IPI00021304.1	1,315.140	43.207	0.054	0.19120909	6	467.544	529.731	492.821	247.475	273.867	264.641	496.699	31.274	261.994	13.394	-0.923	0.00202140
IPI:IPI00021320.2	208.889	20.872	-0.051	0.65258217	7	469.958	475.299	475.875	552.735	543.960	548.249	473.711	3.263	548.315	4.388	0.211	0.00003647
IPI:IPI00021326.4	0.000	0.000	n/a	n/a	2	26.201	22.668	24.364	36.665	37.910	37.427	24.411	1.767	37.334	0.627	0.613	0.00291358
IPI:IPI00021327.3	176.024	5.832	0.055	0.18760124	6	228.226	209.588	217.018	286.594	292.412	278.036	218.277	9.383	285.681	7.231	0.388	0.00080789
IPI:IPI00021329.3	0.000	0.000	n/a	n/a	2	99.626	86.887	99.354	93.579	113.072	103.160	95.289	7.278	103.270	9.747	0.116	0.32400924
IPI:IPI00021338.2	664.221	19.895	-0.211	0.00543990	25	829.541	767.281	811.081	927.421	973.234	932.119	802.634	31.978	944.258	25.204	0.234	0.00453368
IPI:IPI00021346.1	8.774	1.445	-0.126	0.46224240	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021347.1	943.184	57.236	0.094	0.21626563	8	368.665	389.782	374.172	314.281	280.383	317.401	377.540	10.954	304.022	20.531	-0.312	0.01147558
IPI:IPI00021369.1	458.827	6.635	0.884	0.00017550	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021370.1	141.208	10.647	-0.174	0.08248364	6	105.252	117.825	101.787	50.661	48.414	53.564	108.288	8.439	50.880	2.582	-1.090	0.00410329

IPI:IPI00021388.2	MED13	Mediator of RNA polymerase II transcription subunit 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021389.1	CCS	Copper chaperone for superoxide dismutase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021405.3	LMNA	Isoform A of Lamin-A/C	72	6,540.930	6,570.450	6,339.440	6,107.280	6,095.170	6,257.240	6,483.607	125.721
IPI:IPI00021417.3	SART1	U4/U6.U5 tri-snRNP-associated protein 1	6	342.123	391.748	347.794	366.281	313.312	363.406	360.555	27.162
IPI:IPI00021435.3	PSMC2	26S protease regulatory subunit 7	22	2,030.070	2,014.660	2,060.470	1,744.800	1,797.910	1,707.940	2,035.067	23.310
IPI:IPI00021439.1	ACTB	Actin, cytoplasmic 1	290	10,074.800	11,510.500	10,349.400	11,108.600	9,842.100	10,921.000	10,644.900	762.102
IPI:IPI00021447.1	AMY2B	Alpha-amylase 2B	1	74.008	88.026	77.419	77.086	64.193	59.441	79.818	7.310
IPI:IPI00021448.2	PIK3R1	Isoform 1 of Phosphatidylinositol 3-kinase regulatory subunit alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021449.3	ITPKB	Isoform 1 of Inositol-trisphosphate 3-kinase B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021453.1	PPAP2B	Lipid phosphate phosphohydrolase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021458.1	EHD3	EH domain-containing protein 3	4	203.237	214.041	189.619	220.464	184.423	216.632	202.299	12.238
IPI:IPI00021466.5	PAIP1	Isoform 1 of Polyadenylate-binding protein-interacting protein 1	2	104.071	123.556	93.319	125.861	83.945	118.166	106.982	15.327
IPI:IPI00021475.1	RAB33B	Ras-related protein Rab-33B	1	65.385	64.995	57.439	88.966	84.712	90.118	62.606	4.479
IPI:IPI00021518.1	DDB2	Isoform 1 of DNA damage-binding protein 2	1	26.994	24.193	26.164	25.388	33.652	28.446	25.784	1.439
IPI:IPI00021536.2	CALML5	Calmodulin-like protein 5	1	30.647	32.544	32.868	38.181	28.565	38.656	32.020	1.200
IPI:IPI00021537.5	OGFR	Isoform 1 of Opioid growth factor receptor	1	25.988	27.487	26.089	24.838	28.228	29.946	26.521	0.838
IPI:IPI00021634.3	KLC2	Kinesin light chain 2	5	809.506	859.651	870.392	760.035	803.227	817.751	846.516	32.499
IPI:IPI00021671.3	KIAA0922	Isoform 1 of Transmembrane protein 131-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021685.1	ARL6	ADP-ribosylation factor-like protein 6	1	18.933	19.222	22.321	21.124	21.965	22.814	20.159	1.878
IPI:IPI00021692.2	MBNL1	Isoform EXP42 of Muscleblind-like protein 1	8	352.204	338.066	366.226	256.748	260.107	273.637	352.165	14.080
IPI:IPI00021695.1	ATP2B1	Isoform D of Plasma membrane calcium-transporting ATPase 1	2	47.732	46.649	49.215	39.571	36.883	34.438	47.865	1.288
IPI:IPI00021700.3	PCNA	Proliferating cell nuclear antigen	12	1,102.040	958.501	1,154.680	760.908	913.498	810.532	1,071.740	101.539
IPI:IPI00021728.3	EIF2S2	Eukaryotic translation initiation factor 2 subunit 2	29	2,328.730	2,311.770	2,290.880	2,166.060	2,213.720	2,218.490	2,310.460	18.959
IPI:IPI00021739.2	GIGYF1	PERQ amino acid-rich with GYF domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021766.5	RTN4	Isoform 1 of Reticulon-4	19	867.275	815.619	857.248	852.993	961.887	878.890	846.714	27.392
IPI:IPI00021770.1	HMGCR	Isoform 1 of 3-hydroxy-3-methylglutaryl-coenzyme A reductase	1	3.419	2.831	2.550	21.344	28.073	22.190	2.933	0.443
IPI:IPI00021785.2	COX5B	Cytochrome c oxidase subunit 5B, mitochondrial	5	341.828	304.207	341.514	260.299	286.768	261.171	329.183	21.630
IPI:IPI00021786.1	RAF1	Isoform 1 of RAF proto-oncogene serine/threonine-protein kinase	2	219.783	203.571	220.035	200.828	201.936	204.083	214.463	9.434
IPI:IPI00021793.1	COX6A1P2;C	Cytochrome c oxidase subunit 6A1, mitochondrial	4	55.111	45.934	45.381	42.998	50.732	49.380	48.809	5.465
IPI:IPI00021794.8	CTSA	Lysosomal protective protein	5	458.522	470.392	454.687	376.853	395.419	385.911	461.200	8.188
IPI:IPI00021800.1	CASP1	Isoform Alpha of Caspase-1	1	59.196	69.019	55.040	76.687	67.676	78.678	61.085	7.178
IPI:IPI00021805.1	MGST1	Microsomal glutathione S-transferase 1	5	331.591	299.439	336.555	328.196	373.417	342.983	322.528	20.149
IPI:IPI00021807.3	GBA	cDNA FLJ56157, highly similar to Glucosylceramidase	3	220.646	210.913	224.480	252.254	299.365	275.533	218.680	6.994
IPI:IPI00021808.3	HARS	Histidyl-tRNA synthetase, cytoplasmic	7	534.958	554.480	525.885	559.247	520.907	568.028	538.441	14.612
IPI:IPI00021812.2	AHNAK	Neuroblast differentiation-associated protein AHNAK	955	83,825.300	82,106.500	81,687.900	74,509.900	71,619.600	71,017.500	82,539.900	1,132.694
IPI:IPI00021828.1	CSTB	Cystatin-B	9	424.089	408.324	403.987	549.549	540.001	492.638	412.133	10.579
IPI:IPI00021831.1	PRKAR1A	cAMP-dependent protein kinase type I-alpha regulatory subunit	11	689.413	633.923	690.577	597.410	660.528	619.657	671.304	32.378
IPI:IPI00021834.1	TFPI	Isoform Alpha of Tissue factor pathway inhibitor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021840.1	RPS6	40S ribosomal protein S6	22	1,565.390	1,614.880	1,629.810	1,334.560	1,311.720	1,361.630	1,603.360	33.720
IPI:IPI00021842.1	APOE	Apolipoprotein E	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021888.5	SLC39A7	Zinc transporter SLC39A7	2	43.375	46.682	44.126	56.397	46.854	47.121	44.727	1.733
IPI:IPI00021907.2	MBP	Isoform 1 of Myelin basic protein	1	29.047	23.149	28.247	18.377	23.206	22.240	26.814	3.199
IPI:IPI00021917.1	RIPK2	Isoform 1 of Receptor-interacting serine/threonine-protein kinase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021924.1	H1FX	Histone H1x	4	219.151	260.844	208.476	269.889	213.562	282.196	229.490	27.673
IPI:IPI00021926.4	PSMC6	26S protease regulatory subunit S10B	8	838.581	809.439	845.861	772.573	802.978	802.295	831.294	19.274
IPI:IPI00021944.1	CLDN4	Claudin-4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021954.1	GBF1	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1	15	663.674	606.033	665.825	569.305	655.886	593.638	645.177	33.917
IPI:IPI00021978.1	PEX11B	Peroxisomal membrane protein 11B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00021985.4	TM9SF4	Isoform 1 of Transmembrane 9 superfamily member 4	4	105.065	109.889	120.543	94.828	99.796	97.627	111.832	7.920
IPI:IPI00022002.6	MRPS27	cDNA FLJ54536, highly similar to Mitochondrial 28S ribosomal protein S27	2	99.145	102.102	104.585	117.919	106.622	122.924	101.944	2.724
IPI:IPI00022007.1	WASF1	Wiskott-Aldrich syndrome protein family member 1	4	35.270	35.491	39.078	46.952	47.670	44.612	36.613	2.138
IPI:IPI00022018.1	DPM1	Dolichol-phosphate mannosyltransferase	2	202.445	180.617	205.373	188.163	242.804	191.876	196.145	13.527
IPI:IPI00022022.1	FIG4	SAC domain-containing protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00021388.2	0.000	0.000	n/a	n/a	4	117.970	111.979	120.134	129.362	125.099	121.862	116.694	4.225	125.441	3.762	0.104	0.05624168
IPI:IPI00021389.1	0.000	0.000	n/a	n/a	4	125.711	102.651	121.020	136.763	148.798	134.855	116.461	12.187	140.139	7.560	0.267	0.05696460
IPI:IPI00021405.3	6,153.230	90.279	-0.075	0.02478144	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021417.3	347.666	29.786	-0.053	0.61040628	27	1,100.240	1,144.810	1,095.580	1,320.510	1,210.620	1,272.850	1,113.543	27.178	1,267.993	55.106	0.187	0.02369972
IPI:IPI00021435.3	1,750.217	45.229	-0.218	0.00235849	54	2,461.070	2,494.690	2,471.780	2,528.380	2,446.550	2,519.040	2,475.847	17.175	2,497.990	44.792	0.013	0.49138109
IPI:IPI00021439.1	10,623.900	683.525	-0.003	0.97339613	302	7,751.810	7,939.200	7,922.250	7,439.800	7,837.130	7,505.190	7,871.087	103.644	7,594.040	213.046	-0.052	0.13922047
IPI:IPI00021447.1	66.907	9.130	-0.255	0.13195814	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021448.2	0.000	0.000	n/a	n/a	1	3.102	2.936	1.913	0.000	0.004	0.000	2.650	0.644	0.001	0.002	-10.953	0.01919794
IPI:IPI00021449.3	0.000	0.000	n/a	n/a	2	36.641	33.375	36.452	42.206	44.490	50.070	35.489	1.833	45.588	4.046	0.361	0.03332680
IPI:IPI00021453.1	0.000	0.000	n/a	n/a	2	151.101	161.113	148.970	9.304	14.823	13.009	153.728	6.484	12.379	2.813	-3.634	0.00010966
IPI:IPI00021458.1	207.173	19.795	0.034	0.73859180	1	100.446	89.408	108.309	36.679	51.934	45.850	99.388	9.495	44.821	7.680	-1.149	0.00178700
IPI:IPI00021466.5	109.324	22.313	0.031	0.88911250	1	17.321	30.945	16.087	36.762	18.975	36.380	21.451	8.245	30.706	10.161	0.517	0.29134061
IPI:IPI00021475.1	87.932	2.847	0.490	0.00232241	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021518.1	29.162	4.178	0.178	0.29481825	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021536.2	35.134	5.694	0.134	0.44521808	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021537.5	27.671	2.599	0.061	0.53071783	8	147.049	150.337	141.956	173.108	167.245	170.892	146.447	4.223	170.415	2.960	0.219	0.00203141
IPI:IPI00021634.3	793.671	30.021	-0.093	0.10799845	17	839.934	812.132	846.756	1,191.000	1,222.400	1,211.170	832.941	18.341	1,208.190	15.911	0.537	0.00001384
IPI:IPI00021671.3	0.000	0.000	n/a	n/a	1	53.479	49.471	49.373	56.245	59.756	69.038	50.774	2.343	61.680	6.610	0.281	0.09055615
IPI:IPI00021685.1	21.968	0.845	0.124	0.23292774	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021692.2	263.497	8.940	-0.418	0.00163803	10	330.682	351.719	329.947	333.086	337.590	329.545	337.449	12.363	333.407	4.032	-0.017	0.63753353
IPI:IPI00021695.1	36.964	2.567	-0.373	0.00758990	32	1,032.050	1,001.790	1,009.680	1,066.740	1,137.310	1,118.010	1,014.507	15.697	1,107.353	36.472	0.126	0.03265710
IPI:IPI00021700.3	828.313	77.833	-0.372	0.03315589	38	1,356.810	1,444.300	1,339.010	2,294.590	2,095.060	2,229.970	1,380.040	56.358	2,206.540	101.808	0.677	0.00095850
IPI:IPI00021728.3	2,199.423	28.992	-0.071	0.00790619	32	1,716.570	1,577.650	1,690.210	1,868.510	1,996.450	1,885.320	1,661.477	73.783	1,916.760	69.523	0.206	0.01216432
IPI:IPI00021739.2	0.000	0.000	n/a	n/a	2	41.626	54.232	51.862	56.962	64.878	58.108	49.240	6.699	59.983	4.278	0.285	0.09091338
IPI:IPI00021766.5	897.923	56.887	0.085	0.25837064	9	300.675	280.491	311.285	139.831	169.069	157.176	297.484	15.643	155.359	14.703	-0.937	0.00033784
IPI:IPI00021770.1	23.869	3.666	3.025	0.00927939	1	55.313	49.009	56.160	47.032	48.065	47.117	53.494	3.907	47.405	0.574	-0.174	0.11130081
IPI:IPI00021785.2	269.413	15.036	-0.289	0.02128575	8	703.722	683.391	726.760	360.268	379.795	373.489	704.624	21.699	371.184	9.965	-0.925	0.00024265
IPI:IPI00021786.1	202.282	1.655	-0.084	0.15161955	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021793.1	47.703	4.130	-0.033	0.79579864	4	93.721	89.124	82.473	43.334	40.588	39.867	88.439	5.655	41.263	1.829	-1.100	0.00238234
IPI:IPI00021794.8	386.061	9.284	-0.257	0.00051330	14	989.087	991.164	985.178	381.752	410.201	405.520	988.476	3.039	399.158	15.254	-1.308	0.00013350
IPI:IPI00021800.1	74.347	5.862	0.283	0.07151522	1	21.915	22.229	26.089	22.688	26.605	25.557	23.411	2.324	24.950	2.027	0.092	0.43826616
IPI:IPI00021805.1	348.199	23.057	0.110	0.22181210	2	226.147	222.115	229.634	0.000	7.421	6.529	225.965	3.763	4.650	4.051	-5.603	0.00000030
IPI:IPI00021807.3	275.717	23.556	0.334	0.04307609	5	247.866	300.570	236.901	35.257	38.058	49.256	261.779	34.038	40.857	7.408	-2.680	0.00590961
IPI:IPI00021808.3	549.394	25.058	0.029	0.55828878	8	416.567	400.063	414.515	479.291	506.035	475.512	410.382	8.995	486.946	16.639	0.247	0.00548336
IPI:IPI00021812.2	72,382.333	1,866.959	-0.189	0.00284281	1205	66,196.600	65,620.700	65,651.900	60,853.000	60,861.600	60,420.800	65,823.067	323.865	60,711.800	252.050	-0.117	0.00004345
IPI:IPI00021828.1	527.396	30.478	0.356	0.01468154	5	319.954	277.979	312.448	109.469	121.152	114.815	303.460	22.384	115.145	5.849	-1.398	0.00293197
IPI:IPI00021831.1	625.865	32.014	-0.101	0.15939306	9	376.989	395.490	382.410	277.536	275.228	276.402	384.963	9.511	276.389	1.154	-0.478	0.00226040
IPI:IPI00021834.1	0.000	0.000	n/a	n/a	2	87.592	93.773	95.300	99.569	96.332	98.957	92.222	4.082	98.286	1.720	0.092	0.10842740
IPI:IPI00021840.1	1,335.970	24.985	-0.263	0.00058889	19	559.251	544.893	565.529	801.871	793.167	788.754	556.558	10.578	794.597	6.674	0.514	0.00002363
IPI:IPI00021842.1	0.000	0.000	n/a	n/a	6	226.320	204.517	244.479	252.300	298.297	263.645	225.105	20.009	271.414	23.962	0.270	0.06396678
IPI:IPI00021888.5	50.124	5.434	0.164	0.22221269	1	31.847	32.289	32.405	41.545	43.022	39.467	32.180	0.294	41.345	1.786	0.362	0.01081776
IPI:IPI00021907.2	21.274	2.555	-0.334	0.08233939	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021917.1	0.000	0.000	n/a	n/a	5	100.425	96.943	106.378	129.406	130.459	120.740	101.249	4.771	126.868	5.333	0.325	0.00358493
IPI:IPI00021924.1	255.216	36.594	0.153	0.39048393	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00021926.4	792.615	17.361	-0.069	0.06182717	22	1,024.440	1,032.260	1,029.910	999.842	993.915	975.544	1,028.870	4.012	989.767	12.669	-0.056	0.02465862
IPI:IPI00021944.1	0.000	0.000	n/a	n/a	2	85.470	80.290	79.168	109.397	120.337	112.058	81.643	3.362	113.931	5.705	0.481	0.00259875
IPI:IPI00021954.1	606.276	44.653	-0.090	0.30038116	6	326.555	343.237	316.469	532.510	454.536	516.020	328.754	13.519	501.022	41.094	0.608	0.01193604
IPI:IPI00021978.1	0.000	0.000	n/a	n/a	2	110.854	115.675	119.604	75.860	91.421	76.029	115.378	4.383	81.104	8.936	-0.509	0.01029331
IPI:IPI00021985.4	97.417	2.491	-0.199	0.07666967	9	227.778	229.056	228.404	255.335	257.352	253.973	228.413	0.639	255.553	1.700	0.162	0.00037093
IPI:IPI00022002.6	115.822	8.351	0.184	0.09070977	12	390.323	403.518	409.486	450.665	454.986	453.416	401.109	9.806	453.022	2.187	0.176	0.00905707
IPI:IPI00022007.1	46.411	1.599	0.342	0.00410301	3	70.097	62.198	65.711	88.649	83.083	88.103	66.002	3.957	86.612	3.068	0.392	0.00256410
IPI:IPI00022018.1	207.614	30.532	0.082	0.59728864	1	8.307	7.340	5.813	4.186	5.273	1.593	7.153	1.257	3.684	1.891	-0.958	0.06621415
IPI:IPI00022022.1	0.000	0.000	n/a	n/a	2	73.637	79.493	68.051	119.459	111.103	129.234	73.727	5.722	119.932	9.075	0.702	0.00330763

IPI:IPI00022033.6	RAB11FIP5	Rab11 family-interacting protein 5	7	338.599	316.636	339.770	321.472	361.169	337.095	331.668	13.032
IPI:IPI00022042.2	AVL9	Isoform 2 of Late secretory pathway protein AVL9 homolog	2	94.110	92.956	99.002	136.654	115.272	141.219	95.356	3.210
IPI:IPI00022043.1	TSC1	Hamartin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022058.3	ASAP2	Isoform 1 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2	1	26.412	25.552	24.489	29.311	22.338	30.390	25.484	0.963
IPI:IPI00022078.3	NDRG1	Protein NDRG1	5	253.983	282.403	272.546	356.245	328.542	357.473	269.644	14.431
IPI:IPI00022082.7	41525	Isoform 2 of Septin-8	4	270.409	267.552	280.081	233.534	253.178	247.537	272.681	6.566
IPI:IPI00022091.3	CDC16	Isoform 1 of Cell division cycle protein 16 homolog	6	506.196	519.143	534.016	485.654	515.510	530.886	519.785	13.921
IPI:IPI00022095.3	PEG10	Isoform RF1/RF2 of Retrotransposon-derived protein PEG10	1	15.597	20.823	24.650	18.115	16.727	16.375	20.357	4.545
IPI:IPI00022133.2	EPB41L2	4.1G protein	1	31.483	28.534	30.509	29.935	31.370	27.780	30.175	1.502
IPI:IPI00022143.3	FAM62A	Isoform 1 of Extended synaptotagmin-1	8	306.881	316.191	309.593	295.634	282.660	303.797	310.888	4.788
IPI:IPI00022145.6	NUCKS1	Isoform 1 of Nuclear ubiquitous casein and cyclin-dependent kinases substrate	10	411.742	447.403	386.113	449.582	381.672	424.124	415.086	30.782
IPI:IPI00022164.3	ARHGEF12	Isoform 1 of Rho guanine nucleotide exchange factor 12	3	145.722	149.725	155.650	105.131	107.952	100.295	150.366	4.995
IPI:IPI00022184.1	PUM2	Isoform 3 of Pumilio homolog 2	2	35.630	34.375	40.826	41.360	42.269	40.387	36.943	3.421
IPI:IPI00022200.3	COL6A3	Isoform 1 of Collagen alpha-3(VI) chain	37	2,922.370	2,929.040	2,912.230	3,268.850	3,201.860	3,269.350	2,921.213	8.464
IPI:IPI00022202.3	SLC25A3	Isoform A of Phosphate carrier protein, mitochondrial	9	666.778	700.224	615.661	473.969	452.653	475.757	660.888	42.588
IPI:IPI00022204.2	SERPINB3	Isoform 1 of Serpin B3	2	118.564	119.239	111.395	140.261	129.238	136.872	116.399	4.347
IPI:IPI00022215.1	ADNP	Activity-dependent neuroprotector homeobox protein	2	86.825	81.935	95.134	62.455	72.664	63.287	87.965	6.673
IPI:IPI00022228.2	HDLBP	Vigilin	54	4,220.150	4,069.870	4,203.060	3,592.720	3,761.960	3,710.320	4,164.360	82.276
IPI:IPI00022229.1	APOB	Apolipoprotein B-100	10	121.763	136.813	113.288	924.680	840.417	917.825	123.955	11.915
IPI:IPI00022239.7	METAP1	Methionine aminopeptidase 1	4	220.097	233.439	222.224	147.444	148.533	149.638	225.253	7.168
IPI:IPI00022240.3	ISCU	Isoform 1 of Iron-sulfur cluster assembly enzyme ISCU, mitochondrial	3	229.265	218.660	221.420	254.281	255.932	254.790	223.115	5.502
IPI:IPI00022254.4	ATG3	Isoform 1 of Autophagy-related protein 3	5	201.911	166.052	191.564	172.299	217.658	172.637	186.509	18.456
IPI:IPI00022256.3	AP2M1	Isoform 1 of AP-2 complex subunit mu-1	15	933.783	959.319	934.660	976.854	892.483	983.036	942.587	14.497
IPI:IPI00022265.3	CCDC22	Coiled-coil domain-containing protein 22	1	112.402	118.746	113.062	90.118	89.225	91.121	114.737	3.488
IPI:IPI00022275.6	SACM1L	Phosphatidylinositide phosphatase SAC1	6	413.579	365.929	384.026	434.870	438.685	397.724	387.845	24.053
IPI:IPI00022276.3	MRPS28	28S ribosomal protein S28, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022277.3	CCDC56	Coiled-coil domain-containing protein 56	1	82.083	74.120	88.649	15.333	19.075	18.820	81.618	7.276
IPI:IPI00022282.3	NR3C1	Isoform Alpha of Glucocorticoid receptor	3	95.028	94.042	95.596	95.441	106.833	100.705	94.889	0.787
IPI:IPI00022284.3	PRNP	Major prion protein	1	71.076	78.133	68.579	110.136	87.059	100.080	72.596	4.955
IPI:IPI00022305.4	BZW2	Basic leucine zipper and W2 domain-containing protein 2	6	453.753	469.795	458.623	348.431	364.680	358.795	460.724	8.225
IPI:IPI00022314.1	SOD2	Superoxide dismutase [Mn], mitochondrial	14	707.764	651.775	709.201	883.400	983.731	913.288	689.580	32.748
IPI:IPI00022316.3	MRPS18B	28S ribosomal protein S18b, mitochondrial	3	555.084	508.812	536.286	313.824	330.809	407.496	533.394	23.271
IPI:IPI00022317.3	C19orf53	Leydig cell tumor 10 kDa protein homolog	3	313.582	293.972	312.905	279.833	302.942	312.188	306.820	11.132
IPI:IPI00022320.1	MRPL42	28S ribosomal protein L42, mitochondrial	1	99.089	119.037	99.433	106.967	100.572	112.031	105.853	11.419
IPI:IPI00022334.1	OAT	Ornithine aminotransferase, mitochondrial	7	421.251	403.663	421.287	437.551	442.789	448.578	415.400	10.165
IPI:IPI00022348.2	PML	Isoform PML-1 of Probable transcription factor PML	8	645.040	632.559	637.196	567.396	615.486	608.870	638.265	6.309
IPI:IPI00022373.2	NOB1	RNA-binding protein NOB1	1	34.484	34.175	26.880	40.721	34.214	35.396	31.846	4.304
IPI:IPI00022386.2	TXNDC9	Thioredoxin domain-containing protein 9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022403.1	MRPL13	39S ribosomal protein L13, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022418.1	FN1	Isoform 1 of Fibronectin	37	1,827.960	1,744.880	1,768.310	2,572.390	2,574.570	2,551.610	1,780.383	42.836
IPI:IPI00022421.2	COX7A2L	Cytochrome c oxidase subunit 7A-related protein, mitochondrial	2	213.301	182.046	207.060	215.976	225.187	222.390	200.802	16.540
IPI:IPI00022431.2	AHSG	cDNA FLJ55606, highly similar to Alpha-2-HS-glycoprotein	3	71.576	68.161	73.878	276.180	298.530	274.106	71.205	2.877
IPI:IPI00022433.5	HSPB6	Heat shock protein beta-6	2	91.110	91.648	96.861	97.928	110.596	108.248	93.206	3.176
IPI:IPI00022434.4	ALB	Putative uncharacterized protein ALB	5	98.634	94.743	92.287	321.675	288.884	318.815	95.222	3.200
IPI:IPI00022442.2	NDUFAB1	Acyl carrier protein, mitochondrial	4	314.333	341.353	336.373	329.781	311.354	294.656	330.686	14.380
IPI:IPI00022450.1	TBC1D5	TBC1 domain family member 5	3	201.243	197.677	205.910	217.970	230.902	225.679	201.610	4.129
IPI:IPI00022460.2	ZNF592	Zinc finger protein 592	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022462.2	TFRC	Transferrin receptor protein 1	13	696.146	744.748	673.149	968.868	894.400	983.204	704.681	36.555
IPI:IPI00022463.1	TF	Serotransferrin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022465.3	CIT	Isoform 1 of Citron Rho-interacting kinase	1	30.905	25.141	28.739	25.807	28.735	27.287	28.262	2.911
IPI:IPI00022477.1	BCL10	B-cell lymphoma/leukemia 10	1	70.171	102.657	69.429	100.664	62.832	93.409	80.752	18.974

IPI:IPI00022033.6	339.912	19.998	0.035	0.58775946	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022042.2	131.048	13.852	0.459	0.04079861	4	93.648	97.577	94.943	145.706	150.434	147.072	95.389	2.002	147.737	2.433	0.631	0.00001294
IPI:IPI00022043.1	0.000	0.000	n/a	n/a	1	25.497	27.668	23.790	45.442	48.045	41.429	25.651	1.943	44.972	3.333	0.810	0.00245110
IPI:IPI00022058.3	27.346	4.371	0.102	0.54127269	3	108.215	100.302	119.149	107.388	134.341	113.682	109.222	9.464	118.470	14.100	0.117	0.40684614
IPI:IPI00022078.3	347.420	16.360	0.366	0.00367772	1	92.435	80.756	95.889	24.143	28.609	25.161	89.694	7.930	25.971	2.340	-1.788	0.00289202
IPI:IPI00022082.7	244.750	10.114	-0.156	0.02158520	1	11.981	22.770	14.950	12.126	8.052	11.114	16.567	5.573	10.430	2.121	-0.668	0.18834244
IPI:IPI00022091.3	510.683	22.999	-0.025	0.59573045	4	104.523	89.979	96.625	125.970	139.737	127.045	97.042	7.281	130.917	7.657	0.432	0.00519279
IPI:IPI00022095.3	17.072	0.920	-0.254	0.33666096	1	22.431	24.958	26.171	59.140	49.902	57.403	24.520	1.908	55.482	4.910	1.178	0.00370341
IPI:IPI00022133.2	29.695	1.807	-0.023	0.74179879	1	85.249	94.865	88.202	55.292	77.054	59.241	89.439	4.926	63.862	11.594	-0.486	0.04616070
IPI:IPI00022143.3	294.030	10.659	-0.080	0.09466649	18	593.567	571.711	589.464	758.977	777.369	744.380	584.914	11.617	760.242	16.531	0.378	0.00022820
IPI:IPI00022145.6	418.459	34.308	0.012	0.90554324	5	188.040	172.685	196.208	107.179	141.686	124.234	185.644	11.943	124.366	17.254	-0.578	0.00976269
IPI:IPI00022164.3	104.459	3.872	-0.526	0.00032672	12	408.404	396.497	420.199	547.741	582.074	549.997	408.367	11.851	559.937	19.204	0.455	0.00082839
IPI:IPI00022184.1	41.338	0.941	0.162	0.14821107	3	191.398	203.846	208.145	234.077	221.984	226.902	201.130	8.698	227.654	6.082	0.179	0.01573910
IPI:IPI00022200.3	3,246.687	38.822	0.152	0.00339599	20	1,536.290	1,480.830	1,619.650	16.709	34.928	37.971	1,545.590	69.876	29.869	11.499	-5.693	0.00052997
IPI:IPI00022202.3	467.460	12.854	-0.500	0.01060499	11	465.662	446.420	479.905	390.051	475.902	408.814	463.996	16.805	424.922	45.135	-0.127	0.27069720
IPI:IPI00022204.2	135.457	5.646	0.219	0.01140099	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022215.1	66.135	5.669	-0.412	0.01318577	12	456.208	469.013	473.963	634.987	633.245	626.355	466.395	9.163	631.529	4.565	0.437	0.00011830
IPI:IPI00022228.2	3,688.333	86.736	-0.175	0.00235003	60	2,746.840	2,686.410	2,755.080	3,291.400	3,357.660	3,294.940	2,729.443	37.495	3,314.667	37.275	0.280	0.00004394
IPI:IPI00022229.1	894.307	46.796	2.851	0.00066972	1	19.769	23.294	18.765	55.767	43.477	54.355	20.609	2.379	51.200	6.725	1.313	0.00928967
IPI:IPI00022239.7	148.538	1.097	-0.601	0.00240871	14	422.463	439.432	441.176	462.061	469.692	444.020	434.357	10.337	458.591	13.183	0.078	0.06992534
IPI:IPI00022240.3	255.001	0.845	0.193	0.00861105	9	423.565	370.071	431.036	402.129	500.946	435.547	408.224	33.252	446.207	50.264	0.128	0.34537697
IPI:IPI00022254.4	187.531	26.091	0.008	0.95955820	9	304.695	271.195	313.270	395.358	444.562	382.079	296.387	22.234	407.333	32.918	0.459	0.01163689
IPI:IPI00022256.3	950.791	50.591	0.013	0.81031249	7	474.533	483.300	459.443	384.814	375.803	385.313	472.425	12.067	381.977	5.352	-0.307	0.00190043
IPI:IPI00022265.3	90.155	0.949	-0.348	0.00424160	1	47.608	42.819	43.300	121.546	123.840	117.484	44.576	2.637	120.957	3.219	1.440	0.00000847
IPI:IPI00022275.6	423.760	22.628	0.128	0.13304804	6	231.542	215.472	242.594	300.088	309.582	305.880	229.869	13.638	305.183	4.785	0.409	0.00584288
IPI:IPI00022276.3	0.000	0.000	n/a	n/a	2	53.643	53.010	48.832	36.965	29.676	39.323	51.828	2.614	35.321	5.029	-0.553	0.01497986
IPI:IPI00022277.3	17.743	2.090	-2.202	0.00242728	3	142.201	149.477	149.073	183.080	180.589	173.339	146.917	4.089	179.003	5.061	0.285	0.00125743
IPI:IPI00022282.3	100.993	5.701	0.090	0.20310007	9	233.141	246.529	229.807	303.055	288.988	303.176	236.492	8.850	298.406	8.157	0.335	0.00090414
IPI:IPI00022284.3	99.092	11.570	0.449	0.04207331	1	38.114	32.357	34.837	44.960	43.357	48.545	35.103	2.888	45.621	2.656	0.378	0.00987296
IPI:IPI00022305.4	357.302	8.227	-0.367	0.00010807	9	327.187	314.228	313.418	445.015	417.233	422.923	318.278	7.726	428.390	14.676	0.429	0.00135091
IPI:IPI00022314.1	926.806	51.513	0.427	0.00450891	56	2,715.460	2,725.130	2,737.790	2,445.300	2,459.370	2,489.150	2,726.127	11.198	2,464.607	22.389	-0.145	0.00042225
IPI:IPI00022316.3	350.710	49.906	-0.605	0.01227281	4	295.493	275.914	312.362	180.055	211.522	187.261	294.590	18.241	192.946	16.486	-0.611	0.00210066
IPI:IPI00022317.3	298.321	16.665	-0.041	0.50907671	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022320.1	106.523	5.742	0.009	0.93457983	4	389.964	443.598	369.179	181.665	150.005	171.625	400.914	38.399	167.765	16.179	-1.257	0.00363547
IPI:IPI00022334.1	442.973	5.516	0.093	0.02453219	26	871.312	902.894	883.238	915.276	842.375	903.731	885.815	15.948	887.127	39.184	0.002	0.96107832
IPI:IPI00022348.2	597.251	26.066	-0.096	0.10523994	16	695.142	685.227	684.806	627.711	623.569	627.599	688.392	5.850	626.293	2.360	-0.136	0.00090959
IPI:IPI00022373.2	36.777	3.466	0.208	0.20033589	1	16.082	13.558	14.923	16.099	16.484	15.307	14.854	1.263	15.963	0.600	0.104	0.26778916
IPI:IPI00022386.2	0.000	0.000	n/a	n/a	6	254.523	267.934	249.274	405.570	382.043	412.644	257.244	9.623	400.086	16.021	0.637	0.00058868
IPI:IPI00022403.1	0.000	0.000	n/a	n/a	6	153.706	196.457	148.939	180.137	122.434	168.577	166.367	26.167	157.049	30.530	-0.083	0.71198296
IPI:IPI00022418.1	2,566.190	12.674	0.527	0.00042042	38	2,356.210	2,402.580	2,376.350	96.696	141.105	141.858	2,378.380	23.252	126.553	25.859	-4.232	0.00000011
IPI:IPI00022421.2	221.184	4.722	0.139	0.15882475	3	347.856	301.208	315.260	494.934	495.454	491.096	321.441	23.930	493.828	2.380	0.619	0.00596748
IPI:IPI00022431.2	282.939	13.542	1.990	0.00089716	2	27.234	34.050	21.036	101.460	68.070	89.627	27.440	6.510	86.386	16.929	1.655	0.01644516
IPI:IPI00022433.5	105.591	6.739	0.180	0.06778884	1	86.361	86.965	84.142	0.000	0.079	0.000	85.823	1.486	0.026	0.046	-11.670	0.00009935
IPI:IPI00022434.4	309.791	18.163	1.702	0.00184996	1	41.744	37.732	45.233	56.709	69.105	56.125	41.570	3.754	60.646	7.331	0.545	0.02813687
IPI:IPI00022442.2	311.930	17.570	-0.084	0.22845325	11	673.418	645.103	677.630	346.710	379.772	364.283	665.384	17.689	363.588	16.542	-0.872	0.00002838
IPI:IPI00022450.1	224.850	6.506	0.157	0.01002348	1	63.498	59.316	69.772	52.765	67.089	60.138	64.195	5.263	59.997	7.163	-0.098	0.46343442
IPI:IPI00022460.2	0.000	0.000	n/a	n/a	4	112.408	112.909	119.743	160.133	155.275	160.420	115.020	4.098	158.609	2.891	0.464	0.00022378
IPI:IPI00022462.2	948.824	47.675	0.429	0.00276773	55	2,771.360	2,659.650	2,718.150	3,064.640	3,102.990	3,102.540	2,716.387	55.876	3,090.057	22.013	0.186	0.00312518
IPI:IPI00022463.1	0.000	0.000	n/a	n/a	2	59.947	63.245	55.011	176.104	144.680	158.619	59.401	4.144	159.801	15.745	1.428	0.00543405
IPI:IPI00022465.3	27.276	1.464	-0.051	0.63723920	3	46.578	45.901	47.290	61.644	55.945	57.179	46.589	0.695	58.256	2.998	0.322	0.01722506
IPI:IPI00022477.1	85.635	20.078	0.085	0.77513412	3	82.674	78.747	87.831	78.253	84.247	86.586	83.084	4.556	83.029	4.298	-0.001	0.98937955

IPI:IPI00022479.6	HERC1	Probable E3 ubiquitin-protein ligase HERC1	2	25.337	25.798	26.079	30.124	30.803	29.527	25.738	0.375
IPI:IPI00022498.1	MT2A	Metallothionein-2	6	314.601	364.287	281.604	385.903	323.153	390.674	320.164	41.621
IPI:IPI00022536.1	RPS6KA4	Isoform 1 of Ribosomal protein S6 kinase alpha-4	1	39.165	31.445	38.402	32.466	35.361	32.618	36.337	4.254
IPI:IPI00022542.1	ROCK1	Rho-associated protein kinase 1	13	1,021.090	940.526	1,019.520	873.021	915.328	916.908	993.712	46.067
IPI:IPI00022543.4	PIGK	GPI-anchor transamidase	1	10.630	13.278	7.670	14.031	7.645	13.241	10.526	2.806
IPI:IPI00022558.2	MPZL1	Isoform 1 of Myelin protein zero-like protein 1	3	136.525	109.372	134.762	286.780	336.240	304.603	126.886	15.193
IPI:IPI00022585.2	AKAP1	cDNA FLJ56047, highly similar to A kinase anchor protein 1, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022597.1	UBE2M	NEDD8-conjugating enzyme Ubc12	8	759.196	709.473	745.052	738.914	787.853	750.195	737.907	25.620
IPI:IPI00022613.4	NOP14	Isoform 1 of Nucleolar protein 14	4	217.402	205.845	221.826	196.604	228.299	205.201	215.024	8.252
IPI:IPI00022624.1	GPRC5A	Retinoic acid-induced protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022629.6	PRC1	Isoform 1 of Protein regulator of cytokinesis 1	1	70.624	73.661	71.448	43.016	44.773	50.057	71.911	1.571
IPI:IPI00022648.2	EIF5	Eukaryotic translation initiation factor 5	21	1,456.990	1,454.390	1,469.740	1,329.230	1,300.200	1,345.910	1,460.373	8.215
IPI:IPI00022649.3	SLC12A2	Isoform 1 of Solute carrier family 12 member 2	7	543.759	592.209	547.325	677.317	620.262	651.029	561.098	27.002
IPI:IPI00022661.3	PVRL2	Isoform Delta of Poliovirus receptor-related protein 2	6	382.484	368.160	379.604	435.267	431.367	452.439	376.749	7.577
IPI:IPI00022664.3	RABGGTA	Geranylgeranyl transferase type-2 subunit alpha	4	247.851	254.599	244.463	286.987	265.906	292.020	248.971	5.160
IPI:IPI00022674.2	OSMR	Isoform 1 of Oncostatin-M specific receptor subunit beta	4	96.300	86.011	90.917	276.172	284.585	277.603	91.076	5.146
IPI:IPI00022694.3	PSMD4	Isoform Rpn10A of 26S proteasome non-ATPase regulatory subunit 4	3	257.016	251.526	250.894	200.497	210.389	209.568	253.145	3.367
IPI:IPI00022697.3	DRG2	Developmentally-regulated GTP-binding protein 2	5	584.742	580.013	594.719	622.656	647.932	631.151	586.491	7.507
IPI:IPI00022730.1	NR1H2	Oxysterols receptor LXR-beta	1	73.350	80.367	83.454	82.265	74.336	74.871	79.057	5.178
IPI:IPI00022744.5	CSE1L	Isoform 1 of Exportin-2	15	1,228.930	1,268.560	1,147.520	1,173.140	1,118.500	1,187.990	1,215.003	61.710
IPI:IPI00022745.1	MVD	Diphosphomevalonate decarboxylase	2	73.802	82.383	65.788	124.251	107.030	132.548	73.991	8.299
IPI:IPI00022758.3	GAN	Gigaxonin	2	48.528	43.414	42.449	70.313	64.337	68.984	44.797	3.267
IPI:IPI00022774.3	VCP	Transitional endoplasmic reticulum ATPase	52	2,899.730	2,998.200	2,878.800	2,839.400	2,744.000	2,831.360	2,925.577	63.758
IPI:IPI00022790.2	MFAP1	Microfibrillar-associated protein 1	3	131.435	145.078	127.321	133.590	115.553	133.411	134.611	9.295
IPI:IPI00022793.5	HADHB	Trifunctional enzyme subunit beta, mitochondrial	18	1,561.290	1,531.660	1,566.960	1,663.190	1,675.800	1,716.210	1,553.303	18.957
IPI:IPI00022810.1	CTSC	Dipeptidyl-peptidase 1	4	186.621	209.730	171.591	160.477	135.224	159.189	189.314	19.212
IPI:IPI00022820.1	GTF2B	Transcription initiation factor IIB	1	94.999	125.170	88.593	112.610	86.043	110.405	102.921	19.533
IPI:IPI00022822.5	COL18A1	Isoform 2 of Collagen alpha-1(XVIII) chain	1	49.956	110.290	45.919	165.753	53.258	140.980	68.722	36.056
IPI:IPI00022830.3	NSFL1C	Isoform 2 of NSFL1 cofactor p47	7	355.370	348.743	356.566	358.366	363.822	365.107	353.560	4.214
IPI:IPI00022865.1	CCNA2	Cyclin-A2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022881.1	CLTCL1	Isoform 1 of Clathrin heavy chain 2	1	73.046	67.745	62.996	73.035	89.785	79.640	67.929	5.027
IPI:IPI00022883.1	AP3M2	AP-3 complex subunit mu-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022891.3	SLC25A4	ADP/ATP translocase 1	3	308.441	320.935	283.352	240.536	447.147	186.040	304.243	19.140
IPI:IPI00022904.5	PPP4R2	55 kDa protein	1	58.734	60.166	55.687	56.359	51.755	57.554	58.196	2.288
IPI:IPI00022959.1	PVRL3	Isoform 1 of Poliovirus receptor-related protein 3	2	58.541	47.234	55.229	64.058	70.559	68.697	53.668	5.813
IPI:IPI00022963.3	SYF2	Pre-mRNA-splicing factor SYF2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00022977.1	CKB	Creatine kinase B-type	4	155.746	169.406	158.827	176.628	148.132	170.131	161.326	7.165
IPI:IPI00023001.2	FAM162A	UPF0389 protein FAM162A	2	115.374	100.891	121.621	117.118	123.649	119.927	112.629	10.634
IPI:IPI00023004.7	EIF1AY	Eukaryotic translation initiation factor 1A, Y-chromosomal	1	24.441	26.143	28.309	28.377	27.452	25.491	26.298	1.939
IPI:IPI00023026.5	WDR91	Putative uncharacterized protein WDR91	1	42.962	39.252	45.907	48.966	51.845	50.307	42.707	3.335
IPI:IPI00023029.1	IDH1	NADP+-specific isocitrate dehydrogenase (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023030.4	SLC38A1	Sodium-coupled neutral amino acid transporter 1	2	66.285	68.420	64.173	107.726	104.134	104.624	66.293	2.124
IPI:IPI00023035.2	SLC20A1	Sodium-dependent phosphate transporter 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023048.4	EEF1D	Elongation factor 1-delta	8	542.292	632.880	567.974	656.241	547.462	620.936	581.049	46.688
IPI:IPI00023064.1	NDUFAF4	Protein HRPAP20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023086.3	MRPL15	39S ribosomal protein L15, mitochondrial	3	226.288	212.889	227.891	202.811	210.102	204.261	222.356	8.238
IPI:IPI00023097.1	PBRM1	Isoform 5 of Protein polybromo-1	2	209.529	178.110	214.043	189.359	217.118	205.643	200.561	19.573
IPI:IPI00023098.1	FOXP1	Isoform 1 of Forkhead box protein P1	1	45.426	49.852	49.883	42.277	37.995	43.307	48.387	2.564
IPI:IPI00023101.1	RQCD1	Cell differentiation protein RCD1 homolog	1	58.673	61.184	57.613	61.827	63.675	64.898	59.156	1.834
IPI:IPI00023103.1	DVL2	Segment polarity protein dishevelled homolog DVL-2	1	51.308	42.286	44.971	56.387	70.361	65.684	46.188	4.632
IPI:IPI00023109.2	CHD2	Isoform 2 of Chromodomain-helicase-DNA-binding protein 2	1	71.586	80.448	75.070	110.717	89.382	108.861	75.701	4.465
IPI:IPI00023122.1	PDLIM7	Isoform 1 of PDZ and LIM domain protein 7	25	1,879.730	1,839.000	1,917.730	2,047.110	2,087.810	2,029.590	1,878.820	39.373
IPI:IPI00023126.1	WDR46	WD repeat-containing protein 46	1	49.627	49.997	50.985	36.383	32.040	37.382	50.203	0.702

IPI:IPI00022479.6	30.151	0.638	0.228	0.00139855	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022498.1	366.577	37.682	0.195	0.22620140	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022536.1	33.482	1.630	-0.118	0.36940862	1	29.133	29.607	29.529	27.110	25.081	31.477	29.423	0.254	27.889	3.269	-0.077	0.50267533
IPI:IPI00022542.1	901.752	24.895	-0.140	0.05401312	19	517.821	567.893	530.399	758.716	709.317	749.904	538.704	26.049	739.312	26.348	0.457	0.00072079
IPI:IPI00022543.4	11.639	3.482	0.145	0.68988075	3	157.958	162.535	156.416	168.367	188.200	169.081	158.970	3.182	175.216	11.250	0.140	0.12074119
IPI:IPI00022558.2	309.208	25.049	1.285	0.00110849	3	133.038	117.042	121.902	142.987	160.099	138.326	123.994	8.201	147.137	11.465	0.247	0.05264976
IPI:IPI00022585.2	0.000	0.000	n/a	n/a	1	65.283	64.427	59.608	95.344	71.205	84.461	63.106	3.059	83.670	12.089	0.407	0.09052618
IPI:IPI00022597.1	758.987	25.627	0.041	0.37125512	10	1,074.020	1,168.730	1,036.440	1,278.660	1,128.290	1,222.410	1,093.063	68.170	1,209.787	75.976	0.146	0.11956825
IPI:IPI00022613.4	210.035	16.391	-0.034	0.67040020	16	597.750	599.067	597.607	605.097	609.368	599.435	598.141	0.805	604.633	4.983	0.016	0.15001401
IPI:IPI00022624.1	0.000	0.000	n/a	n/a	12	521.732	495.350	538.757	427.970	452.865	423.944	518.613	21.871	434.926	15.665	-0.254	0.00757362
IPI:IPI00022629.6	45.949	3.665	-0.646	0.00235405	4	183.192	176.927	179.579	243.075	245.877	239.668	179.899	3.145	242.873	3.109	0.433	0.00001616
IPI:IPI00022648.2	1,325.113	23.131	-0.140	0.00501816	23	1,215.330	1,338.060	1,225.290	1,321.610	1,221.640	1,291.860	1,259.560	68.165	1,278.370	51.332	0.021	0.72463910
IPI:IPI00022649.3	649.536	28.557	0.211	0.01769146	3	131.329	140.687	124.501	173.454	154.266	173.549	132.172	8.126	167.090	11.106	0.338	0.01424757
IPI:IPI00022661.3	439.691	11.211	0.223	0.00219830	8	197.808	222.124	204.052	283.671	285.862	287.081	207.995	12.628	285.538	1.728	0.457	0.00783113
IPI:IPI00022664.3	281.638	13.854	0.178	0.04181528	4	112.750	113.379	119.573	129.487	134.321	136.144	115.234	3.771	133.317	3.440	0.210	0.00368541
IPI:IPI00022674.2	279.453	4.501	1.617	0.00000158	6	195.472	207.601	215.486	340.091	345.860	331.723	206.186	10.082	339.225	7.108	0.718	0.00010419
IPI:IPI00022694.3	206.818	5.490	-0.292	0.00067331	11	224.763	233.996	222.125	281.944	268.003	266.669	226.961	6.233	272.205	8.460	0.262	0.00239597
IPI:IPI00022697.3	633.913	12.862	0.112	0.00971758	1	29.923	29.918	31.498	55.474	54.605	52.493	30.446	0.910	54.191	1.533	0.832	0.00010242
IPI:IPI00022730.1	77.157	4.431	-0.035	0.65551800	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022744.5	1,159.877	36.594	-0.067	0.26907325	25	1,446.470	1,567.010	1,427.720	1,410.350	1,378.800	1,405.720	1,480.400	75.590	1,398.290	17.037	-0.082	0.19611137
IPI:IPI00022745.1	121.276	13.016	0.713	0.00950547	7	162.979	173.615	163.687	206.823	201.361	205.922	166.760	5.947	204.702	2.928	0.296	0.00246776
IPI:IPI00022758.3	67.878	3.137	0.600	0.00092811	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022774.3	2,804.920	52.911	-0.061	0.06729498	98	3,907.260	3,969.100	3,895.280	4,710.610	4,569.100	4,630.300	3,923.880	39.617	4,636.670	70.970	0.241	0.00048612
IPI:IPI00022790.2	127.518	10.362	-0.078	0.42785721	10	245.426	237.884	254.222	278.050	292.583	270.241	245.844	8.177	280.291	11.338	0.189	0.01589863
IPI:IPI00022793.5	1,685.067	27.698	0.117	0.00378536	49	1,968.900	2,044.200	2,025.580	1,755.310	1,705.420	1,745.160	2,012.893	39.220	1,735.297	26.367	-0.214	0.00101309
IPI:IPI00022810.1	151.630	14.223	-0.320	0.05749110	2	71.606	59.617	80.472	28.522	36.899	32.696	70.565	10.467	32.706	4.188	-1.109	0.01451040
IPI:IPI00022820.1	103.019	14.743	0.001	0.99480778	3	142.142	124.433	137.610	157.438	190.764	168.058	134.728	9.199	172.087	17.024	0.353	0.04269770
IPI:IPI00022822.5	119.997	59.110	0.804	0.28216970	1	77.640	69.648	79.193	44.916	60.918	50.742	75.494	5.122	52.192	8.099	-0.533	0.01932247
IPI:IPI00022830.3	362.432	3.579	0.036	0.05152239	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022865.1	0.000	0.000	n/a	n/a	2	19.794	18.270	21.823	20.439	23.677	22.709	19.962	1.783	22.275	1.662	0.158	0.17604848
IPI:IPI00022881.1	80.820	8.437	0.251	0.10062710	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022883.1	0.000	0.000	n/a	n/a	1	58.650	55.034	57.055	48.692	63.438	50.884	56.913	1.812	54.338	7.957	-0.067	0.63577483
IPI:IPI00022891.3	291.241	137.741	-0.063	0.88593120	1	70.132	55.810	64.983	29.705	39.764	34.701	63.642	7.255	34.723	5.029	-0.874	0.00670794
IPI:IPI00022904.5	55.222	3.062	-0.076	0.25454207	5	287.058	306.692	268.849	379.149	324.902	390.479	287.533	18.926	364.843	35.051	0.344	0.04215349
IPI:IPI00022959.1	67.772	3.348	0.337	0.03234578	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00022963.3	0.000	0.000	n/a	n/a	4	128.169	136.038	123.261	210.608	173.029	217.885	129.156	6.445	200.507	24.073	0.635	0.02908935
IPI:IPI00022977.1	164.964	14.934	0.032	0.73071940	34	1,136.790	1,221.120	1,189.170	1,169.000	1,122.730	1,154.360	1,182.360	42.575	1,148.697	23.649	-0.042	0.31616053
IPI:IPI00023001.2	120.231	3.276	0.094	0.34155886	1	4.700	4.684	4.581	1.524	3.708	0.000	4.655	0.065	1.744	1.864	-1.416	0.11365523
IPI:IPI00023004.7	27.107	1.474	0.044	0.59887506	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023026.5	50.373	1.440	0.238	0.04155280	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023029.1	0.000	0.000	n/a	n/a	1	1.783	0.000	2.348	0.000	0.000	2.574	1.377	1.225	0.858	1.486	-0.682	0.66669959
IPI:IPI00023030.4	105.495	1.948	0.670	0.00002046	1	13.366	15.372	14.568	8.954	9.705	9.799	14.435	1.009	9.486	0.463	-0.606	0.00569322
IPI:IPI00023035.2	0.000	0.000	n/a	n/a	1	30.421	32.721	35.751	55.414	45.920	50.523	32.964	2.674	50.619	4.748	0.619	0.00978313
IPI:IPI00023048.4	608.213	55.494	0.066	0.55315660	11	497.126	498.169	520.632	409.776	410.053	406.272	505.309	13.280	408.700	2.108	-0.306	0.00530374
IPI:IPI00023064.1	0.000	0.000	n/a	n/a	5	234.514	266.348	233.111	245.222	202.701	236.333	244.658	18.797	228.085	22.428	-0.101	0.38553194
IPI:IPI00023086.3	205.725	3.860	-0.112	0.05464460	3	163.852	157.951	157.750	181.979	190.489	179.247	159.851	3.466	183.905	5.863	0.202	0.00697233
IPI:IPI00023097.1	204.040	13.949	0.025	0.81617777	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023098.1	41.193	2.817	-0.232	0.03125228	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023101.1	63.467	1.546	0.101	0.03722016	1	41.931	56.729	41.272	35.100	25.535	35.117	46.644	8.740	31.917	5.527	-0.547	0.08084478
IPI:IPI00023103.1	64.144	7.113	0.474	0.02799763	1	86.799	81.773	83.145	100.726	113.140	101.513	83.906	2.598	105.126	6.951	0.325	0.02301648
IPI:IPI00023109.2	102.987	11.818	0.444	0.04357462	2	44.302	42.745	45.955	51.668	55.023	55.048	44.334	1.605	53.913	1.944	0.282	0.00312273
IPI:IPI00023122.1	2,054.837	29.869	0.129	0.00441604	21	1,317.840	1,379.700	1,307.120	862.030	806.626	856.848	1,334.887	39.178	841.835	30.601	-0.665	0.00010127
IPI:IPI00023126.1	35.268	2.840	-0.509	0.00870095	4	273.786	261.822	261.238	331.673	332.625	321.478	265.615	7.082	328.592	6.179	0.307	0.00034928

IPI:IPI00023137.1	TOR1B	Torsin-1B	5	340.184	344.342	345.063	386.256	411.231	396.366	343.196	2.634
IPI:IPI00023161.1	MRPL46	39S ribosomal protein L46, mitochondrial	2	11.385	10.700	11.609	12.946	7.816	11.107	11.231	0.474
IPI:IPI00023162.3	GNE	Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023177.4	CHAF1A	Isoform 1 of Chromatin assembly factor 1 subunit A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023186.5	TOM1L1	TOM1-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023191.5	TOM1	cDNA FLJ54710, highly similar to Target of Myb protein 1	2	77.269	79.944	63.800	105.664	109.335	106.028	73.671	8.653
IPI:IPI00023234.3	UBA2	SUMO-activating enzyme subunit 2	16	1,538.650	1,433.940	1,524.430	1,399.580	1,493.490	1,418.160	1,499.007	56.796
IPI:IPI00023283.3	TTN	Isoform 2 of Titin	2	81.734	159.332	75.908	150.281	208.370	87.613	105.658	46.574
IPI:IPI00023322.1	DPF2	Zinc finger protein ubi-d4	4	128.921	129.432	124.091	95.531	94.627	102.442	127.481	2.947
IPI:IPI00023330.3	KIAA1468	Isoform 2 of LisH domain and HEAT repeat-containing protein KIAA1468	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023339.2	CREBBP	CREB-binding protein	1	20.098	18.271	19.989	19.094	21.316	22.418	19.453	1.024
IPI:IPI00023344.2	SYMPK	Isoform 1 of Symplekin	2	65.028	58.286	65.264	58.490	66.143	67.617	62.859	3.962
IPI:IPI00023359.1	MCAT	Isoform 1 of Malonyl CoA-acyl carrier protein transacylase, mitochondrial	1	11.075	8.851	10.230	12.113	10.688	12.647	10.052	1.123
IPI:IPI00023406.1	HCCS	Cytochrome c-type heme lyase	3	267.262	323.934	245.339	299.188	215.699	286.032	278.845	40.558
IPI:IPI00023409.1	UPF3B	Isoform 1 of Regulator of nonsense transcripts 3B	1	8.003	8.812	10.667	8.828	9.231	10.999	9.161	1.366
IPI:IPI00023410.3	ITGA8	Integrin alpha-8	1	20.257	24.712	17.954	30.036	21.027	30.134	20.974	3.436
IPI:IPI00023461.2	MLLT4	Isoform 4 of Afadin	5	212.390	220.502	217.865	182.495	199.578	186.462	216.919	4.138
IPI:IPI00023484.1	FADS2	Isoform 2 of Fatty acid desaturase 2	1	51.531	55.265	51.338	97.345	89.322	82.600	52.711	2.213
IPI:IPI00023510.1	RAB5A	Ras-related protein Rab-5A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023526.4	RAB6A	Isoform 1 of Ras-related protein Rab-6A	5	314.224	292.208	281.388	411.991	423.344	423.671	295.940	16.733
IPI:IPI00023529.1	CDK6	Cell division protein kinase 6	1	172.001	157.243	163.643	160.252	188.496	173.083	164.296	7.401
IPI:IPI00023530.7	CDK5	Cell division protein kinase 5	1	34.807	38.768	35.398	44.575	36.631	41.267	36.324	2.137
IPI:IPI00023532.9	LOC26010	cDNA FLJ59751, weakly similar to Mus musculus spermatogenesis associated, serine-rich 2 (Spats2), mRNA	11	1,176.970	1,043.540	1,186.800	967.152	1,147.080	1,039.090	1,135.770	80.025
IPI:IPI00023542.6	TMED9	Transmembrane emp24 domain-containing protein 9	7	298.373	285.529	295.188	187.630	196.924	198.809	293.030	6.688
IPI:IPI00023555.1	OSBPL3	Isoform 1a of Oxysterol-binding protein-related protein 3	6	380.403	391.390	374.727	461.950	471.524	466.482	382.173	8.471
IPI:IPI00023556.3	SSU72	Isoform 1 of RNA polymerase II subunit A C-terminal domain phosphatase SSU72	1	106.675	120.026	103.652	115.038	97.477	121.342	110.118	8.713
IPI:IPI00023586.6	SENP6	Isoform 1 of Sentrin-specific protease 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023591.1	PURA	Transcriptional activator protein Pur-alpha	7	401.328	400.912	398.940	431.920	442.293	430.504	400.393	1.276
IPI:IPI00023601.1	HAPLN1	Hyaluronan and proteoglycan link protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023605.1	CDC42EP1	Isoform 1 of Cdc42 effector protein 1	3	138.067	138.335	142.242	133.857	141.817	137.714	139.548	2.337
IPI:IPI00023630.4	APAF1	Isoform 1 of Apoptotic protease-activating factor 1	3	74.673	70.586	75.268	79.818	79.327	81.307	73.509	2.549
IPI:IPI00023640.3	PDCD5	Programmed cell death protein 5	4	166.353	171.010	179.417	143.851	155.809	150.514	172.260	6.621
IPI:IPI00023647.4	UBA6	Isoform 1 of Ubiquitin-like modifier-activating enzyme 6	16	1,455.820	1,432.810	1,415.920	1,444.730	1,524.210	1,481.700	1,434.850	20.028
IPI:IPI00023649.3	SBNO1	Isoform 1 of Protein strawberry notch homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023673.1	LGALS3BP	Galectin-3-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023704.1	LPP	Lipoma-preferred partner	28	1,674.740	1,625.870	1,659.820	1,706.050	1,629.810	1,667.550	1,653.477	25.045
IPI:IPI00023711.1	EVPL	Envoplakin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023728.1	GGH	Gamma-glutamyl hydrolase	9	699.711	673.879	686.007	591.031	630.297	594.054	686.532	12.924
IPI:IPI00023729.1	FN3K	Fructosamine-3-kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023748.3	NACA	Nascent polypeptide-associated complex subunit alpha	10	678.301	683.965	672.553	558.177	529.595	573.649	678.273	5.706
IPI:IPI00023779.1	NIT1	Isoform 2 of Nitrilase homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023780.3	DNAJC5	Isoform 2 of DnaJ homolog subfamily C member 5	4	346.806	380.999	330.276	403.931	368.545	413.918	352.694	25.869
IPI:IPI00023785.7	DDX17	Isoform 1 of Probable ATP-dependent RNA helicase DDX17	5	515.015	542.586	500.837	579.664	496.112	558.383	519.479	21.230
IPI:IPI00023814.2	NEO1	Isoform 1 of Neogenin	1	0.000	1.641	0.000	6.538	4.971	5.661	0.547	0.947
IPI:IPI00023832.5	SH3PXD2B	SH3 and PX domain-containing protein 2B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023860.1	NAP1L1	Nucleosome assembly protein 1-like 1	18	971.466	974.738	1,002.580	994.835	1,030.810	1,003.370	982.928	17.098
IPI:IPI00023876.4	CASP6	Isoform Alpha of Caspase-6	1	3.200	3.939	2.993	5.547	5.830	6.147	3.377	0.497
IPI:IPI00023919.4	PSMC5	26S protease regulatory subunit 8	18	1,487.700	1,424.910	1,456.010	1,428.710	1,480.880	1,492.800	1,456.207	31.395
IPI:IPI00023939.1	RABIF	Guanine nucleotide exchange factor MSS4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00023972.5	DDX47	Probable ATP-dependent RNA helicase DDX47	2	46.364	49.907	45.669	45.188	41.803	49.723	47.313	2.273

IPI:IPI00023137.1	397.951	12.563	0.214	0.01412879	4	204.996	204.000	205.229	183.899	200.296	198.003	204.742	0.653	194.066	8.879	-0.077	0.17237031
IPI:IPI00023161.1	10.623	2.599	-0.080	0.72807968	8	259.265	261.534	261.354	213.874	236.655	211.430	260.718	1.261	220.653	13.912	-0.241	0.03702115
IPI:IPI00023162.3	0.000	0.000	n/a	n/a	8	279.623	310.068	277.554	438.692	381.570	421.237	289.082	18.204	413.833	29.272	0.518	0.00588463
IPI:IPI00023177.4	0.000	0.000	n/a	n/a	5	171.500	165.921	179.566	184.828	196.294	188.822	172.329	6.860	189.981	5.820	0.141	0.02846773
IPI:IPI00023186.5	0.000	0.000	n/a	n/a	3	101.952	112.120	100.908	138.872	120.716	134.749	104.993	6.194	131.446	9.518	0.324	0.02116535
IPI:IPI00023191.5	107.009	2.023	0.539	0.01757689	1	105.091	112.964	99.355	232.751	179.226	221.555	105.803	6.832	211.177	28.231	0.997	0.01854989
IPI:IPI00023234.3	1,437.077	49.731	-0.061	0.23003010	26	897.108	950.433	893.440	828.536	746.228	810.024	913.660	31.899	794.929	43.180	-0.201	0.02173185
IPI:IPI00023283.3	148.755	60.393	0.494	0.38671888	4	187.987	155.568	199.174	223.670	265.983	248.936	180.910	22.648	246.196	21.289	0.445	0.02216135
IPI:IPI00023322.1	97.533	4.275	-0.386	0.00102071	19	614.238	555.175	634.277	566.210	608.566	579.740	601.230	41.124	584.839	21.633	-0.040	0.58422094
IPI:IPI00023330.3	0.000	0.000	n/a	n/a	2	125.563	118.675	125.795	44.706	47.392	47.057	123.344	4.045	46.385	1.464	-1.411	0.00025869
IPI:IPI00023339.2	20.942	1.693	0.106	0.27652883	3	134.072	144.882	123.945	177.904	164.368	179.236	134.300	10.470	173.836	8.227	0.372	0.00785094
IPI:IPI00023344.2	64.083	4.900	0.028	0.75494499	7	162.681	168.806	150.657	249.856	235.575	251.937	160.715	9.233	245.789	8.907	0.613	0.00033136
IPI:IPI00023359.1	11.816	1.013	0.233	0.11447380	4	123.738	126.686	112.922	148.120	136.968	146.783	121.115	7.247	143.957	6.089	0.249	0.01480491
IPI:IPI00023406.1	266.973	44.889	-0.063	0.75161199	14	515.895	544.128	524.258	660.677	654.038	654.254	528.094	14.502	656.323	3.772	0.314	0.00263757
IPI:IPI00023409.1	9.686	1.155	0.080	0.63881170	5	122.436	149.915	125.009	144.966	107.755	134.588	132.453	15.177	129.103	19.202	-0.037	0.82557591
IPI:IPI00023410.3	27.065	5.230	0.368	0.17859657	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023461.2	189.512	8.941	-0.195	0.01964393	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023484.1	89.755	7.382	0.768	0.00846547	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023510.1	0.000	0.000	n/a	n/a	4	128.964	135.470	140.779	123.550	114.760	116.770	135.071	5.918	118.360	4.606	-0.191	0.02027552
IPI:IPI00023526.4	419.669	6.651	0.504	0.00237953	4	251.447	224.596	251.947	131.255	144.075	136.688	242.663	15.649	137.339	6.435	-0.821	0.00288044
IPI:IPI00023529.1	173.944	14.142	0.082	0.37161118	3	109.819	132.149	112.819	179.244	138.113	168.858	118.262	12.119	162.072	21.389	0.455	0.05019300
IPI:IPI00023530.7	40.824	3.990	0.169	0.18308625	3	52.896	72.122	49.802	89.766	63.453	80.396	58.273	12.092	77.872	13.337	0.418	0.13311646
IPI:IPI00023532.9	1,051.107	90.564	-0.112	0.29329634	19	742.888	760.529	737.550	928.529	890.871	905.095	746.989	12.026	908.165	19.016	0.282	0.00061800
IPI:IPI00023542.6	194.454	5.985	-0.592	0.00005115	18	488.825	555.619	491.733	483.730	446.632	484.934	512.059	37.752	471.765	21.774	-0.118	0.20216272
IPI:IPI00023555.1	466.652	4.789	0.288	0.00048256	1	4.288	5.981	5.033	2.248	2.895	2.584	5.100	0.848	2.575	0.324	-0.986	0.02412681
IPI:IPI00023556.3	111.286	12.367	0.015	0.90137905	3	123.922	118.707	119.086	153.912	163.885	156.315	120.572	2.908	158.037	5.205	0.390	0.00135480
IPI:IPI00023586.6	0.000	0.000	n/a	n/a	4	77.554	83.898	74.580	80.571	88.404	90.077	78.677	4.760	86.351	5.075	0.134	0.12911763
IPI:IPI00023591.1	434.906	6.437	0.119	0.00930375	4	194.892	212.210	203.322	170.401	161.528	168.199	203.475	8.660	166.709	4.620	-0.288	0.00704928
IPI:IPI00023601.1	0.000	0.000	n/a	n/a	1	29.467	36.703	29.570	39.128	30.343	36.888	31.913	4.148	35.453	4.565	0.152	0.37920349
IPI:IPI00023605.1	137.796	3.981	-0.018	0.55487963	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023630.4	80.150	1.031	0.125	0.03211685	1	19.490	16.742	19.855	11.269	12.579	11.478	18.696	1.702	11.775	0.704	-0.667	0.01048979
IPI:IPI00023640.3	150.058	5.992	-0.199	0.01285773	7	140.559	146.210	161.114	143.049	159.735	146.178	149.294	10.619	149.654	8.869	0.003	0.96761325
IPI:IPI00023647.4	1,483.547	39.772	0.048	0.15611269	23	792.996	803.366	799.440	966.926	917.700	939.375	798.601	5.236	941.334	24.671	0.237	0.00766847
IPI:IPI00023649.3	0.000	0.000	n/a	n/a	5	129.807	125.438	127.082	171.414	181.282	176.497	127.442	2.207	176.398	4.935	0.469	0.00087112
IPI:IPI00023673.1	0.000	0.000	n/a	n/a	5	207.895	198.259	209.170	201.274	200.171	213.268	205.108	5.966	204.904	7.264	-0.001	0.97233846
IPI:IPI00023704.1	1,667.803	38.121	0.012	0.62031067	11	326.177	377.733	358.797	307.659	282.402	297.002	354.236	26.079	295.688	12.680	-0.261	0.04187545
IPI:IPI00023711.1	0.000	0.000	n/a	n/a	31	1,092.930	1,060.900	1,101.640	1,492.730	1,549.210	1,510.600	1,085.157	21.454	1,517.513	28.868	0.484	0.00005852
IPI:IPI00023728.1	605.127	21.850	-0.182	0.00936735	4	184.340	217.127	182.865	123.706	109.250	122.217	194.777	19.369	118.391	7.951	-0.718	0.01145085
IPI:IPI00023729.1	0.000	0.000	n/a	n/a	4	218.198	245.046	227.690	366.371	314.426	348.426	230.311	13.615	343.074	26.383	0.575	0.00719875
IPI:IPI00023748.3	553.807	22.350	-0.292	0.00752564	10	412.788	451.627	430.632	499.903	478.002	498.075	431.682	19.441	491.993	12.151	0.189	0.01550524
IPI:IPI00023779.1	0.000	0.000	n/a	n/a	1	44.762	38.640	42.278	42.548	55.534	44.763	41.893	3.079	47.615	6.947	0.185	0.29041727
IPI:IPI00023780.3	395.465	23.842	0.165	0.10358171	1	60.002	51.146	62.307	40.097	47.275	39.851	57.818	5.892	42.408	4.217	-0.447	0.02511740
IPI:IPI00023785.7	544.720	43.419	0.068	0.43660669	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023814.2	5.723	0.785	3.387	0.00215895	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023832.5	0.000	0.000	n/a	n/a	7	235.850	217.677	225.339	223.314	219.206	221.350	226.289	9.124	221.290	2.055	-0.032	0.44459133
IPI:IPI00023860.1	1,009.672	18.797	0.039	0.14312528	74	1,845.970	1,950.520	1,726.750	2,295.210	2,044.420	2,276.150	1,841.080	111.965	2,205.260	139.617	0.260	0.02631345
IPI:IPI00023876.4	5.842	0.300	0.790	0.00381790	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023919.4	1,467.463	34.086	0.011	0.69788476	33	2,130.050	2,155.350	2,100.470	2,052.150	1,959.480	2,005.880	2,128.623	27.468	2,005.837	46.335	-0.086	0.02498890
IPI:IPI00023939.1	0.000	0.000	n/a	n/a	3	65.510	72.405	66.403	109.992	110.735	117.749	68.106	3.750	112.825	4.280	0.728	0.00018792
IPI:IPI00023972.5	45.571	3.974	-0.054	0.55459936	3	117.036	120.411	127.046	128.592	130.550	129.423	121.498	5.093	129.522	0.983	0.092	0.10751469

IPI:IPI00023974.1	PTTG1IP	Pituitary tumor-transforming gene 1 protein-interacting protein	2	80.774	76.841	94.619	109.811	115.053	112.464	84.078	9.338
IPI:IPI00023978.4	RCAN1	Isoform 1 of Calcipressin-1	1	11.288	11.636	12.376	10.563	13.444	12.125	11.767	0.555
IPI:IPI00023987.5	PPCS	Phosphopantothenate--cysteine ligase	1	94.506	92.337	86.913	114.696	117.101	112.589	91.252	3.911
IPI:IPI00024006.3	PIK3R4	Phosphoinositide 3-kinase regulatory subunit 4	1	22.269	25.461	23.188	24.414	22.099	22.210	23.640	1.643
IPI:IPI00024024.4	SFRS17A	Isoform 1 of Splicing factor, arginine/serine-rich 17A	1	35.624	35.019	32.918	28.234	28.175	30.620	34.520	1.420
IPI:IPI00024067.4	CLTC	Isoform 1 of Clathrin heavy chain 1	66	3,598.830	3,796.470	3,687.110	3,773.540	3,743.250	3,688.250	3,694.137	99.007
IPI:IPI00024071.1	HSF1	Isoform Long of Heat shock factor protein 1	1	31.385	31.042	35.640	26.261	38.274	31.236	32.689	2.562
IPI:IPI00024095.3	ANXA3	Annexin A3	1	33.925	26.841	34.312	37.261	39.395	37.035	31.693	4.206
IPI:IPI00024097.3	TES	Isoform 1 of Testin	35	2,929.200	2,889.550	2,850.150	2,699.310	2,721.460	2,655.600	2,889.633	39.525
IPI:IPI00024107.1	SNCA	Isoform 1 of Alpha-synuclein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024128.1	RPL37P23	similar to ribosomal protein L37	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024129.1	PPIC	Peptidyl-prolyl cis-trans isomerase C	8	382.100	395.968	366.220	462.486	415.670	454.341	381.429	14.885
IPI:IPI00024143.4	AAAS	Aladin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024145.2	VDAC2	Isoform 2 of Voltage-dependent anion-selective channel protein 2	39	2,057.110	1,987.740	2,043.600	2,142.140	2,216.170	2,170.260	2,029.483	36.776
IPI:IPI00024157.1	FKBP3	FK506-binding protein 3	18	1,494.550	1,318.480	1,501.960	1,195.200	1,333.390	1,232.030	1,438.330	103.859
IPI:IPI00024163.1	POLR3A	DNA-directed RNA polymerase III subunit RPC1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024166.3	MRAS	Ras-related protein M-Ras	1	31.043	28.007	31.976	31.109	34.136	32.980	30.342	2.075
IPI:IPI00024167.1	ESF1	ESF1 homolog	1	25.665	30.833	27.213	26.560	25.234	27.420	27.904	2.652
IPI:IPI00024174.1	TSPAN4	Tetraspanin-4	1	25.195	24.596	29.152	47.314	52.498	46.401	26.314	2.476
IPI:IPI00024175.3	PSMA7	Isoform 1 of Proteasome subunit alpha type-7	9	731.683	709.300	694.000	815.138	835.263	833.312	711.661	18.952
IPI:IPI00024214.1	TERF2	Isoform 1 of Telomeric repeat-binding factor 2	2	77.636	65.286	76.485	70.242	75.945	73.679	73.136	6.822
IPI:IPI00024234.1	CDS1	Phosphatidate cytidylyltransferase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024235.1	BACH1	Transcription regulator protein BACH1	1	78.587	69.880	84.894	67.341	73.742	69.426	77.787	7.539
IPI:IPI00024254.3	IFIT3	Interferon-induced protein with tetratricopeptide repeats 3	3	33.104	38.523	33.898	82.103	68.398	82.559	35.175	2.927
IPI:IPI00024255.2	GPKOW	G patch domain and KOW motifs-containing protein	2	87.927	83.858	100.855	63.781	69.023	70.134	90.880	8.875
IPI:IPI00024266.3	MGST3	Microsomal glutathione S-transferase 3	1	48.635	40.494	40.820	42.965	50.834	47.760	43.316	4.609
IPI:IPI00024273.1	VLDLR	Isoform Long of Very low-density lipoprotein receptor	1	9.586	7.173	8.577	7.647	7.034	8.596	8.445	1.212
IPI:IPI00024279.4	HEATR1	HEAT repeat-containing protein 1	5	484.010	475.269	472.973	433.661	461.280	442.352	477.417	5.824
IPI:IPI00024281.1	SIP1	Isoform 1 of Survival of motor neuron protein-interacting protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024282.1	RAB8B	Ras-related protein Rab-8B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024283.2	WDFY1	WD repeat and FYVE domain-containing protein 1	3	129.246	121.935	124.304	152.603	154.633	158.798	125.162	3.730
IPI:IPI00024284.5	HSPG2	Basement membrane-specific heparan sulfate proteoglycan core protein	4	234.268	198.520	227.207	273.146	321.794	287.548	219.998	18.933
IPI:IPI00024299.4	SNUPN	cDNA FLJ30079 fis, clone BGGI12000544, highly similar to Snurportin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024305.1	SMAD3	Mothers against decapentaplegic homolog 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024307.1	EFNB1	Ephrin-B1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024317.1	GCDH	Isoform Long of Glutaryl-CoA dehydrogenase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024364.2	TNPO1	transportin 1 isoform 1	21	1,477.200	1,567.090	1,482.110	1,379.760	1,364.990	1,377.170	1,508.800	50.540
IPI:IPI00024381.1	CLP1	Polyribonucleotide 5'-hydroxyl-kinase Clp1	1	16.824	18.034	21.506	22.339	21.941	23.859	18.788	2.430
IPI:IPI00024401.4	USP13	Ubiquitin carboxyl-terminal hydrolase 13	1	12.867	12.259	15.047	11.002	13.836	13.287	13.391	1.466
IPI:IPI00024403.1	CPNE3	Copine-3	15	793.156	786.009	777.994	899.743	906.202	909.025	785.720	7.585
IPI:IPI00024414.1	CDC2L2	Isoform SV7 of PITSLRE serine/threonine-protein kinase CDC2L2	2	225.741	243.408	238.094	268.174	264.477	277.208	235.748	9.064
IPI:IPI00024417.1	HIP1R	Huntingtin-interacting protein 1-related protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024425.5	KIAA0664	Protein KIAA0664	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024462.3	DHODH	Dihydroorotate dehydrogenase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024466.2	UGCGL1	Isoform 1 of UDP-glucose:glycoprotein glucosyltransferase 1	34	2,464.900	2,596.320	2,429.230	2,641.640	2,462.700	2,617.310	2,496.817	87.999
IPI:IPI00024467.2	UGCGL2	UDP-glucose:glycoprotein glucosyltransferase 2	9	571.331	639.357	597.084	610.218	508.670	604.244	602.591	34.346
IPI:IPI00024497.5	TUFT1	Isoform 1 of Tuftelin	4	150.728	140.182	149.643	63.390	75.064	68.936	146.851	5.801
IPI:IPI00024502.2	UBQLN4	Ubiquilin-4	2	114.722	100.619	125.503	102.956	110.097	106.812	113.615	12.479
IPI:IPI00024523.2	DNAJB6	Isoform A of DnaJ homolog subfamily B member 6	3	163.283	153.369	161.970	153.126	146.921	154.462	159.541	5.385
IPI:IPI00024524.4	PNO1	RNA-binding protein PNO1	2	172.784	156.672	172.934	152.167	185.433	160.786	167.463	9.346
IPI:IPI00024539.1	PRKCE	Protein kinase C epsilon type	2	248.476	246.338	244.517	277.275	268.539	267.418	246.444	1.982
IPI:IPI00024540.3	SH3GLB2	Isoform 1 of Endophilin-B2	1	6.444	5.919	5.225	3.900	1.932	3.570	5.862	0.611
IPI:IPI00024547.1	MMADHC	Methylmalonic aciduria and homocystinuria type D protein, mitochondrial	1	43.650	36.722	42.045	38.976	38.649	39.342	40.806	3.626

IPI:IPI00023974.1	112.443	2.621	0.419	0.02709359	1	31.936	32.769	31.274	48.923	44.112	46.859	31.993	0.749	46.631	2.413	0.544	0.00529608
IPI:IPI00023978.4	12.044	1.442	0.034	0.77997393	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00023987.5	114.795	2.258	0.331	0.00221656	3	106.027	109.017	110.233	110.356	105.565	104.654	108.426	2.164	106.858	3.063	-0.021	0.51410075
IPI:IPI00024006.3	22.908	1.305	-0.045	0.57995658	8	175.794	182.679	168.376	190.472	189.248	197.052	175.616	7.153	192.257	4.197	0.131	0.03580256
IPI:IPI00024024.4	29.010	1.395	-0.251	0.00869338	2	75.170	73.862	71.723	106.509	104.203	107.959	73.585	1.740	106.224	1.894	0.530	0.00002726
IPI:IPI00024067.4	3,735.013	43.237	0.016	0.56390209	53	2,954.010	2,913.230	2,970.190	1,539.420	1,575.470	1,580.640	2,945.810	29.352	1,565.177	22.455	-0.912	0.00000088
IPI:IPI00024071.1	31.924	6.036	-0.034	0.85436437	1	11.349	10.832	13.381	14.073	10.729	13.032	11.854	1.348	12.611	1.711	0.089	0.58194821
IPI:IPI00024095.3	37.897	1.302	0.258	0.11475518	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024097.3	2,692.123	33.513	-0.102	0.00299408	25	1,536.420	1,546.270	1,474.010	1,851.320	1,728.330	1,831.630	1,518.900	39.187	1,803.760	66.062	0.248	0.00596636
IPI:IPI00024107.1	0.000	0.000	n/a	n/a	1	38.690	34.169	40.790	49.353	59.935	47.521	37.883	3.384	52.270	6.701	0.464	0.04603234
IPI:IPI00024128.1	0.000	0.000	n/a	n/a	1	0.000	3.554	3.305	0.000	0.007	0.000	2.286	1.984	0.002	0.004	-9.953	0.18486142
IPI:IPI00024129.1	444.166	25.012	0.220	0.02911634	3	117.629	87.556	99.150	20.795	23.659	27.334	101.445	15.167	23.929	3.278	-2.084	0.00990966
IPI:IPI00024143.4	0.000	0.000	n/a	n/a	5	109.071	108.287	110.554	138.142	134.065	138.110	109.304	1.151	136.772	2.345	0.323	0.00043241
IPI:IPI00024145.2	2,176.190	37.370	0.101	0.00837172	102	3,401.240	3,433.580	3,442.150	2,852.590	2,875.570	2,870.180	3,425.657	21.575	2,866.113	12.018	-0.257	0.00002566
IPI:IPI00024157.1	1,253.540	71.562	-0.198	0.07199975	29	1,283.420	1,279.260	1,311.910	1,350.460	1,314.480	1,312.340	1,291.530	17.772	1,325.760	21.418	0.038	0.10259493
IPI:IPI00024163.1	0.000	0.000	n/a	n/a	3	34.513	37.798	34.627	56.377	56.297	52.592	35.646	1.864	55.089	2.162	0.628	0.00033345
IPI:IPI00024166.3	32.742	1.527	0.110	0.18830091	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024167.1	26.404	1.102	-0.080	0.44005481	30	1,381.940	1,460.560	1,388.500	1,860.370	1,777.100	1,809.810	1,410.333	43.621	1,815.760	41.953	0.365	0.00031920
IPI:IPI00024174.1	48.738	3.289	0.889	0.00099603	1	34.175	27.095	36.563	12.236	17.708	12.651	32.611	4.924	14.198	3.047	-1.200	0.00886849
IPI:IPI00024175.3	827.904	11.099	0.218	0.00203557	11	638.513	668.182	648.082	648.756	612.648	654.626	651.592	15.143	638.677	22.732	-0.029	0.46653437
IPI:IPI00024214.1	73.289	2.871	0.003	0.97401846	1	40.393	39.011	40.016	40.926	51.186	44.465	39.807	0.715	45.526	5.212	0.194	0.19589390
IPI:IPI00024234.1	0.000	0.000	n/a	n/a	1	49.301	51.092	52.808	57.090	62.997	58.619	51.067	1.754	59.568	3.066	0.222	0.02237303
IPI:IPI00024235.1	70.170	3.264	-0.149	0.21620185	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024254.3	77.686	8.047	1.143	0.00626035	9	371.739	409.637	371.401	578.886	516.084	559.798	384.259	21.979	551.589	32.196	0.522	0.00281412
IPI:IPI00024255.2	67.646	3.393	-0.426	0.03254392	10	416.971	388.656	432.565	408.959	451.876	413.460	412.731	22.260	424.765	23.586	0.041	0.55657899
IPI:IPI00024266.3	47.186	3.966	0.123	0.33390697	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024273.1	7.759	0.787	-0.122	0.46486226	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024279.4	445.764	14.122	-0.099	0.04497726	5	241.793	238.743	237.008	224.709	222.722	222.084	239.181	2.422	223.172	1.369	-0.100	0.00172026
IPI:IPI00024281.1	0.000	0.000	n/a	n/a	1	54.962	58.561	44.784	60.169	47.573	53.636	52.769	7.145	53.793	6.299	0.028	0.86173118
IPI:IPI00024282.1	0.000	0.000	n/a	n/a	1	43.840	46.595	45.773	58.175	49.686	59.111	45.403	1.414	55.657	5.192	0.294	0.06728381
IPI:IPI00024283.2	155.345	3.158	0.312	0.00050148	5	52.756	55.838	57.034	44.489	53.701	44.632	55.209	2.207	47.607	5.278	-0.214	0.11620667
IPI:IPI00024284.5	294.163	24.989	0.419	0.01719934	7	305.519	302.446	303.835	206.323	204.946	205.821	303.933	1.539	205.697	0.697	-0.563	0.00000478
IPI:IPI00024299.4	0.000	0.000	n/a	n/a	2	30.442	41.328	43.989	48.070	61.268	50.697	38.586	7.178	53.345	6.986	0.467	0.06331296
IPI:IPI00024305.1	0.000	0.000	n/a	n/a	2	107.616	103.981	94.743	136.789	132.059	129.091	102.113	6.637	132.646	3.882	0.377	0.00496851
IPI:IPI00024307.1	0.000	0.000	n/a	n/a	1	15.336	20.163	15.557	22.222	18.808	18.684	17.018	2.725	19.905	2.008	0.226	0.22028026
IPI:IPI00024317.1	0.000	0.000	n/a	n/a	3	169.047	164.932	165.005	148.201	146.456	142.028	166.328	2.355	145.562	3.182	-0.192	0.00118977
IPI:IPI00024364.2	1,373.973	7.887	-0.135	0.04103841	12	439.489	431.468	442.964	295.983	311.371	294.083	437.974	5.896	300.479	9.480	-0.544	0.00010943
IPI:IPI00024381.1	22.713	1.012	0.274	0.09184757	1	16.653	20.754	17.176	25.612	25.142	26.274	18.194	2.232	25.676	0.569	0.497	0.02279155
IPI:IPI00024401.4	12.708	1.503	-0.075	0.60392134	1	27.822	43.261	27.941	91.717	56.947	82.436	33.008	8.879	77.033	18.004	1.223	0.03362306
IPI:IPI00024403.1	904.990	4.758	0.204	0.00008092	20	613.522	621.038	633.053	779.800	822.408	786.106	622.538	9.851	796.105	22.997	0.355	0.00198661
IPI:IPI00024414.1	269.953	6.549	0.195	0.00789919	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024417.1	0.000	0.000	n/a	n/a	3	80.724	75.031	81.296	87.424	89.183	87.090	79.017	3.464	87.899	1.125	0.154	0.03676196
IPI:IPI00024425.5	0.000	0.000	n/a	n/a	3	103.551	87.388	102.387	147.802	170.225	150.947	97.775	9.015	156.325	12.140	0.677	0.00341386
IPI:IPI00024462.3	0.000	0.000	n/a	n/a	5	236.853	237.769	249.270	295.215	299.418	304.764	241.297	6.920	299.799	4.786	0.313	0.00052851
IPI:IPI00024466.2	2,573.883	97.053	0.044	0.36693609	43	2,208.130	2,216.530	2,192.320	2,244.290	2,134.190	2,239.080	2,205.660	12.293	2,205.853	62.117	0.000	0.99682097
IPI:IPI00024467.2	574.377	56.983	-0.069	0.51193239	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024497.5	69.130	5.839	-1.087	0.00008251	6	175.659	185.815	187.022	203.691	216.266	203.481	182.832	6.241	207.813	7.322	0.185	0.01151273
IPI:IPI00024502.2	106.622	3.574	-0.092	0.43786185	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024523.2	151.503	4.024	-0.075	0.11311755	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024524.4	166.129	17.265	-0.012	0.91391002	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024539.1	271.077	5.397	0.137	0.00887355	1	65.913	58.819	62.803	50.954	58.009	51.920	62.511	3.556	53.628	3.825	-0.221	0.04251609
IPI:IPI00024540.3	3.134	1.054	-0.903	0.02697342	1	31.265	27.142	32.711	37.660	40.708	36.400	30.372	2.890	38.256	2.215	0.333	0.02245846
IPI:IPI00024547.1	38.989	0.347	-0.066	0.47782455	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00024551.1	C15orf24	UPF0480 protein C15orf24	1	28.979	31.379	28.700	31.417	26.186	29.281	29.686	1.473
IPI:IPI00024566.2	C1GALT1	Isoform 1 of Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1	3	231.238	246.812	242.658	306.258	323.033	297.661	240.236	8.065
IPI:IPI00024567.4	GLTSCR2	Glioma tumor suppressor candidate region gene 2 protein	1	138.823	136.572	131.773	117.189	126.936	117.274	135.723	3.601
IPI:IPI00024568.2	GLTSCR1	Isoform 1 of Glioma tumor suppressor candidate region gene 1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024579.1	RAD18	E3 ubiquitin-protein ligase RAD18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024580.4	MCCC1	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial	3	88.273	86.699	83.845	90.953	86.787	77.027	86.272	2.245
IPI:IPI00024618.2	C3orf37	UPF0361 protein DC12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024619.5	C16orf61	Uncharacterized protein C16orf61	2	99.451	104.967	106.497	108.105	91.676	92.347	103.638	3.706
IPI:IPI00024620.6	ENY2	Enhancer of yellow 2 transcription factor homolog	3	205.379	213.119	215.507	176.835	160.837	153.387	211.335	5.294
IPI:IPI00024623.3	ACADSB	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial	3	134.110	127.157	127.301	133.648	137.564	142.053	129.523	3.973
IPI:IPI00024638.8	CKMT1B;LOC	16 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024641.4	SMYD2	SET and MYND domain-containing protein 2	2	82.882	78.834	88.378	90.025	85.956	79.771	83.365	4.790
IPI:IPI00024642.2	CCDC47	Isoform 1 of Coiled-coil domain-containing protein 47	6	411.789	498.476	408.239	516.349	415.546	502.549	439.501	51.104
IPI:IPI00024644.5	PRTFDC1	Isoform 1 of Phosphoribosyltransferase domain-containing protein 1	2	119.803	101.066	126.676	102.222	144.543	120.783	115.848	13.255
IPI:IPI00024650.1	SLC16A1	Monocarboxylate transporter 1	5	463.584	453.671	452.705	559.811	599.394	581.034	456.653	6.022
IPI:IPI00024658.3	OTUD7B	OTU domain-containing protein 7B	1	44.136	40.971	49.818	43.853	52.837	44.980	44.975	4.483
IPI:IPI00024660.1	KIAA0174	Isoform 1 of IST1 homolog	1	118.117	97.488	120.468	134.550	149.013	131.539	112.024	12.644
IPI:IPI00024661.4	SEC24C	Protein transport protein Sec24C	5	321.724	334.922	329.522	370.130	361.260	382.055	328.723	6.635
IPI:IPI00024662.1	CBX5	Chromobox protein homolog 5	6	415.182	433.301	421.419	383.128	342.345	402.694	423.301	9.205
IPI:IPI00024664.1	USP5	Isoform Long of Ubiquitin carboxyl-terminal hydrolase 5	13	834.560	811.782	827.732	742.760	721.826	717.758	824.691	11.689
IPI:IPI00024670.5	REEP5	Receptor expression-enhancing protein 5	9	550.309	572.313	600.915	609.222	571.902	594.761	574.512	25.375
IPI:IPI00024673.2	MAPK9	Isoform Alpha-2 of Mitogen-activated protein kinase 9	1	3.962	4.264	5.145	3.244	3.264	3.910	4.457	0.615
IPI:IPI00024674.2	MAP2K4	Mitogen-activated protein kinase kinase 4, isoform CRA_c	4	168.363	167.468	187.072	172.184	195.259	159.768	174.301	11.069
IPI:IPI00024685.1	NPR2	Isoform Long of Atrial natriuretic peptide receptor B	1	10.831	12.218	8.394	12.407	16.748	14.973	10.481	1.936
IPI:IPI00024698.1	PQBP1	Isoform 1 of Polyglutamine-binding protein 1	1	97.837	82.488	98.725	55.141	69.937	62.838	93.017	9.129
IPI:IPI00024701.3	COL4A3BP	Isoform 1 of Collagen type IV alpha-3-binding protein	4	221.005	201.206	205.902	294.033	307.880	291.235	209.371	10.345
IPI:IPI00024706.3	SNX25	Sorting nexin-25	1	50.071	49.023	51.488	59.024	56.885	57.190	50.194	1.237
IPI:IPI00024709.1	IKBKB	Inhibitor of nuclear factor kappa-B kinase subunit beta	4	258.606	289.322	255.160	362.329	304.750	359.472	267.696	18.808
IPI:IPI00024719.1	HAT1	Histone acetyltransferase type B catalytic subunit	2	78.967	93.611	82.145	61.891	51.790	62.150	84.907	7.703
IPI:IPI00024742.7	UQCRQ	Cytochrome b-c1 complex subunit 8	2	114.390	133.377	138.968	138.195	109.784	110.423	128.912	12.883
IPI:IPI00024773.1	FARP1	Isoform 1 of FERM, RhoGEF and pleckstrin domain-containing protein 1	12	789.366	870.343	790.766	856.743	789.528	888.083	816.825	46.353
IPI:IPI00024775.1	RAB7L1	Ras-related protein Rab-7L1	1	70.604	63.940	69.403	118.264	129.632	117.905	67.982	3.552
IPI:IPI00024776.1	CLGN	Calmegin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024781.1	SERF2;HYPK	Small EDRK-rich factor 2	3	172.904	162.654	175.038	157.482	168.262	159.384	170.199	6.620
IPI:IPI00024801.1	RNF41	E3 ubiquitin-protein ligase NRDP1	1	40.552	35.721	36.205	32.646	34.769	38.106	37.492	2.660
IPI:IPI00024802.1	BTAF1	TATA-binding protein-associated factor 172	4	58.853	61.318	62.736	47.210	56.446	52.726	60.969	1.965
IPI:IPI00024821.1	PSMD14	26S proteasome non-ATPase regulatory subunit 14	7	595.417	653.794	612.905	730.435	647.880	659.085	620.705	29.960
IPI:IPI00024826.3	CTDSPL	CTD small phosphatase-like protein (CTDSP-like) (Small C-terminal domain phosphatase 3) (Small CTD phosphatase 3) (SCP3) (Nuclear LIM interactor-interacting factor 1) (NLI-interacting factor 1) (NIF-like protein) (RBSP3) (Protein YA22) (hYA22). Isoform 2	1	21.061	27.040	25.358	28.367	24.153	28.322	24.486	3.083
IPI:IPI00024896.2	PBLD	Phenazine biosynthesis-like domain-containing protein	1	25.583	24.935	28.409	30.964	33.008	29.891	26.309	1.847
IPI:IPI00024911.1	ERP29	Endoplasmic reticulum protein ERp29	18	1,113.250	1,124.550	1,051.260	1,201.020	1,128.820	1,173.600	1,096.353	39.459
IPI:IPI00024913.2	C21orf33	Isoform Long of ES1 protein homolog, mitochondrial	6	279.781	294.711	287.317	332.564	309.623	295.578	287.270	7.465
IPI:IPI00024915.2	PRDX5	Isoform Mitochondrial of Peroxiredoxin-5, mitochondrial	16	831.889	893.406	819.306	1,025.430	966.376	1,022.170	848.200	39.652
IPI:IPI00024919.3	PRDX3	Thioredoxin-dependent peroxide reductase, mitochondrial	15	777.297	726.208	755.676	740.092	1,127.700	802.816	753.060	25.645
IPI:IPI00024920.1	ATP5D	ATP synthase subunit delta, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00024929.2	ASAM	Adipocyte adhesion molecule	1	53.907	65.052	52.984	74.083	55.307	76.068	57.314	6.717
IPI:IPI00024933.3	RPL12	Isoform 1 of 60S ribosomal protein L12	12	731.674	862.891	734.535	769.086	666.865	748.071	776.367	74.946
IPI:IPI00024934.4	MUT	Methylmalonyl-CoA mutase, mitochondrial	5	389.077	376.999	394.019	447.029	420.154	423.045	386.698	8.756
IPI:IPI00024971.1	OSBP	Isoform 1 of Oxysterol-binding protein 1	8	481.499	507.862	485.852	616.052	601.690	615.725	491.738	14.133
IPI:IPI00024975.2	KIF15	Isoform 1 of Kinesin-like protein KIF15	1	32.339	28.742	34.368	80.379	87.711	80.304	31.816	2.849

IPI:IPI00024551.1	28.961	2.630	-0.036	0.70387637	4	147.816	133.721	147.694	143.128	145.628	137.440	143.077	8.103	142.065	4.196	-0.010	0.86063801
IPI:IPI00024566.2	308.984	12.904	0.363	0.00288969	1	11.713	17.226	31.897	1.643	6.807	2.711	20.278	10.432	3.720	2.726	-2.447	0.10251588
IPI:IPI00024567.4	120.466	5.603	-0.172	0.02252525	2	98.579	97.293	93.794	119.056	111.317	122.159	96.555	2.476	117.511	5.584	0.283	0.01205700
IPI:IPI00024568.2	0.000	0.000	n/a	n/a	1	35.196	28.877	38.084	19.029	23.590	19.369	34.052	4.709	20.663	2.540	-0.721	0.02156228
IPI:IPI00024579.1	0.000	0.000	n/a	n/a	3	135.991	133.380	139.811	157.557	158.184	153.660	136.394	3.234	156.467	2.451	0.198	0.00138953
IPI:IPI00024580.4	84.922	7.148	-0.023	0.78033384	10	642.969	631.160	643.488	663.230	702.853	682.980	639.206	6.973	683.021	19.812	0.096	0.04921905
IPI:IPI00024618.2	0.000	0.000	n/a	n/a	3	78.964	69.847	78.499	106.967	114.371	104.495	75.770	5.135	108.611	5.139	0.519	0.00144214
IPI:IPI00024619.5	97.376	9.298	-0.090	0.36815699	1	81.551	83.954	84.121	52.933	54.106	53.708	83.208	1.438	53.582	0.597	-0.635	0.00014643
IPI:IPI00024620.6	163.686	11.981	-0.369	0.01039157	6	214.272	222.765	216.486	248.078	261.029	274.411	217.841	4.406	261.173	13.167	0.262	0.02073638
IPI:IPI00024623.3	137.755	4.206	0.089	0.06968035	7	421.842	432.535	416.514	315.391	295.791	336.049	423.630	8.159	315.744	20.131	-0.424	0.00530210
IPI:IPI00024638.8	0.000	0.000	n/a	n/a	2	78.427	89.121	74.360	117.578	97.814	111.147	80.636	7.625	108.846	10.081	0.433	0.02064147
IPI:IPI00024641.4	85.250	5.163	0.032	0.66895509	1	18.660	19.801	17.160	17.462	19.818	19.124	18.540	1.325	18.801	1.211	0.020	0.81574379
IPI:IPI00024642.2	478.148	54.652	0.122	0.42185786	12	711.251	650.639	689.640	847.090	938.583	843.592	683.843	30.719	876.422	53.862	0.358	0.01086636
IPI:IPI00024644.5	122.516	21.214	0.081	0.67297187	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024650.1	580.080	19.809	0.345	0.00507268	6	267.946	245.459	267.209	179.866	193.647	174.825	260.205	12.775	182.779	9.743	-0.510	0.00150590
IPI:IPI00024658.3	47.223	4.894	0.070	0.59006149	2	126.949	110.363	125.565	131.496	158.056	137.732	120.959	9.202	142.428	13.889	0.236	0.09971912
IPI:IPI00024660.1	138.367	9.342	0.305	0.04864892	3	107.108	101.701	103.946	148.618	149.430	146.972	104.252	2.716	148.340	1.252	0.509	0.00020504
IPI:IPI00024661.4	371.148	10.435	0.175	0.00669253	13	538.867	551.332	553.073	581.536	549.052	569.690	547.757	7.748	566.759	16.439	0.049	0.17311902
IPI:IPI00024662.1	376.056	30.790	-0.171	0.10712191	20	1,076.050	1,110.250	1,115.440	949.384	1,009.720	968.235	1,100.580	21.402	975.780	30.867	-0.174	0.00640586
IPI:IPI00024664.1	727.448	13.416	-0.181	0.00076817	16	627.992	663.796	612.014	585.634	519.980	573.083	634.601	26.516	559.566	34.852	-0.182	0.04495913
IPI:IPI00024670.5	591.962	18.817	0.043	0.39724357	7	473.238	439.244	477.741	376.332	439.929	405.129	463.408	21.047	407.130	31.846	-0.187	0.07250951
IPI:IPI00024673.2	3.472	0.379	-0.360	0.09068567	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024674.2	175.737	18.010	0.012	0.91315578	1	24.008	22.025	21.681	32.917	22.513	29.047	22.571	1.256	28.159	5.258	0.319	0.20242995
IPI:IPI00024685.1	14.709	2.183	0.489	0.06694456	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024698.1	62.639	7.400	-0.570	0.01213282	1	4.177	3.677	3.432	0.000	1.639	1.862	3.762	0.379	1.167	1.017	-1.688	0.03495119
IPI:IPI00024701.3	297.716	8.913	0.508	0.00041143	7	150.292	138.882	142.076	181.129	188.173	192.998	143.750	5.886	187.433	5.969	0.383	0.00083687
IPI:IPI00024706.3	57.699	1.157	0.201	0.00162402	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024709.1	342.184	32.450	0.354	0.03719562	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024719.1	58.611	5.908	-0.535	0.01101775	3	156.590	156.345	152.134	169.445	167.092	176.776	155.023	2.505	171.104	5.051	0.142	0.01684557
IPI:IPI00024742.7	119.467	16.222	-0.110	0.47615628	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024773.1	844.785	50.354	0.049	0.51982683	2	105.540	101.754	115.597	70.682	84.447	80.760	107.630	7.154	78.630	7.126	-0.453	0.00763097
IPI:IPI00024775.1	121.934	6.669	0.843	0.00105681	2	64.796	67.829	63.152	84.497	82.288	88.244	65.259	2.373	85.010	3.011	0.381	0.00111115
IPI:IPI00024776.1	0.000	0.000	n/a	n/a	2	101.790	95.653	95.739	120.921	112.282	110.073	97.727	3.519	114.425	5.733	0.228	0.01880557
IPI:IPI00024781.1	161.709	5.754	-0.074	0.17176034	1	29.021	31.819	30.767	25.180	24.577	27.218	30.535	1.413	25.658	1.384	-0.251	0.01298462
IPI:IPI00024801.1	35.174	2.752	-0.092	0.35339518	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024802.1	52.127	4.647	-0.226	0.06452422	2	23.553	26.005	20.911	25.698	28.098	28.993	23.490	2.548	27.596	1.704	0.232	0.09089957
IPI:IPI00024821.1	679.133	44.780	0.130	0.14387441	5	233.127	236.640	232.119	293.522	317.109	295.874	233.962	2.373	302.168	12.992	0.369	0.00999531
IPI:IPI00024826.3	26.947	2.420	0.138	0.34126815	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024896.2	31.288	1.584	0.250	0.02488432	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024911.1	1,167.813	36.446	0.091	0.08302738	56	1,965.650	1,999.580	1,958.700	2,322.300	2,215.320	2,248.850	1,974.643	21.874	2,262.157	54.717	0.196	0.00567757
IPI:IPI00024913.2	312.588	18.670	0.122	0.13056434	11	521.723	536.812	536.476	525.176	536.259	541.084	531.670	8.616	534.173	8.157	0.007	0.73451880
IPI:IPI00024915.2	1,004.659	33.194	0.244	0.00689674	39	1,812.820	1,902.580	1,780.410	2,193.420	2,063.230	2,158.810	1,831.937	63.289	2,138.487	67.432	0.223	0.00463554
IPI:IPI00024919.3	890.203	208.056	0.241	0.37182455	24	1,510.280	1,412.720	1,485.290	1,318.450	1,500.360	1,368.920	1,469.430	50.677	1,395.910	93.910	-0.074	0.31696581
IPI:IPI00024920.1	0.000	0.000	n/a	n/a	25	391.769	404.403	407.868	370.321	362.986	374.099	401.347	8.474	369.135	5.651	-0.121	0.00799284
IPI:IPI00024929.2	68.486	11.457	0.257	0.23517864	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024933.3	728.007	53.983	-0.093	0.42077966	22	725.695	746.111	724.033	931.046	886.391	898.701	731.946	12.295	905.379	23.064	0.307	0.00130534
IPI:IPI00024934.4	430.076	14.753	0.153	0.01867244	9	557.267	530.961	584.928	448.451	477.619	459.303	557.719	26.986	461.791	14.742	-0.272	0.01145721
IPI:IPI00024971.1	611.156	8.199	0.314	0.00075699	9	348.436	359.148	347.058	472.558	456.821	464.873	351.547	6.618	464.751	7.869	0.403	0.00005547
IPI:IPI00024975.2	82.798	4.255	1.380	0.00016840	6	185.359	195.332	180.357	278.844	250.934	270.655	187.016	7.624	266.811	14.347	0.513	0.00321969

IPI:IPI00024983.1	RTN2	Isoform RTN2-A of Reticulon-2	3	257.961	239.124	247.840	283.713	293.917	303.623	248.308	9.427
IPI:IPI00024990.6	ALDH6A1	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	5	307.652	311.914	308.464	347.203	329.216	332.903	309.343	2.263
IPI:IPI00024993.4	ECHS1	Enoyl-CoA hydratase, mitochondrial	8	436.748	380.150	419.115	411.227	469.318	440.234	412.004	28.961
IPI:IPI00025019.3	PSMB1	Proteasome subunit beta type-1	9	706.882	717.934	702.594	744.031	722.244	731.970	709.137	7.915
IPI:IPI00025039.1	FBL	rRNA 2'-O-methyltransferase fibrillarin	8	654.278	597.545	636.132	593.457	640.359	598.359	629.318	28.974
IPI:IPI00025049.1	M6PR	Cation-dependent mannose-6-phosphate receptor	2	174.503	138.694	173.772	171.460	218.554	173.077	162.323	20.467
IPI:IPI00025050.1	WARS2	Tryptophanyl-tRNA synthetase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025057.2	ADAR	Isoform 2 of Double-stranded RNA-specific adenosine deaminase	5	264.509	254.216	261.964	247.014	249.331	246.541	260.230	5.361
IPI:IPI00025084.3	CAPNS1	Calpain small subunit 1	7	520.112	572.899	520.660	575.191	525.997	564.933	537.890	30.320
IPI:IPI00025086.4	COX5A	Cytochrome c oxidase subunit 5A, mitochondrial	1	27.785	38.273	27.984	31.349	22.845	32.587	31.348	5.999
IPI:IPI00025087.2	TP53	Isoform 1 of Cellular tumor antigen p53	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025091.3	RPS11	40S ribosomal protein S11	15	1,159.780	1,262.150	1,128.650	1,097.120	958.726	1,083.270	1,183.527	69.846
IPI:IPI00025100.1	BCKDHA	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial	3	140.898	127.648	135.741	108.596	100.417	112.401	134.762	6.679
IPI:IPI00025115.1	AP3S2	AP-3 complex subunit sigma-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025156.4	STUB1	Isoform 1 of STIP1 homology and U box-containing protein 1	2	44.355	55.630	48.479	66.570	56.832	65.321	49.488	5.705
IPI:IPI00025158.2	STAG1	Cohesin subunit SA-1	3	97.332	90.952	93.842	88.840	101.502	94.573	94.042	3.195
IPI:IPI00025160.2	VAC14	Protein VAC14 homolog	8	337.475	381.904	331.430	588.878	502.819	577.791	350.270	27.562
IPI:IPI00025174.2	SDCCAG10	Isoform 1 of Peptidyl-prolyl cis-trans isomerase SDCCAG10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025176.1	SMNDC1	Survival of motor neuron-related-splicing factor 30	4	60.757	50.794	59.429	49.022	56.006	52.654	56.993	5.410
IPI:IPI00025178.3	BCAS2	Pre-mRNA-splicing factor SPF27	2	251.566	252.577	245.469	243.945	235.652	242.185	249.871	3.845
IPI:IPI00025239.2	NDUFS2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial	6	409.086	389.119	401.250	420.031	429.256	408.739	399.818	10.060
IPI:IPI00025244.1	ZNF259	Zinc finger protein ZPR1	11	525.165	565.185	534.464	549.169	515.741	548.412	541.605	20.944
IPI:IPI00025252.1	PDIA3	Protein disulfide-isomerase A3	110	6,571.550	6,706.550	6,982.670	6,103.440	5,813.040	5,563.660	6,753.590	209.558
IPI:IPI00025257.1	SEMA7A	Semaphorin-7A	6	365.439	391.791	343.405	440.346	400.155	439.099	366.878	24.225
IPI:IPI00025273.1	GART	Isoform Long of Trifunctional purine biosynthetic protein adenosine-3	13	779.166	855.038	829.220	947.836	841.750	943.624	821.141	38.576
IPI:IPI00025277.5	PDCD6	Programmed cell death protein 6	2	304.203	336.442	284.174	405.893	354.277	392.431	308.273	26.371
IPI:IPI00025285.3	ATP6V1G1	V-type proton ATPase subunit G 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025292.2	MPDU1	Mannose-P-dolichol utilization defect 1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025295.2	ENTPD6	Ectonucleoside triphosphate diphosphohydrolase 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025310.1	ZNF217	Zinc finger protein 217	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025318.1	SH3BGRL	SH3 domain-binding glutamic acid-rich-like protein	9	461.032	433.940	474.072	439.818	513.390	461.445	456.348	20.472
IPI:IPI00025329.1	RPL19	60S ribosomal protein L19	8	811.600	825.385	834.313	435.872	439.573	440.616	823.766	11.443
IPI:IPI00025333.4	CIAPIN1	Isoform 3 of Anamorsin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025341.2	BDH1	D-beta-hydroxybutyrate dehydrogenase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025344.1	NDUFS6	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial	3	149.259	142.097	143.628	128.385	135.961	131.864	144.995	3.772
IPI:IPI00025346.3	PEX14	Isoform 1 of Peroxisomal membrane protein PEX14	2	203.062	194.587	205.057	200.935	229.751	198.228	200.902	5.559
IPI:IPI00025347.4	EMG1	Probable ribosome biogenesis protein NEP1	2	76.649	73.657	81.352	77.943	82.930	79.722	77.220	3.879
IPI:IPI00025353.4	TULP3	Tubby-related protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025366.4	CS	Citrate synthase, mitochondrial	16	1,562.140	1,673.420	1,556.290	1,531.930	1,442.690	1,491.520	1,597.283	66.001
IPI:IPI00025461.1	MT1JP;MT1E	Metallothionein-1E	14	900.566	714.628	810.860	841.967	959.210	915.168	808.685	92.988
IPI:IPI00025463.3	PHLDA1	Pleckstrin homology-like domain family A member 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025464.1	MT1F	Metallothionein-1F	1	48.442	45.879	49.266	49.775	56.318	52.503	47.862	1.767
IPI:IPI00025468.3	SKIL	Isoform SNON of Ski-like protein	1	16.993	15.966	17.002	13.244	15.353	15.363	16.654	0.596
IPI:IPI00025478.1	IRF9	Interferon regulatory factor 9	1	75.863	80.795	75.163	99.130	84.622	91.528	77.274	3.070
IPI:IPI00025491.1	EIF4A1;SNO	Eukaryotic initiation factor 4A-I	27	1,571.720	1,471.790	1,535.190	1,209.710	1,307.010	1,283.360	1,526.233	50.564
IPI:IPI00025512.2	HSPB1	Heat shock protein beta-1	26	1,443.870	1,496.010	1,401.650	1,476.520	1,388.880	1,675.010	1,447.177	47.267
IPI:IPI00025546.4	MTF1	Metal regulatory transcription factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025616.1	POLD2	DNA polymerase delta subunit 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025683.2	TACC1	Isoform 1 of Transforming acidic coiled-coil-containing protein 1	6	539.267	477.683	529.266	617.780	653.467	612.936	515.405	33.049
IPI:IPI00025698.2	LIMK2	LIM domain kinase 2 isoform 1	4	236.396	186.725	232.040	166.911	191.320	178.321	218.387	27.506
IPI:IPI00025702.3	PRDM15	PR domain zinc finger protein 15	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025710.1	C21orf59	Uncharacterized protein C21orf59	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025714.1	RIPK4	Isoform 1 of Receptor-interacting serine/threonine-protein kinase 4	1	87.704	74.331	81.523	105.695	112.564	105.971	81.186	6.693

IPI:IPI00024983.1	293.751	9.956	0.242	0.00462401	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00024990.6	336.441	9.501	0.121	0.03293130	4	181.958	175.828	188.860	100.518	106.386	98.705	182.215	6.520	101.870	4.015	-0.839	0.00019236
IPI:IPI00024993.4	440.260	29.046	0.096	0.29891613	45	2,131.420	2,151.940	2,092.140	2,553.060	2,438.770	2,522.680	2,125.167	30.386	2,504.837	59.197	0.237	0.00225225
IPI:IPI00025019.3	732.748	10.914	0.047	0.04359387	19	1,132.520	1,103.950	1,101.160	1,058.680	1,118.300	1,113.630	1,112.543	17.356	1,096.870	33.156	-0.020	0.52081670
IPI:IPI00025039.1	610.725	25.781	-0.043	0.45396198	28	894.420	870.508	840.380	1,126.270	1,090.750	1,111.600	868.436	27.080	1,109.540	17.849	0.353	0.00047989
IPI:IPI00025049.1	187.697	26.735	0.210	0.26630032	3	203.629	226.029	197.423	353.887	301.073	337.133	209.027	15.048	330.698	26.989	0.662	0.00563332
IPI:IPI00025050.1	0.000	0.000	n/a	n/a	3	79.105	73.579	74.653	78.786	90.555	83.556	75.779	2.930	84.299	5.919	0.154	0.11383976
IPI:IPI00025057.2	247.629	1.493	-0.072	0.04680005	36	1,179.810	1,170.810	1,171.670	1,393.560	1,397.320	1,394.510	1,174.097	4.967	1,395.130	1.955	0.249	0.00002296
IPI:IPI00025084.3	555.374	25.953	0.046	0.49167216	7	421.555	465.599	424.342	146.073	155.777	162.860	437.165	24.664	154.903	8.428	-1.497	0.00102541
IPI:IPI00025086.4	28.927	5.304	-0.116	0.62957748	7	215.360	207.372	208.707	198.808	211.115	199.794	210.480	4.279	203.239	6.839	-0.051	0.21035203
IPI:IPI00025087.2	0.000	0.000	n/a	n/a	6	215.852	227.595	216.328	271.133	253.221	261.273	219.925	6.647	261.876	8.971	0.252	0.00380008
IPI:IPI00025091.3	1,046.372	76.219	-0.178	0.08365058	13	455.683	448.397	457.703	587.857	614.619	590.991	453.928	4.895	597.822	14.630	0.397	0.00152828
IPI:IPI00025100.1	107.138	6.124	-0.331	0.00631094	4	145.598	134.885	151.245	155.672	162.891	142.915	143.909	8.310	153.826	10.115	0.096	0.26240572
IPI:IPI00025115.1	0.000	0.000	n/a	n/a	1	25.265	27.827	23.302	57.628	44.339	58.534	25.465	2.269	53.500	7.946	1.071	0.01934177
IPI:IPI00025156.4	62.908	5.298	0.346	0.04092541	11	346.765	351.764	337.215	515.004	495.159	506.107	345.248	7.392	505.423	9.940	0.550	0.00004418
IPI:IPI00025158.2	94.972	6.340	0.014	0.83590397	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00025160.2	556.496	46.815	0.668	0.00563011	8	363.118	385.196	376.173	249.425	250.926	241.818	374.829	11.100	247.390	4.883	-0.599	0.00060835
IPI:IPI00025174.2	0.000	0.000	n/a	n/a	12	357.343	376.513	370.888	320.149	303.030	317.905	368.248	9.854	313.695	9.304	-0.231	0.00225558
IPI:IPI00025176.1	52.561	3.493	-0.117	0.30931436	15	731.731	702.845	739.148	745.739	781.456	768.646	724.575	19.180	765.280	18.095	0.079	0.05580554
IPI:IPI00025178.3	240.594	4.369	-0.055	0.05177870	9	297.104	274.557	294.213	378.184	409.856	392.531	288.625	12.268	393.524	15.859	0.447	0.00108854
IPI:IPI00025239.2	419.342	10.276	0.069	0.07853690	8	489.719	520.438	487.197	428.616	439.452	438.271	499.118	18.507	435.446	5.945	-0.197	0.01915232
IPI:IPI00025244.1	537.774	19.085	-0.010	0.82653097	18	666.199	648.123	655.385	896.839	920.628	901.690	656.569	9.096	906.386	12.570	0.465	0.00002224
IPI:IPI00025252.1	5,826.713	270.150	-0.213	0.01083083	225	8,185.040	8,079.180	8,275.140	9,039.780	9,317.530	9,004.260	8,179.787	98.086	9,120.523	171.535	0.157	0.00299442
IPI:IPI00025257.1	426.533	22.853	0.217	0.03631477	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00025273.1	911.070	60.070	0.150	0.10640033	28	977.679	1,065.540	1,002.890	1,229.260	1,125.410	1,218.390	1,015.370	45.240	1,191.020	57.079	0.230	0.01557142
IPI:IPI00025277.5	384.200	26.774	0.318	0.02494426	4	559.248	494.078	582.227	253.571	297.530	290.101	545.184	45.726	280.401	23.530	-0.959	0.00301785
IPI:IPI00025285.3	0.000	0.000	n/a	n/a	4	149.504	145.873	149.851	121.175	126.436	119.157	148.409	2.203	122.256	3.758	-0.280	0.00137316
IPI:IPI00025292.2	0.000	0.000	n/a	n/a	1	158.869	156.876	137.550	25.457	37.010	38.527	151.098	11.775	33.665	7.149	-2.166	0.00039826
IPI:IPI00025295.2	0.000	0.000	n/a	n/a	1	48.014	49.670	46.443	93.397	81.615	93.871	48.042	1.614	89.628	6.943	0.900	0.00678672
IPI:IPI00025310.1	0.000	0.000	n/a	n/a	15	414.786	465.783	410.275	469.097	392.340	449.575	430.281	30.828	437.004	39.893	0.022	0.83145813
IPI:IPI00025318.1	471.551	37.813	0.047	0.58327355	5	259.088	246.900	267.578	293.554	301.179	299.680	257.855	10.394	298.138	4.040	0.209	0.01266371
IPI:IPI00025329.1	438.687	2.493	-0.909	0.00016649	19	552.609	568.839	582.629	776.499	783.134	780.584	568.026	15.027	780.072	3.347	0.458	0.00107128
IPI:IPI00025333.4	0.000	0.000	n/a	n/a	26	1,039.540	1,111.430	1,052.730	1,307.730	1,218.770	1,295.840	1,067.900	38.271	1,274.113	48.296	0.255	0.00515194
IPI:IPI00025341.2	0.000	0.000	n/a	n/a	2	18.873	18.486	20.724	9.348	7.556	12.274	19.361	1.196	9.726	2.382	-0.993	0.00866487
IPI:IPI00025344.1	132.070	3.792	-0.135	0.01388982	12	355.734	321.632	329.219	155.413	178.178	155.670	335.528	17.905	163.087	13.070	-1.041	0.00029875
IPI:IPI00025346.3	209.638	17.471	0.061	0.48314703	5	319.993	311.196	324.749	179.385	178.338	183.721	318.646	6.876	180.481	2.854	-0.820	0.00015716
IPI:IPI00025347.4	80.198	2.527	0.055	0.33793824	1	28.998	30.736	26.752	28.009	28.581	30.830	28.829	1.997	29.140	1.491	0.015	0.84038765
IPI:IPI00025353.4	0.000	0.000	n/a	n/a	2	159.295	156.653	151.675	136.797	139.054	146.408	155.874	3.869	140.753	5.026	-0.147	0.01650966
IPI:IPI00025366.4	1,488.713	44.686	-0.102	0.08672334	26	2,518.300	2,656.250	2,478.670	2,518.030	2,317.620	2,484.080	2,551.073	93.216	2,439.910	107.258	-0.064	0.24868609
IPI:IPI00025461.1	905.448	59.223	0.163	0.21562590	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00025463.3	0.000	0.000	n/a	n/a	3	130.238	118.796	129.245	146.346	147.472	148.103	126.093	6.339	147.307	0.890	0.224	0.02656895
IPI:IPI00025464.1	52.866	3.286	0.143	0.10092841	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00025468.3	14.653	1.221	-0.185	0.08712197	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00025478.1	91.760	7.257	0.248	0.05797655	1	36.138	35.257	31.860	63.776	56.177	63.087	34.418	2.259	61.013	4.202	0.826	0.00215881
IPI:IPI00025491.1	1,266.693	50.746	-0.269	0.00329579	20	1,167.240	1,099.830	1,199.980	466.416	531.141	479.969	1,155.683	51.065	492.509	34.136	-1.231	0.00012657
IPI:IPI00025512.2	1,513.470	146.600	0.065	0.52218018	41	816.276	794.513	827.400	517.764	530.538	560.538	812.730	16.728	536.280	21.957	-0.600	0.00010820
IPI:IPI00025546.4	0.000	0.000	n/a	n/a	1	27.975	29.944	29.333	37.622	31.386	34.707	29.084	1.008	34.571	3.120	0.249	0.08150969
IPI:IPI00025616.1	0.000	0.000	n/a	n/a	3	154.917	151.850	143.793	161.035	151.991	160.509	150.187	5.746	157.845	5.077	0.072	0.15976978
IPI:IPI00025683.2	628.061	22.135	0.285	0.01127570	8	310.084	299.027	290.415	358.062	350.535	369.003	299.842	9.860	359.200	9.286	0.261	0.00164761
IPI:IPI00025698.2	178.851	12.213	-0.288	0.11517398	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00025702.3	0.000	0.000	n/a	n/a	1	0.000	2.197	0.000	3.155	6.226	2.588	0.732	1.268	3.990	1.958	2.446	0.08365351
IPI:IPI00025710.1	0.000	0.000	n/a	n/a	6	158.969	171.734	165.724	235.565	225.582	230.783	165.476	6.386	230.643	4.993	0.479	0.00022049
IPI:IPI00025714.1	108.077	3.889	0.413	0.00756417	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00025717.1	MTX2	Metaxin-2	1	57.915	52.956	65.799	65.092	74.141	57.042	58.890	6.477
IPI:IPI00025718.2	WDR4	Isoform 1 of tRNA (guanine-N(7)-)-methyltransferase subunit WDR4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025721.3	COPS3	COP9 signalosome complex subunit 3	11	885.432	848.310	907.413	815.077	821.943	833.508	880.385	29.873
IPI:IPI00025725.2	NDUFB1	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1, 7kDa	1	56.899	59.415	55.860	43.079	41.375	42.821	57.391	1.828
IPI:IPI00025729.1	CAMLG	Calcium signal-modulating cyclophilin ligand	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025746.5	ANKRD54	Isoform 1 of Ankyrin repeat domain-containing protein 54	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025796.3	NDUFS3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	6	316.048	333.820	322.794	230.115	238.526	236.514	324.221	8.971
IPI:IPI00025803.3	INSR	Insulin receptor precursor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025805.2	SP4	Transcription factor Sp4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025807.2	SP3	Isoform 1 of Transcription factor Sp3	1	61.980	55.378	61.177	39.772	50.614	46.473	59.512	3.602
IPI:IPI00025809.2	MGAT2	cDNA FLJ55952, highly similar to Alpha-1,6-mannosyl-glycoprotein2-beta-N-acetylglucosaminyltransferase	2	71.213	69.195	63.727	80.676	76.642	78.851	68.045	3.873
IPI:IPI00025815.2	TARDBP	TDP43	2	77.181	68.386	65.822	65.797	65.971	66.113	70.463	5.958
IPI:IPI00025818.1	GALNT1	Isoform 1 of Polypeptide N-acetylgalactosaminyltransferase 1	8	489.096	487.283	489.798	611.944	587.205	605.744	488.726	1.298
IPI:IPI00025849.1	LOC723972;	Acidic leucine-rich nuclear phosphoprotein 32 family member A	20	1,282.860	1,269.080	1,275.660	1,124.160	1,149.950	1,110.340	1,275.867	6.892
IPI:IPI00025861.3	CDH1	Cadherin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025869.1	GLA	Alpha-galactosidase A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00025874.2	RPN1	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 precursor	40	2,589.110	2,659.870	2,633.200	2,633.310	2,598.330	2,588.970	2,627.393	35.736
IPI:IPI00025890.4	C12orf30	Isoform 1 of TPR repeat-containing protein C12orf30	5	249.321	246.240	249.024	247.588	299.952	238.449	248.195	1.700
IPI:IPI00025974.3	CHMP4B	Charged multivesicular body protein 4b	13	722.995	637.194	722.591	629.313	766.288	730.668	694.260	49.421
IPI:IPI00026031.3	C6orf72	Uncharacterized protein C6orf72	1	16.152	15.340	19.008	127.807	113.211	128.077	16.833	1.926
IPI:IPI00026044.3	PIGU	Isoform 1 of Phosphatidylinositol glycan anchor biosynthesis class U protein	1	64.118	72.430	66.303	76.877	74.489	79.813	67.617	4.309
IPI:IPI00026050.1	CLN5	ceroid-lipofuscinosis, neuronal 5	2	161.413	150.582	153.481	106.407	119.142	113.328	155.159	5.607
IPI:IPI00026053.1	CLDN11	Claudin-11	1	66.770	63.098	78.767	67.420	88.028	78.043	69.545	8.195
IPI:IPI00026054.1	MAPKAPK2	Isoform 1 of MAP kinase-activated protein kinase 2	1	169.306	165.343	148.306	166.839	158.934	169.128	160.985	11.158
IPI:IPI00026059.2	SNTB1	Isoform 1 of Beta-1-syntrophin	4	196.974	205.105	201.208	216.984	209.898	214.057	201.096	4.067
IPI:IPI00026087.1	BANF1	Barrier-to-autointegration factor	11	1,281.940	1,054.430	1,148.030	792.357	861.637	819.316	1,161.467	114.349
IPI:IPI00026089.3	SF3B1	Splicing factor 3B subunit 1	15	1,001.480	996.256	1,025.170	788.101	803.656	795.358	1,007.635	15.408
IPI:IPI00026105.1	SCP2	Isoform SCPx of Non-specific lipid-transfer protein	25	1,661.210	1,725.340	1,732.500	1,855.350	1,807.890	1,831.240	1,706.350	39.256
IPI:IPI00026108.1	PLA2G4A	Cytosolic phospholipase A2	1	18.111	27.626	19.378	24.069	17.736	25.992	21.705	5.167
IPI:IPI00026111.3	TMCO1	Isoform 1 of Transmembrane and coiled-coil domain-containing protein 1	2	198.207	175.130	181.380	167.132	182.976	164.901	184.906	11.936
IPI:IPI00026154.3	PRKCSH	cDNA FLJ59211, highly similar to Glucosidase 2 subunit beta	1	54.177	55.112	49.682	58.430	58.750	55.450	52.990	2.903
IPI:IPI00026167.5	NHP2L1	NHP2-like protein 1	7	625.799	676.079	631.453	703.763	628.672	617.999	644.444	27.542
IPI:IPI00026182.5	CAPZA2	F-actin-capping protein subunit alpha-2	4	255.149	267.738	262.114	290.786	292.041	288.626	261.667	6.306
IPI:IPI00026191.3	ALKBH8	Isoform 2 of Alkylated DNA repair protein alkB homolog 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026202.1	RPL18A	60S ribosomal protein L18a	9	642.212	652.597	648.732	564.286	542.840	559.202	647.847	5.249
IPI:IPI00026215.1	FEN1	Flap endonuclease 1	13	1,018.820	971.242	1,019.570	767.085	767.968	793.493	1,003.211	27.688
IPI:IPI00026216.4	NPEPPS	Puromycin-sensitive aminopeptidase	28	1,982.440	2,109.150	1,919.930	2,264.670	2,161.930	2,287.720	2,003.840	96.408
IPI:IPI00026219.4	CPSF1	Cleavage and polyadenylation specificity factor subunit 1	1	99.537	103.613	103.149	103.966	107.257	105.055	102.100	2.231
IPI:IPI00026230.1	RPL36AP37;	Heterogeneous nuclear ribonucleoprotein H2	1	78.563	67.748	72.316	74.676	84.631	75.760	72.876	5.430
IPI:IPI00026240.2	BST1	ADP-ribosyl cyclase 2	3	207.694	219.803	195.151	225.858	230.067	222.575	207.549	12.327
IPI:IPI00026256.2	FLG	Filaggrin	1	111.631	101.576	110.082	94.099	87.159	94.993	107.763	5.414
IPI:IPI00026262.3	RASA1	Isoform 1 of Ras GTPase-activating protein 1	6	158.218	189.058	158.975	199.253	171.750	196.315	168.750	17.591
IPI:IPI00026268.3	GNB1	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026271.5	RPS14	40S ribosomal protein S14	6	704.378	700.835	706.372	537.605	506.987	523.831	703.862	2.804
IPI:IPI00026272.2	HIST1H2AB;	Histone H2A type 1-B/E	4	341.488	694.830	387.833	664.469	275.115	515.122	474.717	192.027
IPI:IPI00026302.3	RPL31	60S ribosomal protein L31	6	291.734	291.121	338.544	277.371	266.542	200.918	307.133	27.204
IPI:IPI00026307.1	CDC40	Pre-mRNA-processing factor 17	2	129.155	123.034	114.550	118.466	115.734	130.578	122.246	7.334
IPI:IPI00026317.3	ZBTB7A	Zinc finger and BTB domain-containing protein 7A	1	107.751	91.477	110.657	81.655	89.635	83.604	103.295	10.337
IPI:IPI00026320.1	UBR5	E3 ubiquitin-protein ligase UBR5	3	41.352	39.130	34.693	41.534	41.053	38.681	38.391	3.390
IPI:IPI00026328.3	TXNDC12	Thioredoxin domain-containing protein 12	9	840.321	793.948	829.446	713.569	742.607	728.125	821.238	24.252
IPI:IPI00026337.1	RANBP3	Isoform 1 of Ran-binding protein 3	4	135.937	143.353	136.495	140.000	136.557	143.732	138.595	4.130

IPI:IPI00025717.1	65.425	8.555	0.152	0.35619678	5	272.367	254.160	264.879	216.163	227.127	217.763	263.802	9.151	220.351	5.922	-0.260	0.00400634
IPI:IPI00025718.2	0.000	0.000	n/a	n/a	4	91.882	100.627	93.071	144.488	130.846	139.336	95.193	4.743	138.223	6.889	0.538	0.00150401
IPI:IPI00025721.3	823.509	9.315	-0.096	0.06988761	10	456.455	422.185	458.811	543.107	597.943	550.369	445.817	20.500	563.806	29.785	0.339	0.00687862
IPI:IPI00025725.2	42.425	0.918	-0.436	0.00116172	1	19.806	23.579	22.275	21.335	19.560	24.626	21.887	1.916	21.840	2.570	-0.003	0.98174712
IPI:IPI00025729.1	0.000	0.000	n/a	n/a	1	32.593	41.204	37.075	59.028	44.333	57.623	36.957	4.307	53.661	8.109	0.538	0.05028900
IPI:IPI00025746.5	0.000	0.000	n/a	n/a	1	17.165	21.888	16.111	22.396	23.742	22.608	18.388	3.076	22.916	0.724	0.318	0.11879550
IPI:IPI00025796.3	235.052	4.392	-0.464	0.00069962	13	684.246	647.852	681.871	416.074	429.857	432.898	671.323	20.361	426.276	8.965	-0.655	0.00053399
IPI:IPI00025803.3	0.000	0.000	n/a	n/a	1	58.026	53.684	57.946	73.251	76.121	75.700	56.552	2.484	75.024	1.550	0.408	0.00097843
IPI:IPI00025805.2	0.000	0.000	n/a	n/a	2	108.512	112.782	123.487	99.514	111.140	94.063	114.927	7.714	101.572	8.723	-0.178	0.11935998
IPI:IPI00025807.2	45.620	5.471	-0.384	0.02751135	3	216.951	212.636	226.170	375.056	408.760	374.544	218.586	6.913	386.120	19.608	0.821	0.00199434
IPI:IPI00025809.2	78.723	2.020	0.210	0.02416847	4	208.361	204.310	202.882	252.573	252.883	257.039	205.184	2.842	254.165	2.494	0.309	0.00002686
IPI:IPI00025815.2	65.961	0.158	-0.095	0.32105680	8	456.344	537.902	486.224	457.792	468.669	441.279	493.490	41.262	455.913	13.791	-0.114	0.25158756
IPI:IPI00025818.1	601.631	12.872	0.300	0.00400416	3	97.855	91.761	99.389	122.941	143.556	119.874	96.335	4.035	128.790	12.879	0.419	0.03876905
IPI:IPI00025849.1	1,128.150	20.104	-0.178	0.00301940	34	1,689.520	1,650.210	1,712.880	1,305.030	1,370.010	1,345.000	1,684.203	31.671	1,340.013	32.776	-0.330	0.00019879
IPI:IPI00025861.3	0.000	0.000	n/a	n/a	1	10.853	10.053	14.747	21.165	19.540	21.224	11.884	2.511	20.643	0.956	0.797	0.01650662
IPI:IPI00025869.1	0.000	0.000	n/a	n/a	3	275.398	251.779	274.323	229.537	252.881	224.556	267.167	13.337	235.658	15.122	-0.181	0.05465055
IPI:IPI00025874.2	2,606.870	23.371	-0.011	0.45901519	74	3,850.970	3,858.160	3,852.040	3,254.890	3,367.620	3,267.160	3,853.723	3.879	3,296.557	61.848	-0.225	0.00396582
IPI:IPI00025890.4	261.996	33.187	0.078	0.54650377	2	35.301	31.569	37.811	41.900	46.409	40.261	34.894	3.141	42.857	3.184	0.297	0.03692329
IPI:IPI00025974.3	708.756	71.068	0.030	0.78885709	9	191.568	191.226	198.066	164.551	182.275	165.418	193.620	3.854	170.748	9.992	-0.181	0.04405948
IPI:IPI00026031.3	123.032	8.506	2.870	0.00138796	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026044.3	77.060	2.667	0.189	0.04161996	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026050.1	112.959	6.376	-0.458	0.00108531	1	26.496	27.647	27.574	32.493	31.958	34.447	27.239	0.645	32.966	1.310	0.275	0.00715142
IPI:IPI00026053.1	77.830	10.306	0.162	0.34038063	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026054.1	164.967	5.349	0.035	0.61809989	4	187.900	161.733	195.272	178.305	205.644	183.378	181.635	17.625	189.109	14.543	0.058	0.60296969
IPI:IPI00026059.2	213.646	3.561	0.087	0.01642796	1	73.270	82.279	74.123	0.097	1.470	2.137	76.557	4.974	1.235	1.041	-5.954	0.00096792
IPI:IPI00026087.1	824.437	34.923	-0.494	0.02784665	24	1,010.220	945.283	980.602	1,076.470	1,111.040	1,052.020	978.702	32.510	1,079.843	29.654	0.142	0.01665673
IPI:IPI00026089.3	795.705	7.783	-0.341	0.00025136	51	1,956.820	1,960.340	1,965.150	1,963.680	1,960.290	1,966.110	1,960.770	4.182	1,963.360	2.923	0.002	0.43585266
IPI:IPI00026105.1	1,831.493	23.731	0.102	0.01458926	32	1,843.350	1,776.150	1,868.250	1,723.300	1,749.360	1,722.210	1,829.250	47.641	1,731.623	15.370	-0.079	0.05971137
IPI:IPI00026108.1	22.599	4.320	0.058	0.83006979	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026111.3	171.670	9.855	-0.107	0.21534559	4	116.500	141.668	122.583	212.607	159.096	192.444	126.917	13.132	188.049	27.025	0.567	0.04120033
IPI:IPI00026154.3	57.543	1.820	0.119	0.09536451	67	2,526.200	2,498.050	2,529.130	2,421.630	2,484.910	2,415.960	2,517.793	17.161	2,440.833	38.277	-0.045	0.05593210
IPI:IPI00026167.5	650.145	46.740	0.013	0.86861009	16	738.609	683.351	745.825	683.386	780.770	705.428	722.595	34.177	723.195	51.065	0.001	0.98789594
IPI:IPI00026182.5	290.484	1.727	0.151	0.01115004	6	233.803	247.209	219.971	195.570	154.605	181.031	233.661	13.620	177.069	20.768	-0.400	0.02236373
IPI:IPI00026191.3	0.000	0.000	n/a	n/a	1	1.738	0.000	3.051	0.000	0.006	0.000	1.596	1.530	0.002	0.004	-9.548	0.21313673
IPI:IPI00026202.1	555.443	11.206	-0.222	0.00131827	8	368.517	341.078	378.129	278.202	285.030	288.714	362.575	19.227	283.982	5.334	-0.352	0.01419559
IPI:IPI00026215.1	776.182	14.998	-0.370	0.00098141	19	501.451	475.111	511.679	550.405	616.657	549.341	496.080	18.866	572.134	38.561	0.206	0.05712603
IPI:IPI00026216.4	2,238.107	66.970	0.160	0.03114973	43	1,704.660	1,707.160	1,685.600	1,672.340	1,627.790	1,640.530	1,699.140	11.792	1,646.887	22.945	-0.045	0.03952537
IPI:IPI00026219.4	105.426	1.677	0.046	0.11341853	6	414.533	423.456	409.221	459.987	453.772	454.120	415.737	7.193	455.960	3.492	0.133	0.00365720
IPI:IPI00026230.1	78.356	5.461	0.105	0.28545732	5	424.283	423.752	436.817	352.828	370.856	356.750	428.284	7.395	360.145	9.481	-0.250	0.00080023
IPI:IPI00026240.2	226.167	3.756	0.124	0.11039864	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026256.2	92.084	4.288	-0.227	0.01903109	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026262.3	189.106	15.102	0.164	0.20470875	2	32.201	33.199	38.656	18.040	23.188	21.681	34.685	3.475	20.970	2.647	-0.726	0.00675646
IPI:IPI00026268.3	0.000	0.000	n/a	n/a	5	104.574	117.636	106.815	116.499	105.673	115.482	109.675	6.985	112.551	5.978	0.037	0.61833023
IPI:IPI00026271.5	522.808	15.335	-0.429	0.00181585	24	1,282.090	1,166.890	1,276.130	1,479.260	1,598.090	1,477.010	1,241.703	64.859	1,518.120	69.265	0.290	0.00734095
IPI:IPI00026272.2	484.902	196.428	0.031	0.95197714	3	153.399	140.617	131.711	70.650	76.067	74.744	141.909	10.902	73.820	2.824	-0.943	0.00576659
IPI:IPI00026302.3	248.277	41.370	-0.307	0.12004553	7	137.527	136.224	138.376	178.256	198.509	183.801	137.376	1.084	186.855	10.466	0.444	0.01386150
IPI:IPI00026307.1	121.593	7.901	-0.008	0.92148630	13	755.319	703.535	757.263	712.037	789.410	738.023	738.706	30.474	746.490	39.375	0.015	0.80129941
IPI:IPI00026317.3	84.964	4.160	-0.282	0.07600645	1	74.792	68.754	68.764	73.941	72.264	76.611	70.770	3.483	74.272	2.192	0.070	0.22756993
IPI:IPI00026320.1	40.423	1.527	0.074	0.42029657	4	131.782	120.456	131.668	186.630	213.072	183.692	127.969	6.506	194.465	16.181	0.604	0.01050602
IPI:IPI00026328.3	728.100	14.519	-0.174	0.00843883	24	866.908	839.234	913.453	977.657	1,024.030	984.099	873.198	37.507	995.262	25.121	0.189	0.01300077
IPI:IPI00026337.1	140.096	3.588	0.016	0.65997374	8	353.714	360.926	372.301	354.273	354.772	360.651	362.314	9.371	356.565	3.547	-0.023	0.40600741

IPI:IPI00026338.3	ZFYVE9	Isoform 3 of Zinc finger FYVE domain-containing protein 9	1	116.359	121.663	118.261	128.516	120.354	137.165	118.761	2.687
IPI:IPI00026358.3	GABARAPL2	Gamma-aminobutyric acid receptor-associated protein-like 2	7	254.877	249.807	256.901	677.211	734.375	690.791	253.862	3.654
IPI:IPI00026445.3	POLR1B	Isoform 2 of DNA-directed RNA polymerase I subunit RPA2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026466.9	NIPBL	Isoform 2 of Nipped-B-like protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026512.2	ERAL1	Isoform HERA-A of GTP-binding protein era homolog	1	45.895	40.856	49.802	36.544	41.334	40.949	45.518	4.485
IPI:IPI00026516.1	OXCT1	Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial	11	935.433	944.233	890.287	1,013.360	960.533	1,046.320	923.318	28.942
IPI:IPI00026519.1	PPIF	Peptidyl-prolyl cis-trans isomerase, mitochondrial	11	786.816	817.192	801.468	898.807	806.055	870.294	801.825	15.191
IPI:IPI00026530.4	LMAN1	Protein ERGIC-53	18	829.218	850.974	854.434	788.829	780.900	797.387	844.875	13.670
IPI:IPI00026546.1	PAFAH1B2	Platelet-activating factor acetylhydrolase IB subunit beta	1	40.153	37.811	44.961	44.257	67.884	37.932	40.975	3.645
IPI:IPI00026555.1	TRMU	Isoform 1 of Mitochondrial tRNA-specific 2-thiouridylase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026559.1	USF1	Upstream stimulatory factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026569.3	HLA-A	HLA class I histocompatibility antigen, A-1 alpha chain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026570.2	COX7A2	Cytochrome c oxidase polypeptide 7A2, mitochondrial	4	330.975	323.905	333.786	333.863	339.695	337.843	329.555	5.091
IPI:IPI00026606.2	SURF6	Surfeit locus protein 6	2	129.734	121.591	126.018	110.249	132.947	115.881	125.781	4.077
IPI:IPI00026612.1	PPM1B	Isoform Beta-1 of Protein phosphatase 1B	1	46.906	46.023	45.686	52.772	49.414	45.374	46.205	0.630
IPI:IPI00026625.1	NUP155	Isoform 1 of Nuclear pore complex protein Nup155	6	339.968	366.070	346.052	400.312	357.469	406.768	350.697	13.657
IPI:IPI00026627.4	RP2	Protein XRP2	4	376.787	430.229	386.943	490.162	424.446	486.914	397.986	28.381
IPI:IPI00026663.2	ALDH1A3	Aldehyde dehydrogenase family 1 member A3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026665.2	QARS	cDNA FLJ75085, highly similar to Homo sapiens glutaminyl-tRNA synthetase (QARS), mRNA	7	594.552	537.013	579.560	586.192	652.586	585.081	570.375	29.849
IPI:IPI00026669.1	UBL3	Ubiquitin-like protein 3	2	14.381	13.179	15.720	21.482	15.140	23.048	14.427	1.271
IPI:IPI00026670.3	TCEB2	Transcription elongation factor B polypeptide 2	8	463.585	422.949	448.229	386.866	433.078	407.379	444.921	20.519
IPI:IPI00026673.4	CUX1	Isoform 1 of Homeobox protein cut-like 1	7	395.860	421.969	401.086	422.286	415.543	428.311	406.305	13.815
IPI:IPI00026689.4	CDC2	Putative uncharacterized protein DKFZp686L20222	4	297.900	303.074	323.321	172.578	157.231	173.603	308.098	13.435
IPI:IPI00026691.4	SLMAP	Isoform 4 of Sarcolemmal membrane-associated protein	3	128.361	126.719	123.188	140.684	154.883	142.880	126.089	2.643
IPI:IPI00026781.2	FASN	Fatty acid synthase	36	1,798.290	1,912.380	1,744.160	2,537.950	2,348.800	2,466.510	1,818.277	85.873
IPI:IPI00026813.1	FNTA	Isoform 1 of Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha	3	95.262	83.005	88.767	88.771	121.921	102.309	89.011	6.132
IPI:IPI00026824.2	HMOX2	Heme oxygenase 2	9	506.929	441.861	495.856	479.610	460.710	485.215	481.549	34.814
IPI:IPI00026829.1	DHPS	Isoform Long of Deoxyhypusine synthase	1	45.059	46.854	45.647	42.611	35.547	43.033	45.853	0.915
IPI:IPI00026833.4	ADSS	Adenylosuccinate synthetase isozyme 2	5	270.870	249.367	269.822	233.684	278.732	241.509	263.353	12.124
IPI:IPI00026848.3	LRPAP1	Alpha-2-macroglobulin receptor-associated protein	6	665.977	569.594	638.434	518.701	613.451	551.340	624.668	49.644
IPI:IPI00026850.1	TSPO	Translocator protein	1	55.297	49.618	62.658	54.898	70.532	58.865	55.857	6.538
IPI:IPI00026885.1	AGTR1	Type-1 angiotensin II receptor	1	26.281	23.819	21.193	89.538	80.350	91.723	23.764	2.544
IPI:IPI00026904.2	ADSL	cDNA FLJ59367, highly similar to Adenylosuccinate lyase	3	124.903	120.297	114.264	133.270	125.514	121.183	119.821	5.335
IPI:IPI00026940.2	NUP50	Nucleoporin 50 kDa	7	366.079	369.173	389.201	334.944	317.436	337.328	374.818	12.552
IPI:IPI00026941.1	PRSS23	Serine protease 23	2	34.084	31.918	37.197	135.628	141.048	139.574	34.400	2.654
IPI:IPI00026942.5	ERLIN2	Isoform 1 of Erlin-2	15	743.220	781.682	765.696	884.551	797.739	873.014	763.533	19.322
IPI:IPI00026944.2	NID1	Isoform 1 of Nidogen-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00026957.1	WBP4	WW domain-binding protein 4	2	107.762	122.018	107.451	109.065	93.166	110.599	112.410	8.322
IPI:IPI00026958.4	FDXR	Isoform Short of NADPH:adrenodoxin oxidoreductase, mitochondrial	2	69.361	73.694	67.168	85.554	77.033	81.079	70.074	3.321
IPI:IPI00026964.2	UQCRFS1	Cytochrome b-c1 complex subunit Rieske, mitochondrial	3	238.941	231.221	247.770	261.346	274.852	258.782	239.311	8.281
IPI:IPI00026969.4	SEC23IP	Isoform 1 of SEC23-interacting protein	8	719.104	732.042	732.862	670.257	665.178	678.454	728.003	7.717
IPI:IPI00026970.4	SUPT16H	FACT complex subunit SPT16	17	1,025.380	1,071.110	1,012.740	960.520	901.247	969.158	1,036.410	30.708
IPI:IPI00026994.3	PRAF2	PRA1 family protein 2	4	63.880	70.574	58.618	63.843	59.340	73.229	64.357	5.992
IPI:IPI00027003.1	GPR176	Probable G-protein coupled receptor 176	2	94.325	87.989	88.889	130.460	128.547	136.538	90.401	3.428
IPI:IPI00027009.2	PACSIN2	Isoform 1 of Protein kinase C and casein kinase substrate in neurons protein 2	12	774.277	762.398	761.672	761.911	774.294	762.152	766.116	7.077
IPI:IPI00027014.1	DCTN3	Isoform 1 of Dynactin subunit 3	5	339.173	405.994	327.495	426.253	336.833	418.083	357.554	42.355
IPI:IPI00027032.1	LYPLA2	Acyl-protein thioesterase 2	6	276.325	271.283	300.431	279.771	297.195	283.885	282.680	15.578
IPI:IPI00027034.1	ECD	Protein SGT1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027035.2	GPN1	GPN-loop GTPase 1 isoform a	2	60.960	64.874	67.635	64.703	70.478	64.467	64.489	3.354
IPI:IPI00027078.3	CPD	Carboxypeptidase D	2	70.103	57.127	62.806	73.412	86.013	84.881	63.345	6.505

IPI:IPI00026338.3	128.678	8.407	0.116	0.16914543	1	85.305	80.737	81.038	83.735	86.325	77.488	82.360	2.555	82.516	4.543	0.003	0.96292262
IPI:IPI00026358.3	700.792	29.866	1.465	0.00129589	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026445.3	0.000	0.000	n/a	n/a	1	33.431	36.422	29.227	34.165	26.791	39.094	33.026	3.615	33.350	6.192	0.014	0.94530872
IPI:IPI00026466.9	0.000	0.000	n/a	n/a	10	489.722	452.190	513.441	551.392	606.231	539.831	485.118	30.884	565.818	35.473	0.222	0.04208106
IPI:IPI00026512.2	39.609	2.661	-0.201	0.13749232	5	108.015	100.505	116.590	117.703	132.406	120.444	108.370	8.048	123.518	7.819	0.189	0.07965544
IPI:IPI00026516.1	1,006.738	43.275	0.125	0.05841867	7	464.632	384.452	466.844	311.684	382.768	323.485	438.643	46.944	339.312	38.093	-0.370	0.04897506
IPI:IPI00026519.1	858.385	47.509	0.098	0.16659956	27	1,084.320	1,071.730	1,060.390	1,450.960	1,352.080	1,392.730	1,072.147	11.970	1,398.590	49.700	0.383	0.00541999
IPI:IPI00026530.4	789.039	8.245	-0.099	0.00692670	34	1,363.000	1,388.540	1,410.670	1,448.660	1,438.450	1,412.050	1,387.403	23.855	1,433.053	18.892	0.047	0.06347001
IPI:IPI00026546.1	50.024	15.787	0.288	0.42695933	7	158.580	196.424	209.476	116.618	187.911	124.873	188.160	26.435	143.134	38.997	-0.395	0.18336828
IPI:IPI00026555.1	0.000	0.000	n/a	n/a	2	31.128	32.803	34.433	39.928	44.471	41.990	32.788	1.652	42.130	2.274	0.362	0.00595544
IPI:IPI00026559.1	0.000	0.000	n/a	n/a	1	49.319	47.214	54.915	46.237	51.670	46.157	50.483	3.980	48.021	3.160	-0.072	0.45191320
IPI:IPI00026569.3	0.000	0.000	n/a	n/a	6	219.049	216.470	227.040	269.235	290.758	268.772	220.853	5.511	276.255	12.562	0.323	0.00799058
IPI:IPI00026570.2	337.134	2.980	0.033	0.10627983	5	491.209	451.295	499.094	322.346	366.079	319.592	480.533	25.626	336.006	26.081	-0.516	0.00238465
IPI:IPI00026606.2	119.692	11.819	-0.072	0.47601526	3	133.776	121.945	129.120	129.735	138.189	132.328	128.280	5.960	133.417	4.331	0.057	0.29963834
IPI:IPI00026612.1	49.186	3.704	0.090	0.29702815	1	32.853	26.614	27.852	32.990	36.947	37.078	29.106	3.303	35.671	2.324	0.293	0.05443285
IPI:IPI00026625.1	388.183	26.794	0.147	0.12136865	6	386.271	358.619	409.001	305.998	363.432	312.989	384.630	25.231	327.473	31.337	-0.232	0.07312886
IPI:IPI00026627.4	467.174	37.039	0.231	0.06641232	6	518.400	483.762	532.313	368.195	406.355	369.977	511.492	25.002	381.509	21.536	-0.423	0.00261180
IPI:IPI00026663.2	0.000	0.000	n/a	n/a	13	620.533	562.264	606.097	524.552	600.091	567.663	596.298	30.345	564.102	37.895	-0.080	0.31773975
IPI:IPI00026665.2	607.953	38.657	0.092	0.25779798	19	950.323	1,060.160	945.802	1,003.300	879.028	991.392	985.428	64.759	957.907	68.570	-0.041	0.64151082
IPI:IPI00026669.1	19.890	4.188	0.463	0.14318682	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026670.3	409.108	23.154	-0.121	0.11671466	10	438.816	429.706	433.344	482.113	513.541	489.505	433.955	4.586	495.053	16.432	0.190	0.01743791
IPI:IPI00026673.4	422.047	6.387	0.055	0.17724658	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026689.4	167.804	9.171	-0.877	0.00025703	15	707.593	714.290	700.075	1,089.990	1,029.880	1,069.790	707.319	7.111	1,063.220	30.589	0.588	0.00157957
IPI:IPI00026691.4	146.149	7.643	0.213	0.03400378	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026781.2	2,451.087	95.514	0.431	0.00109810	96	3,521.010	3,393.330	3,514.090	4,174.960	4,373.410	4,220.110	3,476.143	71.802	4,256.160	104.021	0.292	0.00079419
IPI:IPI00026813.1	104.334	16.668	0.229	0.24811995	1	79.507	80.770	77.066	32.536	33.169	32.675	79.114	1.883	32.793	0.333	-1.271	0.00038967
IPI:IPI00026824.2	475.178	12.840	-0.019	0.79023869	18	721.596	722.816	740.599	821.447	824.516	826.850	728.337	10.637	824.271	2.710	0.179	0.00257465
IPI:IPI00026829.1	40.397	4.205	-0.183	0.14827123	1	59.738	61.110	55.511	84.125	81.922	86.822	58.786	2.918	84.290	2.454	0.520	0.00037405
IPI:IPI00026833.4	251.308	24.070	-0.068	0.49670196	6	406.694	393.901	421.034	217.231	251.331	225.153	407.210	13.574	231.238	17.846	-0.816	0.00025769
IPI:IPI00026848.3	561.164	48.133	-0.155	0.18699160	13	520.929	512.235	514.277	606.940	575.970	597.607	515.814	4.546	593.506	15.887	0.202	0.00931481
IPI:IPI00026850.1	61.432	8.127	0.137	0.41007632	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026885.1	87.204	6.035	1.876	0.00085232	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026904.2	126.656	6.124	0.080	0.22002054	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00026940.2	329.903	10.862	-0.184	0.00992576	21	599.748	608.097	602.888	540.179	530.174	550.880	603.578	4.217	540.411	10.355	-0.159	0.00377500
IPI:IPI00026941.1	138.750	2.802	2.012	0.00000129	4	114.787	108.877	118.531	83.036	85.907	89.355	114.065	4.867	86.099	3.164	-0.406	0.00214060
IPI:IPI00026942.5	851.768	47.145	0.158	0.06743401	8	407.408	452.854	421.126	287.627	262.067	290.943	427.129	23.310	280.212	15.802	-0.608	0.00147902
IPI:IPI00026944.2	0.000	0.000	n/a	n/a	3	131.839	151.131	125.591	197.020	165.394	199.048	136.187	13.314	187.154	18.872	0.459	0.02280080
IPI:IPI00026957.1	104.277	9.653	-0.108	0.33259927	4	125.491	119.408	131.354	109.000	112.121	107.062	125.418	5.973	109.394	2.552	-0.197	0.02892182
IPI:IPI00026958.4	81.222	4.262	0.213	0.02568073	3	83.116	111.416	82.383	111.670	88.858	107.820	92.305	16.555	102.783	12.212	0.155	0.43292667
IPI:IPI00026964.2	264.993	8.634	0.147	0.02066101	8	298.915	282.110	297.027	240.675	266.071	261.573	292.684	9.206	256.106	13.552	-0.193	0.02287073
IPI:IPI00026969.4	671.296	6.699	-0.117	0.00072772	24	836.991	793.175	843.452	916.252	974.938	917.439	824.539	27.354	936.210	33.545	0.183	0.01214155
IPI:IPI00026970.4	943.642	36.968	-0.135	0.03023294	32	1,317.780	1,405.790	1,311.860	1,583.340	1,493.180	1,536.580	1,345.143	52.605	1,537.700	45.090	0.193	0.00908241
IPI:IPI00026994.3	65.471	7.086	0.025	0.84690419	4	79.419	77.091	76.038	58.555	61.932	67.982	77.516	1.730	62.823	4.776	-0.303	0.02310869
IPI:IPI00027003.1	131.848	4.172	0.544	0.00023363	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027009.2	766.119	7.081	0.000	0.99973407	17	909.115	896.073	935.113	896.518	949.763	913.896	913.434	19.875	920.059	27.152	0.010	0.75213954
IPI:IPI00027014.1	393.723	49.437	0.139	0.39258859	3	228.503	204.163	290.976	80.106	103.460	92.260	241.214	44.781	91.942	11.680	-1.392	0.02286351
IPI:IPI00027032.1	286.950	9.107	0.022	0.70790690	10	392.608	397.255	390.348	467.598	463.114	460.769	393.404	3.522	463.827	3.470	0.238	0.00001606
IPI:IPI00027034.1	0.000	0.000	n/a	n/a	6	139.662	153.766	146.861	215.086	215.674	223.430	146.763	7.053	218.063	4.657	0.571	0.00031199
IPI:IPI00027035.2	66.549	3.404	0.045	0.49696399	2	54.220	55.129	54.201	68.134	73.672	69.065	54.517	0.530	70.290	2.965	0.367	0.00980231
IPI:IPI00027078.3	81.435	6.972	0.362	0.03062950	6	187.577	204.431	184.646	279.783	275.629	278.108	192.218	10.678	277.840	2.090	0.532	0.00397872

IPI:IPI00027096.2	MRPL19	39S ribosomal protein L19, mitochondrial	1	8.051	9.007	7.819	7.583	4.202	5.270	8.292	0.630
IPI:IPI00027107.5	TUFM	Tu translation elongation factor, mitochondrial precursor	19	1,588.900	1,454.450	1,527.430	1,604.470	1,573.280	1,603.390	1,523.593	67.307
IPI:IPI00027120.1	CDC34	Ubiquitin-conjugating enzyme E2 R1	1	77.733	112.335	69.763	100.506	65.146	100.757	86.610	22.632
IPI:IPI00027139.1	INPP1	Inositol polyphosphate 1-phosphatase	2	98.108	82.629	90.298	92.313	102.079	100.298	90.345	7.739
IPI:IPI00027166.1	TIMP2	Metalloproteinase inhibitor 2	5	94.540	85.580	95.512	205.540	208.090	215.457	91.877	5.475
IPI:IPI00027175.1	SRI	Sorcin	2	133.125	103.710	125.974	119.178	140.459	120.906	120.936	15.341
IPI:IPI00027178.1	AP1G2	AP-1 complex subunit gamma-like 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027180.1	ZMPSTE24	CAAX prenyl protease 1 homolog	9	706.483	682.951	703.023	708.020	740.587	702.152	697.486	12.706
IPI:IPI00027181.2	SC5DL	Lathosterol oxidase	1	25.233	24.010	26.972	38.760	39.128	41.153	25.405	1.489
IPI:IPI00027192.6	PLOD1	cDNA, FLJ79184, highly similar to Procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1	16	958.619	1,026.100	932.808	992.521	933.180	1,017.630	972.509	48.172
IPI:IPI00027193.3	CLIC5;LOC1	Isoform 2 of Chloride intracellular channel protein 5	1	25.863	24.556	18.879	17.958	12.984	14.697	23.099	3.713
IPI:IPI00027194.1	STX18	Syntaxin-18	3	112.012	143.200	115.284	148.117	121.356	152.548	123.499	17.140
IPI:IPI00027223.2	IDH1	Isocitrate dehydrogenase [NADP] cytoplasmic	12	666.833	597.661	651.514	849.225	935.466	884.899	638.669	36.331
IPI:IPI00027228.1	PET112L	Probable glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027230.3	HSP90B1	Endoplasmin	110	5,449.060	5,716.460	5,571.310	5,569.560	5,411.620	5,314.370	5,578.943	133.863
IPI:IPI00027232.3	IGF1R	Insulin-like growth factor 1 receptor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027235.1	ATRN	Isoform 1 of Attractin	2	97.554	101.577	82.186	211.976	168.695	197.985	93.772	10.234
IPI:IPI00027251.1	STK38	Serine/threonine-protein kinase 38	1	76.439	116.952	81.427	99.026	62.075	98.783	91.606	22.092
IPI:IPI00027252.6	PHB2	Prohibitin-2	5	283.719	282.705	262.804	282.374	276.621	287.767	276.409	11.793
IPI:IPI00027253.3	GABARAP	Gamma-aminobutyric acid receptor-associated protein	1	159.519	176.776	180.603	247.240	157.499	221.941	172.299	11.232
IPI:IPI00027255.1	MYL6B	Myosin light chain 6B	4	327.786	410.771	320.256	399.637	312.237	386.861	352.938	50.226
IPI:IPI00027258.3	SYNPO	Isoform 2 of Synaptopodin	7	433.323	305.693	339.003	357.954	392.227	352.871	359.340	66.201
IPI:IPI00027269.1	CBL	E3 ubiquitin-protein ligase CBL	1	43.278	37.329	45.414	49.545	56.942	49.060	42.007	4.189
IPI:IPI00027273.2	BRCA1	breast cancer 1, early onset isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027280.2	TOP2B	Isoform Beta-2 of DNA topoisomerase 2-beta	19	1,271.680	1,403.450	1,251.550	1,371.440	1,215.500	1,386.970	1,308.893	82.505
IPI:IPI00027285.1	SNRPB	Isoform SM-B' of Small nuclear ribonucleoprotein-associated proteins B and B'	2	122.230	116.708	124.484	117.410	129.665	130.902	121.141	4.001
IPI:IPI00027341.1	CAPG	Macrophage-capping protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027342.1	CAP2	Adenylyl cyclase-associated protein 2	11	562.422	647.134	597.936	515.939	477.026	509.794	602.497	42.540
IPI:IPI00027350.3	PRDX2	Peroxiredoxin-2	8	1,009.750	907.679	932.711	1,039.110	1,082.130	1,061.480	950.047	53.198
IPI:IPI00027378.5	UBXN1	Isoform 1 of UBX domain-containing protein 1	2	92.253	102.572	89.218	96.808	82.846	94.993	94.681	7.000
IPI:IPI00027397.3	HN1L	Isoform 1 of Hematological and neurological expressed 1-like protein	1	83.346	80.383	84.540	64.789	73.021	72.713	82.756	2.141
IPI:IPI00027415.2	DHX36	Isoform 1 of Probable ATP-dependent RNA helicase DHX36	2	101.633	78.408	98.614	61.694	74.079	61.650	92.885	12.628
IPI:IPI00027422.1	ITGB4	Isoform Beta-4C of Integrin beta-4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027423.3	PPP1CA	protein phosphatase 1, catalytic subunit, alpha isoform 3	2	140.208	138.040	144.690	46.875	62.971	44.099	140.979	3.391
IPI:IPI00027434.1	RHOC	Rho-related GTP-binding protein RhoC	17	1,677.920	1,849.420	1,646.070	1,694.730	1,583.930	1,661.750	1,724.470	109.375
IPI:IPI00027437.1	TSPAN9	Tetraspanin-9	1	26.743	27.634	31.683	56.185	73.133	65.516	28.687	2.633
IPI:IPI00027438.2	FLOT1	Flotillin-1	5	232.730	229.396	232.061	218.343	211.336	223.506	231.396	1.764
IPI:IPI00027442.4	AARS	Alanyl-tRNA synthetase, cytoplasmic	46	2,140.870	2,109.950	2,191.990	2,053.970	2,136.980	2,106.830	2,147.603	41.432
IPI:IPI00027443.5	CARS	cysteinyl-tRNA synthetase isoform c	24	1,545.920	1,458.630	1,556.910	1,635.890	1,800.550	1,702.240	1,520.487	53.851
IPI:IPI00027444.1	SERPINB1	Leukocyte elastase inhibitor	8	485.850	453.490	479.646	521.605	586.539	541.205	472.995	17.175
IPI:IPI00027445.1	HARS2	Probable histidyl-tRNA synthetase, mitochondrial	4	211.198	234.575	216.273	233.361	203.948	225.452	220.682	12.296
IPI:IPI00027448.3	ATP5L	ATP synthase subunit g, mitochondrial	4	166.563	153.670	165.426	162.393	184.496	164.254	161.886	7.138
IPI:IPI00027462.1	S100A9	Protein S100-A9	4	174.300	229.737	167.301	249.986	173.511	235.824	190.446	34.206
IPI:IPI00027463.1	S100A6	Protein S100-A6	10	851.304	697.854	837.888	420.196	540.730	466.045	795.682	84.987
IPI:IPI00027464.8	PPP3R1	Calcineurin subunit B type 1	3	128.464	118.383	133.189	106.219	120.528	108.640	126.679	7.563
IPI:IPI00027485.3	EIF4E	Eukaryotic translation initiation factor 4E	6	425.758	400.455	424.238	407.553	437.406	416.034	416.817	14.190
IPI:IPI00027487.3	CKM	Creatine kinase M-type	4	29.519	699.931	4.093	571.432	554.994	37.500	244.514	394.607
IPI:IPI00027493.1	LOC442497;	4F2 cell-surface antigen heavy chain	34	1,441.430	1,553.300	1,495.310	2,043.160	1,967.540	1,871.090	1,496.680	55.948
IPI:IPI00027497.5	GPI	Glucose-6-phosphate isomerase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027505.2	ITGAV	Isoform 1 of Integrin alpha-V	15	1,259.380	1,251.830	1,228.410	1,387.580	1,381.390	1,392.190	1,246.540	16.148
IPI:IPI00027547.2	DCD	Dermcidin	4	249.494	313.518	424.489	266.147	507.417	273.817	329.167	88.541

IPI:IPI00027096.2	5.685	1.729	-0.545	0.10762889	7	325.109	368.511	342.075	266.302	226.173	252.597	345.232	21.873	248.357	20.398	-0.475	0.00503504
IPI:IPI00027107.5	1,593.713	17.704	0.065	0.20796152	48	2,440.730	2,403.320	2,444.580	2,116.930	2,064.520	2,125.450	2,429.543	22.792	2,102.300	32.995	-0.209	0.00029997
IPI:IPI00027120.1	88.803	20.488	0.036	0.90816952	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027139.1	98.230	5.201	0.121	0.22661006	3	138.098	125.612	136.800	125.685	132.631	121.203	133.503	6.865	126.506	5.758	-0.078	0.24982220
IPI:IPI00027166.1	209.696	5.150	1.191	0.00001311	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027175.1	126.848	11.819	0.069	0.62707189	3	129.137	112.359	132.846	79.469	98.812	89.382	124.781	10.916	89.221	9.672	-0.484	0.01390322
IPI:IPI00027178.1	0.000	0.000	n/a	n/a	1	34.911	36.607	36.981	40.969	41.607	38.925	36.166	1.103	40.500	1.401	0.163	0.01520518
IPI:IPI00027180.1	716.920	20.705	0.040	0.25213136	11	541.122	489.229	530.979	386.469	445.359	391.391	520.443	27.504	407.740	32.672	-0.352	0.01099900
IPI:IPI00027181.2	39.680	1.288	0.643	0.00026215	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027192.6	981.110	43.366	0.013	0.82976884	9	580.783	625.971	594.791	281.307	244.323	264.745	600.515	23.131	263.458	18.526	-1.189	0.00005661
IPI:IPI00027193.3	15.213	2.527	-0.603	0.04528727	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027194.1	140.674	16.876	0.188	0.28408015	1	9.089	10.792	8.868	3.327	3.195	3.569	9.583	1.053	3.364	0.190	-1.510	0.00784415
IPI:IPI00027223.2	889.863	43.334	0.479	0.00173355	28	1,226.820	1,252.670	1,276.150	710.281	733.879	739.083	1,251.880	24.674	727.748	15.349	-0.783	0.00003045
IPI:IPI00027228.1	0.000	0.000	n/a	n/a	4	114.060	129.756	122.760	151.587	133.630	144.981	122.192	7.863	143.399	9.082	0.231	0.03879397
IPI:IPI00027230.3	5,431.850	128.792	-0.039	0.24401625	178	7,997.940	8,048.180	8,090.240	7,139.800	7,147.170	7,072.100	8,045.453	46.210	7,119.690	41.379	-0.176	0.00001605
IPI:IPI00027232.3	0.000	0.000	n/a	n/a	7	164.620	151.246	161.237	193.944	209.601	204.245	159.034	6.954	202.597	7.958	0.349	0.00218375
IPI:IPI00027235.1	192.885	22.087	1.041	0.00718536	2	23.917	20.572	20.863	53.447	43.948	42.777	21.784	1.853	46.724	5.852	1.101	0.01183536
IPI:IPI00027251.1	86.628	21.264	-0.081	0.79254460	4	121.304	115.165	111.612	196.587	174.280	192.599	116.027	4.903	187.822	11.896	0.695	0.00381340
IPI:IPI00027252.6	282.254	5.574	0.030	0.49716912	21	591.091	670.259	604.961	692.622	605.747	655.735	622.104	42.276	651.368	43.602	0.066	0.45097069
IPI:IPI00027253.3	208.893	46.271	0.278	0.30283922	7	448.564	471.819	444.881	839.406	798.369	789.477	455.088	14.606	809.084	26.633	0.830	0.00021465
IPI:IPI00027255.1	366.245	47.207	0.053	0.75515199	4	283.511	286.358	291.346	312.199	322.903	339.663	287.072	3.966	324.922	13.843	0.179	0.03370919
IPI:IPI00027258.3	367.684	21.406	0.033	0.85410385	7	313.206	306.521	306.796	258.836	255.286	260.977	308.841	3.783	258.366	2.874	-0.257	0.00008531
IPI:IPI00027269.1	51.849	4.417	0.304	0.04908485	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027273.2	0.000	0.000	n/a	n/a	1	3.018	3.571	4.582	5.495	4.699	4.790	3.724	0.793	4.994	0.436	0.424	0.09026076
IPI:IPI00027280.2	1,324.637	94.834	0.017	0.84090159	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027285.1	125.992	7.458	0.057	0.39271646	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027341.1	0.000	0.000	n/a	n/a	24	960.407	919.248	979.266	1,007.950	1,077.710	976.358	952.974	30.692	1,020.673	51.860	0.099	0.14014340
IPI:IPI00027342.1	500.920	20.919	-0.266	0.03584687	11	732.703	708.934	702.601	737.445	768.399	747.643	714.746	15.870	751.162	15.774	0.072	0.04791144
IPI:IPI00027350.3	1,060.907	21.516	0.159	0.05338633	5	393.615	352.039	372.962	102.124	132.350	110.241	372.872	20.788	114.905	15.643	-1.698	0.00011291
IPI:IPI00027378.5	91.549	7.591	-0.049	0.62775658	3	72.821	74.093	73.477	71.370	76.361	77.318	73.464	0.636	75.016	3.194	0.030	0.49110672
IPI:IPI00027397.3	70.174	4.666	-0.238	0.02736386	2	14.819	12.370	14.834	11.815	14.044	11.065	14.008	1.418	12.308	1.550	-0.187	0.23444934
IPI:IPI00027415.2	65.807	7.163	-0.497	0.04467294	8	428.527	400.873	430.439	517.879	497.259	533.955	419.946	16.546	516.364	18.395	0.298	0.00261650
IPI:IPI00027422.1	0.000	0.000	n/a	n/a	12	348.974	356.742	329.350	633.548	586.985	636.100	345.022	14.117	618.878	27.649	0.843	0.00063773
IPI:IPI00027423.3	51.315	10.189	-1.458	0.00201792	14	574.691	582.166	564.031	457.382	433.642	461.782	573.629	9.114	450.935	15.137	-0.347	0.00079963
IPI:IPI00027434.1	1,646.803	56.892	-0.066	0.35502095	6	184.316	188.761	186.853	217.154	210.352	218.416	186.643	2.230	215.307	4.338	0.206	0.00206523
IPI:IPI00027437.1	64.945	8.489	1.179	0.01194399	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027438.2	217.728	6.108	-0.088	0.05127426	9	352.528	377.144	375.209	331.064	334.573	333.707	368.294	13.688	333.115	1.828	-0.145	0.04487167
IPI:IPI00027442.4	2,099.260	42.020	-0.033	0.22935339	49	1,830.970	1,815.890	1,816.000	2,005.180	2,058.150	2,003.890	1,820.953	8.675	2,022.407	30.961	0.151	0.00493826
IPI:IPI00027443.5	1,712.893	82.845	0.172	0.03542856	26	1,271.970	1,336.460	1,284.610	1,532.820	1,514.750	1,498.930	1,297.680	34.174	1,515.500	16.957	0.224	0.00243978
IPI:IPI00027444.1	549.783	33.306	0.217	0.03825769	15	682.024	674.024	668.255	711.706	704.183	704.886	674.768	6.915	706.925	4.155	0.067	0.00466260
IPI:IPI00027445.1	220.920	15.221	0.002	0.98440090	8	523.175	463.909	520.837	359.012	400.593	368.738	502.640	33.563	376.114	21.750	-0.418	0.00838097
IPI:IPI00027448.3	170.381	12.259	0.074	0.37159285	3	276.000	256.357	287.241	199.711	223.039	202.821	273.199	15.631	208.524	12.666	-0.390	0.00577474
IPI:IPI00027462.1	219.774	40.686	0.207	0.39506502	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027463.1	475.657	60.839	-0.742	0.00797815	10	511.647	478.947	507.039	405.507	455.058	413.075	499.211	17.700	424.547	26.693	-0.234	0.02065936
IPI:IPI00027464.8	111.796	7.659	-0.180	0.07479722	1	24.892	24.082	24.140	15.661	15.918	17.855	24.371	0.452	16.478	1.200	-0.565	0.00348010
IPI:IPI00027485.3	420.331	15.383	0.012	0.78580669	6	347.500	324.767	332.144	275.619	285.841	282.407	334.804	11.598	281.289	5.202	-0.251	0.00692317
IPI:IPI00027487.3	387.975	303.632	0.666	0.64577817	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027493.1	1,960.597	86.245	0.390	0.00268416	23	766.153	808.087	810.402	1,035.090	1,021.420	1,005.670	794.881	24.906	1,020.727	14.722	0.361	0.00057843
IPI:IPI00027497.5	0.000	0.000	n/a	n/a	42	1,427.350	1,317.030	1,444.830	1,487.220	1,656.790	1,500.110	1,396.403	69.293	1,548.040	94.401	0.149	0.09480780
IPI:IPI00027505.2	1,387.053	5.419	0.154	0.00204574	24	1,266.540	1,246.500	1,288.940	1,328.780	1,421.240	1,320.840	1,267.327	21.231	1,356.953	55.815	0.099	0.09437253
IPI:IPI00027547.2	349.127	137.137	0.085	0.84517731	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00027626.3	CCT6A	T-complex protein 1 subunit zeta	26	1,434.990	1,598.260	1,415.460	1,660.440	1,473.810	1,603.870	1,482.903	100.378
IPI:IPI00027681.1	NNMT	Nicotinamide N-methyltransferase	20	1,005.470	1,005.500	1,045.270	1,015.750	1,089.800	1,023.750	1,018.747	22.970
IPI:IPI00027693.4	SP140L	SP140 nuclear body protein-like	1	15.761	13.480	15.094	30.002	31.121	26.551	14.778	1.173
IPI:IPI00027701.3	ACADS	Short-chain specific acyl-CoA dehydrogenase, mitochondrial	1	105.077	106.560	105.726	107.146	99.588	111.028	105.788	0.743
IPI:IPI00027705.2	PRIM2	Isoform 1 of DNA primase large subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027717.1	GEMIN4	Component of gems 4	2	48.249	46.569	50.769	51.813	44.533	47.465	48.529	2.114
IPI:IPI00027721.1	PDGFRA	Isoform 1 of Alpha-type platelet-derived growth factor receptor	1	9.866	14.063	7.950	74.290	57.512	77.727	10.626	3.127
IPI:IPI00027725.1	CASP4	Caspase-4	2	96.274	93.696	106.620	120.345	135.321	125.204	98.863	6.840
IPI:IPI00027728.1	SLC7A1	High affinity cationic amino acid transporter 1	4	322.538	292.805	322.548	317.259	347.503	306.712	312.630	17.169
IPI:IPI00027745.4	GUSB	Isoform Long of Beta-glucuronidase	1	41.489	47.371	42.712	40.917	36.756	40.382	43.857	3.104
IPI:IPI00027761.5	DNAL1	Isoform 1 of Dynein light chain 1, axonemal	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027770.1	SYP	Synaptophysin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027776.6	FECH	Ferrochelatase, mitochondrial	7	332.628	315.718	332.973	293.628	324.463	284.077	327.106	9.864
IPI:IPI00027780.1	MMP2	72 kDa type IV collagenase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027790.3	AMMECR1L	AMMECR1-like protein	1	38.791	37.382	40.079	19.424	28.240	20.276	38.750	1.349
IPI:IPI00027794.6	C11orf68	basophilic leukemia expressed protein BLES03 isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027808.1	POLR2B	DNA-directed RNA polymerase II subunit RPB2	4	268.346	285.768	242.952	281.814	242.711	278.081	265.689	21.531
IPI:IPI00027809.2	PPP3CB	protein phosphatase 3, catalytic subunit, beta isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027818.2	IFT81	Isoform 2 of Intraflagellar transport protein 81 homolog	1	48.524	58.907	54.364	56.891	60.096	63.569	53.932	5.205
IPI:IPI00027821.4	CRISPLD2	Isoform 1 of Cysteine-rich secretory protein LCCL domain-containing 2	1	14.580	18.773	15.972	40.636	37.444	34.653	16.442	2.136
IPI:IPI00027826.6	SLC25A18	Mitochondrial glutamate carrier 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027828.4	POU2F1	Isoform 1 of POU domain, class 2, transcription factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027831.1	GRWD1	Glutamate-rich WD repeat-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027834.3	HNRNPL	Heterogeneous nuclear ribonucleoprotein L	27	1,042.300	1,101.560	1,096.360	1,001.430	955.186	965.558	1,080.073	32.816
IPI:IPI00027851.2	HEXA	cDNA FLJ53927, highly similar to Beta-hexosaminidase alpha chain	5	760.751	708.022	765.221	204.378	238.080	235.814	744.665	31.812
IPI:IPI00027887.4	PDRG1	p53 and DNA damage-regulated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00027909.1	DNAJC25	Isoform 1 of DnaJ homolog subfamily C member 25	1	78.100	83.503	83.114	107.820	92.923	93.714	81.572	3.013
IPI:IPI00027988.1	CTCF	Transcriptional repressor CTCF	1	120.462	110.498	120.128	105.630	128.054	106.781	117.029	5.659
IPI:IPI00027996.1	CORO7	Coronin-7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028004.2	PSMB3	Proteasome subunit beta type-3	3	201.759	181.001	200.106	239.368	283.631	244.244	194.289	11.537
IPI:IPI00028005.1	NUP107	Nuclear pore complex protein Nup107	2	112.473	133.624	121.539	99.111	84.513	96.529	122.545	10.611
IPI:IPI00028006.1	PSMB2	Proteasome subunit beta type-2	3	303.124	281.148	325.718	306.795	382.883	300.019	303.330	22.286
IPI:IPI00028027.3	GSDMD	Gasdermin-D	1	64.674	58.805	56.755	62.182	57.912	63.701	60.078	4.110
IPI:IPI00028031.2	ACADVL	cDNA FLJ56425, highly similar to Very-long-chain specific acyl-CoAdehydrogenase, mitochondrial	13	969.140	991.840	931.510	901.711	886.609	921.581	964.163	30.471
IPI:IPI00028040.1	FADS3	Fatty acid desaturase 3	3	141.059	139.112	136.175	124.884	132.182	128.751	138.782	2.459
IPI:IPI00028050.2	EEFSEC	Selenocysteine-specific elongation factor	1	120.023	98.747	114.187	102.596	110.232	111.284	110.986	10.993
IPI:IPI00028051.2	VPS41	Isoform Long of Vacuolar protein sorting-associated protein 41 homolog	3	87.459	79.368	83.802	106.279	107.807	113.521	83.543	4.052
IPI:IPI00028055.4	TMED10	Transmembrane emp24 domain-containing protein 10	14	1,197.330	1,113.280	1,241.450	1,046.450	1,183.860	998.032	1,184.020	65.113
IPI:IPI00028059.1	NUMB	Isoform 1 of Protein numb homolog	4	332.969	339.851	341.188	324.943	327.050	322.035	338.003	4.410
IPI:IPI00028065.1	NCK1	Cytoplasmic protein NCK1	3	232.112	249.146	229.698	264.729	260.321	277.511	236.985	10.600
IPI:IPI00028082.1	RECK	Reversion-inducing cysteine-rich protein with Kazal motifs	4	200.014	189.189	201.385	215.446	230.129	223.664	196.863	6.681
IPI:IPI00028083.1	EIF2B2	Translation initiation factor eIF-2B subunit beta	1	55.777	47.837	54.116	47.488	57.091	51.574	52.576	4.188
IPI:IPI00028091.3	ACTR3	Actin-related protein 3	18	1,286.260	1,339.950	1,265.340	1,373.550	1,345.100	1,365.550	1,297.183	38.486
IPI:IPI00028099.2	CHM	Rab proteins geranylgeranyltransferase component A 1	1	7.909	7.550	7.478	8.138	8.812	7.663	7.646	0.231
IPI:IPI00028108.1	RGS19	Regulator of G-protein signaling 19	1	0.000	1.969	0.000	1.610	0.000	0.002	0.656	1.137
IPI:IPI00028122.1	PSIP1	Isoform 1 of PC4 and SFRS1-interacting protein	16	1,256.750	1,180.890	1,263.650	780.560	821.313	807.707	1,233.763	45.919
IPI:IPI00028127.1	ETS1	Isoform c-ETS-1A of Protein C-ets-1	1	3.725	4.010	2.559	0.000	2.793	2.632	3.431	0.769
IPI:IPI00028160.1	HMBS	Isoform 1 of Porphobilinogen deaminase	6	393.325	406.764	390.559	413.708	416.074	425.644	396.883	8.669
IPI:IPI00028177.4	PRUNE	Isoform 5 of Protein prune homolog	3	96.363	93.373	100.113	97.509	105.441	99.882	96.616	3.377
IPI:IPI00028262.1	ITPRIP	67 kDa protein	2	97.917	93.806	105.024	60.183	74.910	58.479	98.916	5.675
IPI:IPI00028264.3	EXOC8	Exocyst complex component 8	4	211.039	217.985	207.247	207.948	202.194	202.578	212.090	5.446
IPI:IPI00028275.2	CKAP5	Isoform 1 of Cytoskeleton-associated protein 5	38	2,606.400	2,672.750	2,645.460	2,678.080	2,515.880	2,574.630	2,641.537	33.349

IPI:IPI00027626.3	1,579.373	95.696	0.091	0.29519542	39	1,414.420	1,453.480	1,455.060	1,534.680	1,568.350	1,503.960	1,440.987	23.021	1,535.663	32.206	0.092	0.01762215
IPI:IPI00027681.1	1,043.100	40.641	0.034	0.43121695	6	557.527	555.609	581.168	7.274	30.019	30.157	564.768	14.235	22.483	13.172	-4.651	0.00000140
IPI:IPI00027693.4	29.225	2.382	0.984	0.00285854	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027701.3	105.921	5.817	0.002	0.97215532	5	325.000	312.251	343.581	287.022	318.760	286.823	326.944	15.755	297.535	18.382	-0.136	0.10484443
IPI:IPI00027705.2	0.000	0.000	n/a	n/a	1	81.189	71.294	81.381	61.267	73.519	65.402	77.954	5.769	66.729	6.233	-0.224	0.08434242
IPI:IPI00027717.1	47.937	3.663	-0.018	0.82323279	2	41.701	40.549	44.919	39.405	47.280	40.754	42.390	2.265	42.480	4.212	0.003	0.97651043
IPI:IPI00027721.1	69.843	10.816	2.717	0.00715053	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027725.1	126.957	7.640	0.361	0.00927677	2	63.629	73.250	69.768	99.212	82.261	95.630	68.882	4.871	92.367	8.934	0.423	0.02655890
IPI:IPI00027728.1	323.825	21.173	0.051	0.51785882	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027745.4	39.352	2.263	-0.156	0.11911731	1	51.427	63.365	48.322	30.725	27.937	31.986	54.372	7.942	30.216	2.072	-0.848	0.02792504
IPI:IPI00027761.5	0.000	0.000	n/a	n/a	1	54.602	58.473	51.359	75.152	61.179	62.882	54.812	3.562	66.405	7.623	0.277	0.10224012
IPI:IPI00027770.1	0.000	0.000	n/a	n/a	1	27.947	22.844	29.784	44.537	45.855	43.430	26.858	3.595	44.607	1.214	0.732	0.00794510
IPI:IPI00027776.6	300.723	21.107	-0.121	0.15067985	13	560.781	576.540	571.872	332.704	368.594	348.705	569.731	8.095	350.001	17.980	-0.703	0.00048281
IPI:IPI00027780.1	0.000	0.000	n/a	n/a	1	22.583	20.602	19.653	28.207	26.414	24.295	20.946	1.495	26.305	1.958	0.329	0.02220779
IPI:IPI00027790.3	22.646	4.863	-0.775	0.02255200	2	96.108	111.968	107.808	78.011	73.613	87.444	105.295	8.223	79.689	7.067	-0.402	0.01567003
IPI:IPI00027794.6	0.000	0.000	n/a	n/a	1	18.135	20.782	18.860	27.836	26.804	25.538	19.259	1.368	26.726	1.151	0.473	0.00216696
IPI:IPI00027808.1	267.535	21.579	0.010	0.92178434	5	145.314	167.789	142.041	208.458	167.283	188.467	151.715	14.017	188.069	20.590	0.310	0.07360431
IPI:IPI00027809.2	0.000	0.000	n/a	n/a	1	41.187	36.629	36.958	46.243	37.937	43.366	38.258	2.542	42.515	4.217	0.152	0.22402504
IPI:IPI00027818.2	60.185	3.340	0.158	0.16707914	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027821.4	37.577	2.994	1.193	0.00093520	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027826.6	0.000	0.000	n/a	n/a	2	13.778	13.421	12.894	14.817	12.247	13.720	13.364	0.445	13.595	1.290	0.025	0.79420044
IPI:IPI00027828.4	0.000	0.000	n/a	n/a	5	140.149	160.735	140.541	137.292	133.106	137.774	147.142	11.774	136.057	2.567	-0.113	0.24210825
IPI:IPI00027831.1	0.000	0.000	n/a	n/a	3	107.102	115.897	109.189	126.241	122.209	124.017	110.729	4.595	124.156	2.020	0.165	0.02298127
IPI:IPI00027834.3	974.058	24.265	-0.149	0.01310815	94	2,470.690	2,424.990	2,514.760	2,916.730	3,055.290	2,929.980	2,470.147	44.887	2,967.333	76.460	0.265	0.00169464
IPI:IPI00027851.2	226.091	18.838	-1.720	0.00009023	9	844.463	861.101	857.746	218.147	236.585	238.500	854.437	8.799	231.077	11.239	-1.887	0.00000038
IPI:IPI00027887.4	0.000	0.000	n/a	n/a	2	70.784	59.599	70.666	57.761	67.713	62.094	67.016	6.424	62.523	4.989	-0.100	0.39658483
IPI:IPI00027909.1	98.153	8.382	0.267	0.06229037	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00027988.1	113.488	12.627	-0.044	0.69024611	10	374.774	413.866	388.769	569.688	534.747	559.121	392.470	19.807	554.519	17.919	0.499	0.00049227
IPI:IPI00027996.1	0.000	0.000	n/a	n/a	2	58.482	63.001	61.804	80.722	79.907	83.957	61.095	2.341	81.529	2.142	0.416	0.00038518
IPI:IPI00028004.2	255.748	24.270	0.397	0.03167943	2	271.777	236.469	278.001	129.251	165.902	138.665	262.082	22.399	144.606	19.034	-0.858	0.00252179
IPI:IPI00028005.1	93.385	7.791	-0.392	0.02174359	4	199.961	182.793	204.078	144.355	184.502	161.274	195.611	11.290	163.377	20.156	-0.260	0.09058990
IPI:IPI00028006.1	329.899	46.010	0.121	0.43673447	1	0.000	0.000	1.766	0.000	0.004	0.000	0.589	1.020	0.001	0.002	-8.898	0.42344779
IPI:IPI00028027.3	61.265	3.001	0.028	0.70911571	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028031.2	903.300	17.540	-0.094	0.05333522	15	628.875	628.127	653.195	412.215	443.510	429.975	636.732	14.262	428.567	15.695	-0.571	0.00007585
IPI:IPI00028040.1	128.606	3.651	-0.110	0.02085186	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028050.2	108.037	4.742	-0.039	0.70239918	2	88.651	77.028	89.239	105.789	130.629	110.166	84.973	6.886	115.528	13.260	0.443	0.03821936
IPI:IPI00028051.2	109.202	3.817	0.386	0.00135959	8	362.461	397.953	372.927	422.195	370.899	429.315	377.780	18.237	407.470	31.871	0.109	0.25120169
IPI:IPI00028055.4	1,076.114	96.400	-0.138	0.19326216	15	834.994	840.403	866.645	764.303	798.268	797.526	847.347	16.930	786.699	19.399	-0.107	0.01566463
IPI:IPI00028059.1	324.676	2.518	-0.058	0.01760189	4	156.760	138.230	164.418	133.191	151.023	140.553	153.136	13.465	141.589	8.961	-0.113	0.29326222
IPI:IPI00028065.1	267.520	8.928	0.175	0.01989845	4	262.489	278.672	252.036	279.318	245.656	274.186	264.399	13.420	266.387	18.136	0.011	0.89272392
IPI:IPI00028082.1	223.080	7.359	0.180	0.01052295	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028083.1	52.051	4.819	-0.014	0.89384767	7	243.002	223.203	249.299	241.882	277.662	246.485	238.501	13.618	255.343	19.465	0.098	0.29415906
IPI:IPI00028091.3	1,361.400	14.672	0.070	0.08732118	17	757.399	717.515	759.925	646.950	701.452	672.010	744.946	23.790	673.471	27.280	-0.146	0.02763563
IPI:IPI00028099.2	8.204	0.577	0.102	0.23071448	2	23.944	27.234	21.182	33.573	28.896	27.340	24.120	3.030	29.936	3.244	0.312	0.08608298
IPI:IPI00028108.1	0.537	0.929	-0.289	0.89611471	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028122.1	803.193	20.748	-0.619	0.00099508	10	478.262	467.064	478.558	327.168	333.410	335.365	474.628	6.552	331.981	4.281	-0.516	0.00002298
IPI:IPI00028127.1	1.808	1.568	-0.924	0.20894278	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028160.1	418.475	6.320	0.076	0.02913930	6	422.247	390.575	414.175	503.309	508.785	502.811	408.999	16.458	504.968	3.315	0.304	0.00773796
IPI:IPI00028177.4	100.944	4.071	0.063	0.23242062	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028262.1	64.524	9.035	-0.616	0.00829694	1	104.729	92.207	107.862	94.986	105.068	104.538	101.599	8.284	101.531	5.674	-0.001	0.99156747
IPI:IPI00028264.3	204.240	3.217	-0.054	0.11398972	3	234.688	266.316	228.353	170.789	159.540	163.489	243.119	20.337	164.606	5.707	-0.563	0.01598500
IPI:IPI00028275.2	2,589.530	82.120	-0.029	0.39385961	58	2,400.540	2,523.980	2,454.100	3,212.870	3,016.950	3,184.450	2,459.540	61.900	3,138.090	105.868	0.351	0.00177843

IPI:IPI00028277.8	FTO	Isoform 1 of Protein fto	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028279.5	TSPYL5	Testis-specific Y-encoded-like protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028296.1	CAMK1	Calcium/calmodulin-dependent protein kinase type 1	1	81.898	77.066	79.490	69.617	84.895	77.575	79.485	2.416
IPI:IPI00028357.2	XPO4	Exportin-4	1	32.367	28.661	33.301	25.795	34.052	30.154	31.443	2.454
IPI:IPI00028359.2	SH3BP5L	SH3 domain-binding protein 5-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028366.2	SETD7	Histone-lysine N-methyltransferase SETD7	3	165.273	171.580	179.647	130.726	136.206	132.406	172.167	7.205
IPI:IPI00028369.6	KIAA1715	Isoform 1 of Protein lunapark	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028376.1	TIMM8A	Mitochondrial import inner membrane translocase subunit Tim8 A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028387.3	DDRGK1	Isoform 1 of DDRGK domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028390.1	MRPL34	39S ribosomal protein L34, mitochondrial	1	72.806	67.846	71.584	49.214	49.539	46.576	70.745	2.584
IPI:IPI00028391.2	ZNF436	Zinc finger protein 436	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028412.1	SSSCA1	Sjoegren syndrome/scleroderma autoantigen 1	2	81.730	89.246	76.143	86.691	72.749	89.971	82.373	6.575
IPI:IPI00028413.8	ITIH3	Isoform 1 of Inter-alpha-trypsin inhibitor heavy chain H3	2	101.614	74.654	103.149	241.614	277.935	249.206	93.139	16.027
IPI:IPI00028414.3	GMFG	Glia maturation factor gamma	2	69.966	80.746	72.597	79.870	72.028	77.756	74.436	5.621
IPI:IPI00028419.2	BNIP3L	My020 protein	3	112.879	145.846	153.169	189.758	213.170	183.651	137.298	21.462
IPI:IPI00028481.1	RAB8A	Ras-related protein Rab-8A	8	423.832	390.112	417.501	471.846	504.281	483.074	410.482	17.922
IPI:IPI00028491.4	AGPAT5	1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028493.3	TSC2	Isoform 1 of Tuberin	1	6.486	7.656	6.789	7.863	4.716	7.244	6.977	0.608
IPI:IPI00028520.2	NDUFV1	Isoform 1 of NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial	6	275.361	233.606	271.901	263.199	295.986	256.924	260.289	23.173
IPI:IPI00028564.1	GBP1	Interferon-induced guanylate-binding protein 1	23	1,444.530	1,478.790	1,493.450	1,351.930	1,282.710	1,325.910	1,472.257	25.106
IPI:IPI00028565.4	GBP2	Interferon-induced guanylate-binding protein 2	7	542.877	554.118	553.487	518.474	502.470	513.435	550.161	6.316
IPI:IPI00028570.2	GSK3B	Isoform 1 of Glycogen synthase kinase-3 beta	4	170.013	191.286	170.359	201.422	175.243	208.741	177.219	12.183
IPI:IPI00028579.3	TAF6	Isoform 1 of Transcription initiation factor TFIID subunit 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028610.4	ATP7A	Isoform 4 of Copper-transporting ATPase 1	1	122.804	104.031	107.456	152.898	179.500	171.316	111.430	9.998
IPI:IPI00028618.2	MGMT	O-6-methylguanine-DNA methyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028635.4	RPN2	Ribophorin II, isoform CRA_d	18	1,067.260	1,014.310	1,034.380	1,024.450	1,093.780	1,084.350	1,038.650	26.732
IPI:IPI00028670.1	INHBA	Inhibin beta A chain	1	11.459	10.264	10.773	5.741	8.614	4.066	10.832	0.599
IPI:IPI00028881.1	NDUFA3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028883.1	NDUFB8	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial	2	19.998	20.738	18.024	19.948	11.920	18.483	19.587	1.403
IPI:IPI00028888.1	HNRNPD	Isoform 1 of Heterogeneous nuclear ribonucleoprotein D0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028908.3	NID2	Nidogen-2	1	46.147	39.775	43.586	60.355	58.454	58.572	43.169	3.207
IPI:IPI00028911.2	DAG1	Dystroglycan	6	207.712	187.258	222.935	353.255	424.950	373.033	205.968	17.902
IPI:IPI00028912.2	VEZF1	zinc finger protein 161	1	2.934	2.921	1.784	4.119	2.366	1.917	2.546	0.660
IPI:IPI00028931.2	DSG2	Desmoglein-2	7	202.443	176.882	201.782	276.236	304.590	295.160	193.702	14.571
IPI:IPI00028946.2	RTN3	Isoform 3 of Reticulon-3	4	321.840	294.578	321.157	134.843	162.955	143.893	312.525	15.546
IPI:IPI00028954.1	MCM3AP	80 kDa MCM3-associated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00028955.4	BOP1	Ribosome biogenesis protein BOP1	2	142.450	149.456	135.470	127.959	109.656	121.147	142.459	6.993
IPI:IPI00028957.2	UBE4A	Isoform 2 of Ubiquitin conjugation factor E4 A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029009.3	PIP5K1C	Phosphatidylinositol-4-phosphate 5-kinase type-1 gamma	3	174.492	187.372	174.583	197.296	184.508	165.031	178.816	7.410
IPI:IPI00029011.5	KIF1B	Isoform 1 of Kinesin-like protein KIF1B	1	56.933	68.052	57.293	67.370	58.345	75.779	60.759	6.318
IPI:IPI00029012.1	EIF3A	Eukaryotic translation initiation factor 3 subunit A	34	2,622.770	2,561.650	2,557.270	2,561.520	2,580.390	2,513.550	2,580.563	36.618
IPI:IPI00029015.1	KDSR	3-ketodihydrosphingosine reductase	2	62.041	51.444	64.342	73.060	89.569	75.882	59.276	6.879
IPI:IPI00029019.6	UBAP2L	Isoform 2 of Ubiquitin-associated protein 2-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029046.1	MLEC	Malectin	9	570.095	600.774	607.240	643.333	717.730	679.124	592.703	19.844
IPI:IPI00029048.2	TTLL12	Tubulin--tyrosine ligase-like protein 12	3	149.353	133.695	141.653	163.054	179.141	172.331	141.567	7.829
IPI:IPI00029054.1	NT5C2	Cytosolic purine 5'-nucleotidase	1	127.730	115.780	120.573	106.531	117.108	108.690	121.361	6.014
IPI:IPI00029056.2	SEPHS1	Selenide, water dikinase 1	1	29.758	27.267	32.196	32.606	40.689	35.011	29.740	2.464
IPI:IPI00029079.5	GMPS	GMP synthase [glutamine-hydrolyzing]	6	400.481	377.340	404.804	340.254	376.364	345.546	394.208	14.767
IPI:IPI00029095.1	TFDP1	Transcription factor Dp-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029099.5	FAM69A	Isoform 1 of Protein FAM69A	2	54.131	57.198	50.577	68.334	58.021	66.637	53.969	3.314
IPI:IPI00029111.3	DPYSL3	Collapsin response mediator protein 4 long variant	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00028277.8	0.000	0.000	n/a	n/a	1	84.671	97.092	89.865	53.191	44.838	50.304	90.543	6.238	49.444	4.242	-0.873	0.00127553
IPI:IPI00028279.5	0.000	0.000	n/a	n/a	3	97.658	102.881	97.711	165.874	165.891	168.580	99.417	3.000	166.782	1.557	0.746	0.00005299
IPI:IPI00028296.1	77.362	7.641	-0.039	0.68534141	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028357.2	30.001	4.131	-0.068	0.63723330	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028359.2	0.000	0.000	n/a	n/a	1	50.609	45.514	55.490	38.456	49.715	42.092	50.537	4.988	43.421	5.746	-0.219	0.18200185
IPI:IPI00028366.2	133.113	2.808	-0.371	0.00541751	6	179.252	170.295	179.667	173.734	202.523	187.148	176.405	5.295	187.802	14.406	0.090	0.30410307
IPI:IPI00028369.6	0.000	0.000	n/a	n/a	5	236.294	238.355	235.368	173.196	182.576	183.888	236.672	1.529	179.887	5.831	-0.396	0.00210147
IPI:IPI00028376.1	0.000	0.000	n/a	n/a	6	695.018	726.204	692.726	303.359	295.013	307.002	704.649	18.702	301.791	6.146	-1.223	0.00023602
IPI:IPI00028387.3	0.000	0.000	n/a	n/a	1	30.613	29.435	29.540	37.549	32.327	35.240	29.863	0.652	35.039	2.617	0.231	0.06801615
IPI:IPI00028390.1	48.443	1.625	-0.546	0.00059518	1	63.373	56.803	66.076	49.910	57.084	48.618	62.084	4.769	51.870	4.561	-0.259	0.05530680
IPI:IPI00028391.2	0.000	0.000	n/a	n/a	1	15.836	15.303	16.338	17.690	18.556	15.063	15.826	0.518	17.103	1.819	0.112	0.34858468
IPI:IPI00028412.1	83.137	9.145	0.013	0.91309964	3	21.501	24.348	22.665	11.319	16.199	9.039	22.838	1.432	12.186	3.658	-0.906	0.02497699
IPI:IPI00028413.8	256.252	19.158	1.460	0.00041231	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028414.3	76.551	4.057	0.040	0.62862193	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028419.2	195.526	15.582	0.510	0.02252805	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028481.1	486.400	16.471	0.245	0.00588292	6	300.534	299.867	320.083	260.046	294.735	266.299	306.828	11.484	273.693	18.489	-0.165	0.06958524
IPI:IPI00028491.4	0.000	0.000	n/a	n/a	2	62.184	58.450	67.254	68.113	68.345	64.872	62.629	4.419	67.110	1.941	0.100	0.21518347
IPI:IPI00028493.3	6.608	1.667	-0.078	0.74671856	3	79.404	69.783	77.046	92.867	93.404	97.267	75.411	5.015	94.513	2.401	0.326	0.01073858
IPI:IPI00028520.2	272.036	20.977	0.064	0.55174792	7	280.783	275.652	285.737	221.907	253.123	239.647	280.724	5.043	238.226	15.656	-0.237	0.03255048
IPI:IPI00028564.1	1,320.183	34.964	-0.157	0.00495640	3	77.822	96.539	83.077	44.925	43.169	51.907	85.813	9.654	46.667	4.622	-0.879	0.00907005
IPI:IPI00028565.4	511.460	8.183	-0.105	0.00360747	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028570.2	195.135	17.612	0.139	0.22956967	1	10.854	11.501	10.587	11.648	15.706	11.746	10.981	0.470	13.033	2.315	0.247	0.26216679
IPI:IPI00028579.3	0.000	0.000	n/a	n/a	3	85.287	81.254	90.255	110.796	105.957	110.910	85.599	4.508	109.221	2.827	0.352	0.00303911
IPI:IPI00028610.4	167.905	13.625	0.592	0.00575144	3	182.980	189.718	174.467	269.982	226.023	286.119	182.388	7.643	260.708	31.103	0.515	0.04204897
IPI:IPI00028618.2	0.000	0.000	n/a	n/a	3	168.501	189.754	182.052	183.141	163.134	175.762	180.102	10.760	174.012	10.118	-0.050	0.51524776
IPI:IPI00028635.4	1,067.527	37.602	0.040	0.34580498	15	547.083	504.469	517.485	346.777	387.307	364.902	523.012	21.838	366.329	20.303	-0.514	0.00082852
IPI:IPI00028670.1	6.140	2.300	-0.819	0.06361367	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028881.1	0.000	0.000	n/a	n/a	2	76.519	59.142	73.685	43.835	54.772	50.119	69.782	9.323	49.575	5.489	-0.493	0.04311133
IPI:IPI00028883.1	16.783	4.275	-0.223	0.37628392	6	233.462	206.391	225.671	181.233	192.058	179.368	221.841	13.936	184.220	6.852	-0.268	0.02616401
IPI:IPI00028888.1	0.000	0.000	n/a	n/a	34	2,068.740	1,950.470	2,037.380	1,779.330	1,953.380	1,817.450	2,018.863	61.271	1,850.053	91.491	-0.126	0.06538019
IPI:IPI00028908.3	59.127	1.065	0.454	0.00791279	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028911.2	383.746	37.029	0.898	0.00566158	8	518.776	468.770	516.272	617.397	693.887	613.164	501.273	28.176	641.483	45.433	0.356	0.01580859
IPI:IPI00028912.2	2.801	1.164	0.137	0.76399748	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00028931.2	291.995	14.439	0.592	0.00115410	6	193.746	184.199	197.899	186.287	198.519	195.051	191.948	7.025	193.286	6.304	0.010	0.82038802
IPI:IPI00028946.2	147.230	14.350	-1.086	0.00018123	2	120.484	112.623	122.058	80.272	104.372	83.732	118.388	5.055	89.459	13.031	-0.404	0.04724789
IPI:IPI00028954.1	0.000	0.000	n/a	n/a	3	78.856	87.243	88.649	106.846	97.881	109.306	84.916	5.295	104.678	6.013	0.302	0.01339924
IPI:IPI00028955.4	119.587	9.251	-0.252	0.03012624	4	306.113	333.755	315.210	394.329	329.516	383.367	318.359	14.088	369.071	34.691	0.213	0.11276877
IPI:IPI00028957.2	0.000	0.000	n/a	n/a	1	31.871	43.125	29.867	81.686	53.836	77.525	34.954	7.146	71.016	15.023	1.023	0.03580902
IPI:IPI00029009.3	182.278	16.248	0.028	0.76197199	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029011.5	67.165	8.719	0.145	0.36626425	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029012.1	2,551.820	34.460	-0.016	0.37867532	68	2,695.900	2,771.020	2,735.630	3,750.730	3,608.320	3,637.670	2,734.183	37.581	3,665.573	75.194	0.423	0.00034932
IPI:IPI00029015.1	79.503	8.830	0.424	0.03822164	1	48.466	51.210	46.033	37.109	33.829	36.498	48.570	2.590	35.812	1.744	-0.440	0.00341221
IPI:IPI00029019.6	0.000	0.000	n/a	n/a	18	481.992	458.021	487.454	425.058	490.620	445.985	475.822	15.656	453.888	33.488	-0.068	0.38376606
IPI:IPI00029046.1	680.062	37.207	0.198	0.03608775	7	414.077	397.198	417.692	358.473	377.090	372.617	409.656	10.939	369.393	9.718	-0.149	0.00917546
IPI:IPI00029048.2	171.509	8.075	0.277	0.00998128	5	217.692	195.767	224.839	160.026	181.430	162.555	212.766	15.149	168.004	11.696	-0.341	0.01753798
IPI:IPI00029054.1	110.776	5.589	-0.132	0.08969009	3	77.746	67.183	82.360	106.388	133.474	102.881	75.763	7.781	114.248	16.743	0.593	0.04023498
IPI:IPI00029056.2	36.102	4.151	0.280	0.09996507	9	448.515	414.107	473.974	411.574	448.741	410.597	445.532	30.045	423.637	21.746	-0.073	0.36996896
IPI:IPI00029079.5	354.055	19.501	-0.155	0.05079114	27	976.857	973.957	982.422	1,118.470	1,111.460	1,109.740	977.745	4.302	1,113.223	4.624	0.187	0.00000333
IPI:IPI00029095.1	0.000	0.000	n/a	n/a	1	7.331	10.099	8.166	9.160	8.859	9.725	8.532	1.420	9.248	0.440	0.116	0.48038482
IPI:IPI00029099.5	64.330	5.530	0.253	0.06254967	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029111.3	0.000	0.000	n/a	n/a	2	27.443	30.892	24.857	91.239	63.847	81.113	27.730	3.028	78.733	13.850	1.505	0.01977510

IPI:IPI00029114.1	ICT1	Immature colon carcinoma transcript 1 protein	1	48.057	42.512	51.015	44.255	52.419	45.999	47.194	4.317
IPI:IPI00029133.4	ATP5F1	ATP synthase subunit b, mitochondrial	10	860.010	839.998	1,004.090	736.567	824.000	754.406	901.366	89.523
IPI:IPI00029143.1	GNB3	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3	2	43.532	44.037	40.850	79.803	59.493	71.045	42.806	1.713
IPI:IPI00029144.1	PPP2R3A	Isoform PR130 of Serine/threonine-protein phosphatase 2A regulatory subunit B'' subunit alpha	2	29.942	27.411	32.735	29.055	34.992	32.942	30.029	2.663
IPI:IPI00029159.5	MRE11A	cDNA FLJ38069 fis, clone CTONG2015434, highly similar to DOUBLE-STRAND BREAK REPAIR PROTEIN MRE11A	5	389.530	358.550	387.037	394.459	411.225	410.899	378.372	17.212
IPI:IPI00029162.3	CDC2L5	Isoform 2 of Cell division cycle 2-like protein kinase 5	1	67.176	54.401	60.912	60.538	58.587	51.506	60.830	6.388
IPI:IPI00029175.5	KIAA0196	Strumpellin	3	130.131	146.139	138.294	189.745	155.957	178.600	138.188	8.005
IPI:IPI00029219.1	ACVR1	Activin receptor type-1	1	37.020	37.210	33.795	68.524	63.350	70.781	36.008	1.919
IPI:IPI00029264.3	CYC1	Cytochrome c1, heme protein, mitochondrial	3	349.865	336.549	345.777	370.691	383.419	396.941	344.064	6.821
IPI:IPI00029266.1	SNRPE	Small nuclear ribonucleoprotein E	1	10.695	11.609	13.088	13.161	11.014	9.480	11.797	1.208
IPI:IPI00029267.1	SNRPB2	U2 small nuclear ribonucleoprotein B''	6	340.988	397.687	334.301	226.249	182.564	217.799	357.659	34.826
IPI:IPI00029273.1	MET	Isoform 1 of Hepatocyte growth factor receptor	1	28.700	32.455	28.300	51.503	53.437	52.476	29.819	2.292
IPI:IPI00029324.1	MID1	Isoform 1 of Midline-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029400.2	ZRANB2	Isoform 1 of Zinc finger Ran-binding domain-containing protein 2	6	310.404	296.159	306.116	238.646	251.509	252.851	304.226	7.308
IPI:IPI00029403.1	SNX4	Sorting nexin-4	3	94.305	93.431	90.859	103.190	92.633	100.803	92.865	1.792
IPI:IPI00029422.1	KIF20A	Kinesin-like protein KIF20A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029447.5	GOSR1	Golgi SNAP receptor complex member 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029468.1	ACTR1A	Alpha-centractin	8	551.543	538.208	535.003	489.694	508.233	495.576	541.585	8.772
IPI:IPI00029469.1	ACTR1B	Beta-centractin	1	35.598	34.890	46.400	44.445	52.216	36.062	38.962	6.451
IPI:IPI00029472.2	ATE1	Isoform ATE1-1 of Arginyl-tRNA--protein transferase 1	3	234.562	208.229	228.144	243.731	261.848	255.656	223.645	13.731
IPI:IPI00029473.5	C17orf75	Protein Njmu-R1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029484.1	ZMYM3	Isoform 1 of Zinc finger MYM-type protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029485.2	DCTN1	Isoform p150 of Dynactin subunit 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029515.3	PLEKHA5	Isoform 1 of Pleckstrin homology domain-containing family A member 5	1	27.628	34.038	32.837	39.362	31.047	38.749	31.501	3.407
IPI:IPI00029521.5	GORAB	Isoform 1 of RAB6-interacting golgin	1	5.510	5.100	4.395	6.647	4.830	5.330	5.002	0.564
IPI:IPI00029534.1	PPAT	Amidophosphoribosyltransferase	1	43.659	64.241	49.248	63.554	41.135	56.224	52.383	10.643
IPI:IPI00029557.3	GRPEL1	GrpE protein homolog 1, mitochondrial	11	708.958	700.633	731.375	733.849	726.435	714.379	713.655	15.900
IPI:IPI00029558.1	NDUFC2	NADH dehydrogenase [ubiquinone] 1 subunit C2	4	281.365	297.711	269.541	324.768	291.485	326.616	282.872	14.145
IPI:IPI00029561.1	NDUFA10	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial	8	648.701	619.847	642.399	698.575	681.322	683.791	636.982	15.170
IPI:IPI00029601.6	CTTN	Src substrate cortactin	37	2,379.600	2,430.660	2,403.890	2,391.230	2,316.300	2,339.590	2,404.717	25.540
IPI:IPI00029605.1	GALNS	N-acetylgalactosamine-6-sulfatase	1	114.500	104.927	130.557	85.697	109.743	98.170	116.661	12.951
IPI:IPI00029623.1	PSMA6	Proteasome subunit alpha type-6	18	1,433.880	1,476.350	1,385.140	1,671.760	1,673.440	1,644.610	1,431.790	45.641
IPI:IPI00029628.1	RCN2	Reticulocalbin-2	9	460.244	509.862	444.888	492.345	416.942	499.696	471.665	33.959
IPI:IPI00029629.3	TRIM25	Tripartite motif-containing protein 25	10	675.577	637.924	657.822	895.743	948.182	910.718	657.108	18.837
IPI:IPI00029631.1	ERH	Enhancer of rudimentary homolog	2	129.133	116.469	133.483	94.099	118.950	98.849	126.362	8.839
IPI:IPI00029643.3	ZAK	Isoform 2 of Mitogen-activated protein kinase kinase kinase MLT	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029656.1	DFNA5	Isoform Long of Non-syndromic hearing impairment protein 5	5	197.578	213.356	207.561	253.064	243.394	242.516	206.165	7.981
IPI:IPI00029661.4	EVI5	Ecotropic viral integration site 5	2	99.560	102.928	108.349	97.229	96.104	99.498	103.612	4.434
IPI:IPI00029665.8	MMAB	Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029693.2	NRP2	Isoform A22 of Neuropilin-2	3	43.507	34.196	49.092	180.572	186.102	183.892	42.265	7.525
IPI:IPI00029695.2	SMARCB1	Isoform A of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1	5	304.059	298.121	291.938	231.056	238.910	240.668	298.039	6.061
IPI:IPI00029697.3	EXOSC9	Isoform 2 of Exosome complex exonuclease RRP45	2	107.035	97.067	109.087	89.526	104.904	92.375	104.396	6.430
IPI:IPI00029705.2	TUBGCP2	Gamma-tubulin complex component 2	4	192.162	177.068	197.056	168.984	199.362	184.300	188.762	10.419
IPI:IPI00029723.1	FSTL1	Follistatin-related protein 1	19	1,146.330	1,040.250	1,123.700	1,207.890	1,351.810	1,287.190	1,103.427	55.870
IPI:IPI00029728.3	ERCC2	TFIIH basal transcription factor complex helicase subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029730.1	STX4	Syntaxin-4	6	278.054	249.743	280.003	320.822	358.287	306.684	269.267	16.936
IPI:IPI00029731.8	RPL35A	60S ribosomal protein L35a	18	1,132.380	1,142.140	1,126.400	1,073.380	1,045.890	1,111.650	1,133.640	7.945
IPI:IPI00029737.1	ACSL4	Isoform Long of Long-chain-fatty-acid--CoA ligase 4	7	371.101	371.482	383.811	343.460	367.212	353.925	375.465	7.231
IPI:IPI00029741.1	ITGB5	Integrin beta-5	10	447.383	415.956	464.147	542.505	585.598	581.155	442.495	24.464

IPI:IPI00029114.1	47.557	4.299	0.011	0.92349172	6	258.363	244.693	257.829	362.615	346.496	349.516	253.628	7.743	352.876	8.569	0.476	0.00012701
IPI:IPI00029133.4	771.658	46.199	-0.224	0.11228727	18	703.013	683.424	697.367	730.887	761.250	735.865	694.601	10.083	742.667	16.284	0.097	0.01803411
IPI:IPI00029143.1	70.114	10.187	0.712	0.04015248	1	132.499	150.689	125.249	0.000	2.458	0.000	136.146	13.106	0.819	1.419	-7.376	0.00283899
IPI:IPI00029144.1	32.329	3.016	0.106	0.37905273	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029159.5	405.528	9.587	0.100	0.09350456	26	782.239	743.513	780.806	850.261	860.555	870.383	768.853	21.956	860.400	10.062	0.162	0.00882674
IPI:IPI00029162.3	56.877	4.752	-0.097	0.44203533	12	444.900	462.353	451.060	509.581	466.159	493.429	452.771	8.851	489.723	21.947	0.113	0.08502456
IPI:IPI00029175.5	174.767	17.217	0.339	0.04858592	8	442.749	483.949	477.525	368.063	373.457	375.558	468.074	22.166	372.359	3.866	-0.330	0.01520649
IPI:IPI00029219.1	67.552	3.809	0.908	0.00111707	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029264.3	383.684	13.127	0.157	0.01882683	4	137.025	143.329	144.968	104.117	102.701	107.157	141.774	4.194	104.658	2.277	-0.438	0.00076724
IPI:IPI00029266.1	11.218	1.849	-0.073	0.67723670	1	8.505	8.534	8.882	8.850	10.217	7.244	8.640	0.210	8.770	1.488	0.022	0.89657390
IPI:IPI00029267.1	208.871	23.171	-0.776	0.00550190	3	78.377	90.060	76.552	74.193	61.133	66.416	81.663	7.329	67.247	6.569	-0.280	0.06494144
IPI:IPI00029273.1	52.472	0.967	0.815	0.00100534	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029324.1	0.000	0.000	n/a	n/a	5	186.316	187.904	188.055	200.707	191.255	205.200	187.425	0.963	199.054	7.118	0.087	0.10304245
IPI:IPI00029400.2	247.669	7.843	-0.297	0.00081773	10	544.478	524.113	476.379	539.873	524.442	560.554	514.990	34.954	541.623	18.119	0.073	0.32649735
IPI:IPI00029403.1	98.875	5.536	0.090	0.19339398	2	63.717	58.590	56.356	77.656	76.001	78.921	59.555	3.774	77.526	1.464	0.380	0.00756484
IPI:IPI00029422.1	0.000	0.000	n/a	n/a	7	227.727	219.640	251.671	268.635	288.639	262.182	233.013	16.657	273.152	13.795	0.229	0.03410025
IPI:IPI00029447.5	0.000	0.000	n/a	n/a	1	87.578	81.643	94.376	103.556	128.380	110.393	87.865	6.371	114.110	12.823	0.377	0.05211363
IPI:IPI00029468.1	497.834	9.474	-0.122	0.00428936	17	642.201	617.861	671.128	490.076	552.020	495.434	643.730	26.666	512.510	34.321	-0.329	0.00752568
IPI:IPI00029469.1	44.241	8.079	0.183	0.42927738	1	46.083	50.973	54.304	30.504	36.652	28.910	50.453	4.135	32.022	4.088	-0.656	0.00538900
IPI:IPI00029472.2	253.745	9.208	0.182	0.04152996	7	315.864	354.048	323.192	346.854	303.766	335.665	331.035	20.264	328.762	22.358	-0.010	0.90497238
IPI:IPI00029473.5	0.000	0.000	n/a	n/a	3	108.689	114.573	109.100	89.780	82.222	87.081	110.787	3.285	86.361	3.830	-0.359	0.00122518
IPI:IPI00029484.1	0.000	0.000	n/a	n/a	1	82.521	68.675	75.804	87.326	95.676	91.967	75.667	6.924	91.656	4.184	0.277	0.03638204
IPI:IPI00029485.2	0.000	0.000	n/a	n/a	37	1,549.440	1,538.590	1,585.990	1,577.710	1,636.260	1,635.800	1,558.007	24.834	1,616.590	33.672	0.053	0.07818765
IPI:IPI00029515.3	36.386	4.634	0.208	0.22136396	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029521.5	5.602	0.939	0.164	0.40695061	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029534.1	53.637	11.431	0.034	0.89634903	6	266.819	259.190	252.836	342.638	342.351	351.793	259.615	7.001	345.594	5.370	0.413	0.00011457
IPI:IPI00029557.3	724.888	9.827	0.023	0.36804883	22	1,217.610	1,356.880	1,203.290	1,230.750	1,049.900	1,206.560	1,259.260	84.844	1,162.403	98.179	-0.115	0.26755464
IPI:IPI00029558.1	314.290	19.771	0.152	0.09593301	4	209.680	228.316	187.446	291.427	226.047	269.625	208.481	20.461	262.366	33.289	0.332	0.08889252
IPI:IPI00029561.1	687.896	9.330	0.111	0.01238734	15	813.609	693.650	763.920	754.286	875.700	800.334	757.060	60.273	810.107	61.294	0.098	0.34546631
IPI:IPI00029601.6	2,349.040	38.348	-0.034	0.11477381	104	4,631.640	4,574.540	4,576.370	4,518.480	4,563.980	4,470.850	4,594.183	32.451	4,517.770	46.569	-0.024	0.08810455
IPI:IPI00029605.1	97.870	12.026	-0.253	0.14021770	3	249.405	233.085	252.148	202.295	231.539	216.408	244.879	10.306	216.747	14.625	-0.176	0.05943427
IPI:IPI00029623.1	1,663.270	16.182	0.216	0.00709389	26	974.607	994.244	1,003.800	1,065.260	1,097.460	1,064.000	990.884	14.884	1,075.573	18.965	0.118	0.00440047
IPI:IPI00029628.1	469.661	45.804	-0.006	0.95480065	10	358.297	396.258	369.108	424.871	365.596	404.494	374.554	19.558	398.320	30.116	0.089	0.32560798
IPI:IPI00029629.3	918.214	27.011	0.483	0.00032537	16	642.745	668.101	669.982	660.775	703.817	676.170	660.276	15.211	680.254	21.810	0.043	0.27137188
IPI:IPI00029631.1	103.966	13.192	-0.281	0.08020274	7	721.455	784.023	694.636	633.333	569.716	600.847	733.371	45.869	601.299	31.811	-0.286	0.01879876
IPI:IPI00029643.3	0.000	0.000	n/a	n/a	3	140.028	146.931	151.441	154.672	144.701	149.586	146.133	5.748	149.653	4.986	0.034	0.46999006
IPI:IPI00029656.1	246.325	5.853	0.257	0.00297357	1	18.124	18.799	18.581	6.650	7.866	9.523	18.501	0.345	8.013	1.442	-1.207	0.00435155
IPI:IPI00029661.4	97.610	1.728	-0.086	0.13085226	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029665.8	0.000	0.000	n/a	n/a	3	86.795	87.187	88.601	76.449	85.850	73.379	87.528	0.950	78.559	6.498	-0.156	0.13673560
IPI:IPI00029693.2	183.522	2.784	2.118	0.00025603	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029695.2	236.878	5.118	-0.331	0.00021807	7	321.587	316.930	331.448	369.161	375.045	371.673	323.322	7.413	371.960	2.952	0.202	0.00323810
IPI:IPI00029697.3	95.602	8.181	-0.127	0.22133631	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029705.2	184.215	15.189	-0.035	0.69374045	2	101.845	96.619	118.123	129.042	139.549	129.743	105.529	11.215	132.778	5.874	0.331	0.03330499
IPI:IPI00029723.1	1,282.297	72.085	0.217	0.03006864	1	54.895	59.671	54.625	46.046	34.925	43.301	56.397	2.839	41.424	5.793	-0.445	0.02937330
IPI:IPI00029728.3	0.000	0.000	n/a	n/a	1	46.908	54.186	43.794	69.637	54.557	67.087	48.296	5.333	63.761	8.072	0.401	0.05927338
IPI:IPI00029730.1	328.598	26.666	0.287	0.03983285	5	141.582	133.286	141.796	121.583	129.995	134.770	138.888	4.853	128.783	6.677	-0.109	0.10799340
IPI:IPI00029731.8	1,076.973	33.027	-0.074	0.09009650	3	237.407	248.602	247.639	237.319	224.637	237.026	244.549	6.204	232.994	7.239	-0.070	0.10566495
IPI:IPI00029737.1	354.866	11.904	-0.081	0.07587622	18	867.238	830.936	866.496	1,039.390	1,070.670	1,061.570	854.890	20.748	1,057.210	16.089	0.306	0.00026243
IPI:IPI00029741.1	569.753	23.702	0.365	0.00296556	12	357.262	405.504	368.262	355.362	324.922	329.750	377.009	25.283	336.678	16.360	-0.163	0.09227747

IPI:IPI00029744.1	SSBP1	Single-stranded DNA-binding protein, mitochondrial	1	93.215	78.412	94.048	85.407	116.545	90.694	88.558	8.797
IPI:IPI00029750.1	RPS24	Isoform 1 of 40S ribosomal protein S24	10	983.564	990.207	1,002.660	938.700	911.284	927.652	992.144	9.694
IPI:IPI00029754.1	MLH1	DNA mismatch repair protein Mlh1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029764.1	SF3A3	Splicing factor 3A subunit 3	6	484.320	442.337	471.344	342.441	407.879	343.634	466.000	21.496
IPI:IPI00029773.1	REL	C-Rel proto-oncogene protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029778.3	TP53BP1	Isoform 1 of Tumor suppressor p53-binding protein 1	15	879.569	849.838	837.614	887.924	863.709	890.106	855.674	21.578
IPI:IPI00029795.1	NFIC	Isoform 4 of Nuclear factor 1 C-type	2	127.237	99.730	127.901	105.894	117.764	114.204	118.289	16.076
IPI:IPI00029803.5	MTG1	Isoform 1 of Mitochondrial GTPase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029819.3	NOTCH3	Neurogenic locus notch homolog protein 3	1	6.754	5.295	7.367	19.045	11.351	17.032	6.472	1.064
IPI:IPI00029822.4	SMARCA4	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a4 isoform D	5	289.848	254.587	296.803	231.536	253.173	237.380	280.413	22.634
IPI:IPI00029834.3	RTKN	Isoform 1 of Rhotekin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00029863.4	-	55 kDa protein	1	0.000	1.831	0.000	7.648	8.495	7.836	0.610	1.057
IPI:IPI00029954.3	VEZT	Isoform 1 of Vezatin	2	138.357	156.531	147.791	160.663	161.216	166.409	147.560	9.089
IPI:IPI00029997.1	PGLS	6-phosphogluconolactonase	1	29.093	37.037	27.733	33.447	32.360	31.686	31.288	5.026
IPI:IPI00030009.4	PAPSS2	Isoform A of Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 2	10	710.144	677.892	740.801	484.975	506.080	487.721	709.612	31.458
IPI:IPI00030023.3	HNMT	Histamine N-methyltransferase	1	43.211	39.551	43.233	43.154	44.527	43.566	41.998	2.120
IPI:IPI00030033.1	TACC2	Isoform 1 of Transforming acidic coiled-coil-containing protein 2	1	3.898	5.224	6.543	7.702	7.093	6.936	5.221	1.322
IPI:IPI00030059.1	DNAJC25;GN	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10	1	43.221	39.572	46.175	33.809	37.304	36.104	42.989	3.307
IPI:IPI00030098.5	FAM50A	Protein FAM50A	1	45.838	53.838	45.932	42.772	56.212	43.020	48.536	4.592
IPI:IPI00030106.1	TPST1	Protein-tyrosine sulfotransferase 1	2	91.124	94.332	91.721	125.806	104.277	122.159	92.392	1.706
IPI:IPI00030116.2	PGM3	cDNA FLJ55543, highly similar to Phosphoacetylglucosamine mutase	16	1,233.870	1,216.370	1,223.530	1,150.950	1,203.210	1,151.890	1,224.590	8.798
IPI:IPI00030128.1	B4GALT4	Beta-1,4-galactosyltransferase 4	3	262.820	267.018	263.690	282.453	263.969	280.579	264.509	2.216
IPI:IPI00030131.3	TMPO	Isoform Beta of Lamina-associated polypeptide 2, isoforms beta/gamma	2	179.901	147.221	168.875	84.959	86.964	83.700	165.332	16.626
IPI:IPI00030179.3	RPL7;RPL7P	60S ribosomal protein L7	12	1,353.300	1,459.320	1,294.490	1,341.070	1,225.560	1,351.090	1,369.037	83.534
IPI:IPI00030207.1	GMDS	GDP-mannose 4,6 dehydratase	5	200.180	220.997	204.211	258.583	241.804	264.042	208.463	11.041
IPI:IPI00030223.3	NMT2	Glycylpeptide N-tetradecanoyltransferase 2	1	32.339	30.814	33.458	26.148	37.648	29.402	32.204	1.328
IPI:IPI00030229.4	GALE	UDP-galactose-4-epimerase	2	128.163	155.491	131.966	179.038	149.152	178.523	138.540	14.803
IPI:IPI00030243.1	PSME3	Isoform 1 of Proteasome activator complex subunit 3	8	438.293	459.258	459.152	389.063	386.922	385.604	452.234	12.074
IPI:IPI00030247.1	CCNT1	Cyclin-T1	1	42.971	43.056	44.133	38.704	38.983	39.177	43.386	0.648
IPI:IPI00030255.1	PLOD3	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	4	315.784	419.561	307.306	433.139	311.941	382.169	347.550	62.507
IPI:IPI00030257.3	C2orf43	UPF0554 protein C2orf43	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00030274.4	CCDC55	Coiled-coil domain-containing protein 55	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00030275.5	TRAP1	Heat shock protein 75 kDa, mitochondrial	3	225.166	230.428	244.734	179.350	170.636	185.893	233.443	10.126
IPI:IPI00030278.4	TRAF2	Isoform 1 of TNF receptor-associated factor 2	1	20.478	12.581	19.141	18.498	17.566	14.945	17.400	4.227
IPI:IPI00030320.4	DDX6	Probable ATP-dependent RNA helicase DDX6	14	524.994	482.722	547.845	494.253	534.351	504.260	518.520	33.041
IPI:IPI00030328.1	SRR	Serine racemase	2	55.077	71.046	58.881	75.658	61.990	71.691	61.668	8.341
IPI:IPI00030351.2	DLG1	Isoform 1 of Disks large homolog 1	2	148.995	130.588	131.126	143.715	154.586	154.681	136.903	10.475
IPI:IPI00030355.1	PPP1R11	Protein phosphatase 1 regulatory subunit 11	2	146.101	147.180	147.050	151.952	149.363	163.498	146.777	0.589
IPI:IPI00030357.7	DHFR	Dihydrofolate reductase	1	68.525	61.930	68.473	48.295	49.284	55.689	66.309	3.793
IPI:IPI00030363.1	ACAT1	Acetyl-CoA acetyltransferase, mitochondrial	17	1,436.030	1,398.710	1,471.190	1,477.420	1,511.430	1,509.860	1,435.310	36.245
IPI:IPI00030380.1	GTF2H1	General transcription factor IIH subunit 1	3	131.335	145.271	135.185	189.441	174.625	194.409	137.264	7.197
IPI:IPI00030383.1	PPP1R8	Isoform Alpha of Nuclear inhibitor of protein phosphatase 1	3	134.697	109.457	136.756	121.680	139.064	123.522	126.970	15.202
IPI:IPI00030389.1	ABR	Isoform Long of Active breakpoint cluster region-related protein	4	223.075	207.380	224.717	213.183	256.843	224.960	218.391	9.571
IPI:IPI00030397.2	BNIP1	Isoform 3 of Vesicle transport protein SEC20	3	180.772	219.275	180.146	222.600	171.533	214.163	193.398	22.413
IPI:IPI00030404.2	NFX1	NFX.1	3	139.375	135.719	138.750	162.614	148.062	164.059	137.948	1.956
IPI:IPI00030408.2	MPHOSPH8	Isoform 1 of M-phase phosphoprotein 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00030418.1	TSPAN31	Tetraspanin-31	1	75.663	65.522	69.628	80.971	96.512	82.024	70.271	5.101
IPI:IPI00030431.1	ANTXR1	Isoform 1 of Anthrax toxin receptor 1	1	2.219	0.000	0.000	6.345	4.994	5.118	0.740	1.281
IPI:IPI00030481.3	MED10	Mediator of RNA polymerase II transcription subunit 10	2	106.768	105.286	108.993	114.252	116.724	117.206	107.016	1.866
IPI:IPI00030530.6	TMEM55B	Isoform 1 of Transmembrane protein 55B	1	51.284	45.138	54.620	80.127	85.692	80.158	50.347	4.810
IPI:IPI00030702.1	IDH3A	Isoform 1 of Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	6	469.240	504.532	477.921	536.151	445.360	513.293	483.898	18.389

IPI:IPI00029744.1	97.549	16.662	0.139	0.46852193	7	256.369	253.839	250.514	237.764	236.809	252.349	253.574	2.936	242.307	8.709	-0.066	0.14392994
IPI:IPI00029750.1	925.879	13.794	-0.100	0.00358937	8	468.528	426.155	465.935	382.853	418.784	381.655	453.539	23.751	394.431	21.099	-0.201	0.03286568
IPI:IPI00029754.1	0.000	0.000	n/a	n/a	1	57.959	56.281	58.986	57.818	63.345	64.201	57.742	1.366	61.788	3.465	0.098	0.17082751
IPI:IPI00029764.1	364.651	37.441	-0.354	0.02387917	19	551.535	533.013	563.483	654.474	684.868	664.028	549.344	15.353	667.790	15.542	0.282	0.00071781
IPI:IPI00029773.1	0.000	0.000	n/a	n/a	1	50.446	47.777	43.784	65.022	54.915	64.799	47.336	3.353	61.579	5.772	0.380	0.03079600
IPI:IPI00029778.3	880.580	14.651	0.041	0.18391991	70	2,576.710	2,630.940	2,608.520	2,723.080	2,702.950	2,714.410	2,605.390	27.250	2,713.480	10.097	0.059	0.01235665
IPI:IPI00029795.1	112.621	6.091	-0.071	0.61432231	2	17.682	21.715	19.921	29.651	29.423	30.625	19.772	2.021	29.900	0.638	0.597	0.00813247
IPI:IPI00029803.5	0.000	0.000	n/a	n/a	2	85.690	86.144	74.770	91.892	85.923	90.032	82.201	6.439	89.282	3.054	0.119	0.18861297
IPI:IPI00029819.3	15.809	3.990	1.288	0.04796634	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029822.4	240.696	11.193	-0.220	0.07441607	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029834.3	0.000	0.000	n/a	n/a	2	20.875	22.284	19.097	27.423	26.307	27.514	20.752	1.597	27.081	0.672	0.384	0.01103696
IPI:IPI00029863.4	7.993	0.445	3.711	0.00251602	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00029954.3	162.763	3.170	0.141	0.08850692	4	129.250	121.576	126.289	128.896	142.414	141.961	125.705	3.870	137.757	7.677	0.132	0.09488870
IPI:IPI00029997.1	32.498	0.889	0.055	0.71930921	2	39.088	40.712	47.973	32.354	42.281	37.647	42.591	4.731	37.427	4.967	-0.186	0.26249698
IPI:IPI00030009.4	492.925	11.475	-0.526	0.00325885	7	402.977	418.617	403.202	218.053	204.522	226.840	408.265	8.966	216.472	11.243	-0.915	0.00003203
IPI:IPI00030023.3	43.749	0.704	0.059	0.28679033	4	82.791	80.056	77.968	55.640	59.718	55.865	80.272	2.419	57.074	2.292	-0.492	0.00027845
IPI:IPI00030033.1	7.244	0.405	0.472	0.10744401	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030059.1	35.739	1.775	-0.266	0.04284844	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030098.5	47.335	7.689	-0.036	0.83009785	10	548.279	494.353	515.695	590.219	683.798	607.646	519.442	27.158	627.221	49.766	0.272	0.04401347
IPI:IPI00030106.1	117.414	11.522	0.346	0.06107366	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030116.2	1,168.683	29.905	-0.067	0.07346083	9	402.258	405.468	397.838	432.596	429.622	434.022	401.855	3.831	432.080	2.245	0.105	0.00092212
IPI:IPI00030128.1	275.667	10.174	0.060	0.19424414	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030131.3	85.208	1.646	-0.956	0.01339033	22	577.360	556.531	587.188	688.053	702.621	671.151	573.693	15.654	687.275	15.749	0.261	0.00089835
IPI:IPI00030179.3	1,305.907	69.762	-0.068	0.37366803	12	999.203	852.561	1,025.250	606.320	746.112	647.781	959.005	93.098	666.738	71.798	-0.524	0.01442093
IPI:IPI00030207.1	254.810	11.589	0.290	0.00747397	1	60.596	52.810	58.917	42.486	53.102	40.519	57.441	4.097	45.369	6.769	-0.340	0.07054688
IPI:IPI00030223.3	31.066	5.928	-0.052	0.77480699	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030229.4	168.904	17.108	0.286	0.08211841	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030243.1	387.196	1.746	-0.224	0.01014545	14	582.714	598.369	588.680	860.379	832.219	856.513	589.921	7.901	849.704	15.265	0.526	0.00012391
IPI:IPI00030247.1	38.955	0.238	-0.155	0.00326403	6	180.753	170.130	176.084	221.447	217.918	209.800	175.656	5.324	216.388	5.972	0.301	0.00096877
IPI:IPI00030255.1	375.750	60.853	0.113	0.60635790	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030257.3	0.000	0.000	n/a	n/a	1	140.705	129.002	128.961	160.227	157.637	155.790	132.889	6.769	157.885	2.229	0.249	0.01604549
IPI:IPI00030274.4	0.000	0.000	n/a	n/a	8	486.208	524.133	501.490	453.986	440.614	455.122	503.944	19.081	449.907	8.068	-0.164	0.02546211
IPI:IPI00030275.5	178.626	7.654	-0.386	0.00225962	18	655.606	709.200	678.399	680.062	608.266	666.780	681.068	26.897	651.703	38.199	-0.064	0.34423151
IPI:IPI00030278.4	17.003	1.842	-0.033	0.89236097	5	144.522	147.171	145.858	201.540	181.606	207.656	145.850	1.325	196.934	13.622	0.433	0.02208445
IPI:IPI00030320.4	510.955	20.870	-0.021	0.75734470	12	405.947	468.199	394.201	591.641	480.673	568.779	422.782	39.768	547.031	58.594	0.372	0.04559261
IPI:IPI00030328.1	69.780	7.031	0.178	0.26932117	1	52.730	54.929	58.206	39.144	41.711	47.791	55.288	2.756	42.882	4.441	-0.367	0.02112971
IPI:IPI00030351.2	150.994	6.304	0.141	0.13196023	12	424.426	442.252	437.401	496.831	501.044	502.965	434.693	9.216	500.280	3.138	0.203	0.00326977
IPI:IPI00030355.1	154.938	7.526	0.078	0.20051418	1	16.527	13.031	15.160	8.287	11.211	8.125	14.906	1.762	9.208	1.737	-0.695	0.01630940
IPI:IPI00030357.7	51.089	4.014	-0.376	0.00893540	5	151.892	128.698	146.357	133.859	159.638	148.625	142.316	12.114	147.374	12.935	0.050	0.64723275
IPI:IPI00030363.1	1,499.570	19.199	0.063	0.07191903	50	2,322.600	2,196.540	2,336.380	1,961.920	2,095.310	1,992.060	2,285.173	77.067	2,016.430	69.955	-0.181	0.01129557
IPI:IPI00030380.1	186.158	10.292	0.440	0.00373478	3	94.471	100.016	95.160	128.898	118.824	126.572	96.549	3.022	124.765	5.275	0.370	0.00322149
IPI:IPI00030383.1	128.089	9.549	0.013	0.92102331	5	107.137	106.237	107.314	141.929	127.290	139.078	106.896	0.578	136.099	7.761	0.348	0.02224669
IPI:IPI00030389.1	231.662	22.588	0.085	0.42489850	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030397.2	202.765	27.375	0.068	0.67207531	5	245.326	249.322	251.678	256.050	246.319	257.492	248.775	3.211	253.287	6.077	0.026	0.33751244
IPI:IPI00030404.2	158.245	8.848	0.198	0.05224224	1	12.989	16.546	12.737	15.374	11.650	12.829	14.091	2.130	13.284	1.903	-0.085	0.65084985
IPI:IPI00030408.2	0.000	0.000	n/a	n/a	3	161.461	143.575	160.493	205.649	219.383	208.257	155.176	10.059	211.096	7.294	0.444	0.00211610
IPI:IPI00030418.1	86.503	8.685	0.300	0.06276547	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030431.1	5.486	0.747	2.891	0.00959752	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030481.3	116.061	1.585	0.117	0.00336774	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030530.6	81.992	3.204	0.704	0.00131219	2	36.543	39.756	32.824	47.618	38.144	46.895	36.375	3.469	44.219	5.273	0.282	0.10902277
IPI:IPI00030702.1	498.268	47.224	0.042	0.66223591	15	749.509	826.065	698.964	961.854	812.638	937.377	758.179	63.993	903.956	80.025	0.254	0.07248501

IPI:IPI00030706.1	AHSA1	Activator of 90 kDa heat shock protein ATPase homolog 1	6	304.869	325.986	315.303	354.140	333.674	338.634	315.386	10.559
IPI:IPI00030738.5	CYTSB	Isoform 2 of Sperm antigen with calponin homology and coiled-coil domains 1	5	194.033	181.434	185.993	146.052	155.073	154.982	187.153	6.379
IPI:IPI00030757.2	ADAMTS2	Isoform LpNPI of A disintegrin and metalloproteinase with thrombospondin motifs 2	4	111.300	113.804	100.543	468.548	412.858	460.699	108.549	7.046
IPI:IPI00030770.1	PSMG1	Isoform 1 of Proteasome assembly chaperone 1	1	64.028	62.897	58.902	60.757	55.949	60.380	61.942	2.693
IPI:IPI00030774.2	TBCD	Isoform 4 of Tubulin-specific chaperone D	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00030781.1	STAT1	Isoform Alpha of Signal transducer and activator of transcription 1-alpha/beta	30	2,016.830	2,154.980	2,007.900	2,083.070	1,958.580	2,117.720	2,059.903	82.460
IPI:IPI00030783.1	STAT5A	Signal transducer and activator of transcription 5A	3	207.247	211.864	206.077	218.450	208.472	232.787	208.396	3.060
IPI:IPI00030820.2	MRPL47	Isoform 1 of 39S ribosomal protein L47, mitochondrial	3	360.559	401.634	360.394	387.008	311.786	404.039	374.196	23.762
IPI:IPI00030847.3	TM9SF3	Transmembrane 9 superfamily member 3	9	559.582	636.856	539.360	647.865	577.683	625.783	578.599	51.455
IPI:IPI00030851.3	SEC24B	SEC24B protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00030876.7	DIAPH1	diaphanous 1 isoform 2	22	1,268.160	1,254.520	1,274.010	1,255.040	1,306.850	1,307.160	1,265.563	10.001
IPI:IPI00030877.2	41532	15 kDa selenoprotein isoform 1 precursor	4	211.309	187.107	191.309	170.840	186.200	185.426	196.575	12.932
IPI:IPI00030898.1	C20orf24	Isoform 1 of Uncharacterized protein C20orf24	1	7.594	10.822	8.564	7.832	7.891	6.333	8.993	1.656
IPI:IPI00030915.1	USP8	Ubiquitin carboxyl-terminal hydrolase 8	4	291.077	316.849	292.093	331.505	324.306	362.276	300.006	14.595
IPI:IPI00030919.3	MAPKSP1	Mitogen-activated protein kinase scaffold protein 1	3	205.602	247.174	243.498	348.599	304.704	271.012	232.091	23.014
IPI:IPI00030930.1	TRPC7	Short transient receptor potential channel 7	1	44.451	50.187	48.487	39.244	39.120	45.315	47.708	2.946
IPI:IPI00030968.4	C9orf142	Isoform 1 of Uncharacterized protein C9orf142	1	142.224	158.580	141.502	152.811	121.196	150.926	147.435	9.658
IPI:IPI00030976.2	PDE8A	Isoform 1 of High affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031005.3	SGK196	Protein kinase-like protein SgK196	1	98.895	103.168	96.105	125.700	118.406	125.814	99.389	3.557
IPI:IPI00031008.1	TNC	Isoform 1 of Tenascin	2	66.950	53.504	67.083	103.018	114.402	105.709	62.512	7.802
IPI:IPI00031015.1	SLBP	Histone RNA hairpin-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031023.1	FLII	Protein flightless-1 homolog	23	1,525.750	1,482.530	1,451.140	1,448.970	1,446.230	1,460.070	1,486.473	37.461
IPI:IPI00031030.1	APLP2	Isoform 1 of Amyloid-like protein 2	6	162.436	155.277	148.735	838.957	857.837	831.879	155.483	6.853
IPI:IPI00031064.1	TMEM126A	Transmembrane protein 126A	1	78.027	81.166	64.178	56.851	55.580	59.272	74.457	9.039
IPI:IPI00031091.3	EFHD1	EF-hand domain-containing protein D1	9	863.432	884.058	832.561	898.961	894.546	919.269	860.017	25.918
IPI:IPI00031104.5	TCHP	Trichoplein keratin filament-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031106.1	PSMG3	Proteasome assembly chaperone 3	1	24.515	42.811	23.581	46.492	27.232	40.931	30.302	10.843
IPI:IPI00031109.4	NDUFAF2	Mimitin, mitochondrial	4	249.156	272.073	246.014	290.749	255.012	292.047	255.748	14.225
IPI:IPI00031115.4	GOLGA1	Golgin subfamily A member 1	2	88.892	93.116	87.577	100.637	106.764	117.671	89.862	2.894
IPI:IPI00031127.1	YIPF4	Protein YIPF4	1	74.604	86.707	77.353	115.578	98.345	111.373	79.555	6.345
IPI:IPI00031131.4	C20orf3	Isoform 1 of Adipocyte plasma membrane-associated protein	13	1,062.840	1,139.200	1,049.890	1,253.800	1,157.550	1,254.930	1,083.977	48.261
IPI:IPI00031169.1	RAB2A	Ras-related protein Rab-2A	11	684.604	688.621	692.843	741.488	797.047	745.616	688.689	4.120
IPI:IPI00031228.3	PLEKHB2	Isoform 2 of Pleckstrin homology domain-containing family B member 2	2	20.762	16.791	18.949	81.311	90.275	80.754	18.834	1.988
IPI:IPI00031241.7	GORASP2	Isoform 2 of Golgi reassembly-stacking protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031242.9	SEC16A	Isoform 5 of Protein transport protein Sec16A	2	96.071	101.419	101.394	116.322	101.608	120.195	99.628	3.081
IPI:IPI00031357.1	PPOX	Protoporphyrinogen oxidase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031370.3	TUBB2B	Tubulin beta-2B chain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031386.2	PIK3CA	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform	1	36.174	36.727	36.936	49.523	40.838	51.835	36.612	0.394
IPI:IPI00031388.1	PIK3CB	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit beta isoform	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031397.3	ACSL3	Long-chain-fatty-acid--CoA ligase 3	14	485.312	479.645	490.039	487.084	503.716	501.765	484.999	5.204
IPI:IPI00031410.1	MTOR	FKBP12-rapamycin complex-associated protein	3	171.757	164.543	170.944	166.611	205.780	175.013	169.081	3.951
IPI:IPI00031411.3	FAT1	Protocadherin Fat 1	7	184.371	166.400	168.329	555.644	541.767	539.527	173.033	9.866
IPI:IPI00031420.3	UGDH	UDP-glucose 6-dehydrogenase	38	2,908.710	2,805.580	2,781.820	2,380.330	2,532.510	2,480.860	2,832.037	67.455
IPI:IPI00031421.3	TPST2	Protein-tyrosine sulfotransferase 2	2	124.245	104.482	106.339	148.756	141.092	144.610	111.689	10.914
IPI:IPI00031424.1	PI4KA	Isoform 2 of Phosphatidylinositol 4-kinase alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031458.1	ICMT	Protein-S-isoprenylcysteine O-methyltransferase	1	77.257	78.244	92.944	83.628	94.451	68.160	82.815	8.786
IPI:IPI00031461.2	GDI2	cDNA FLJ60299, highly similar to Rab GDP dissociation inhibitor beta	29	1,618.840	1,646.110	1,564.120	1,839.900	1,811.260	1,868.040	1,609.690	41.754

IPI:IPI00030706.1	342.149	10.676	0.118	0.03674568	10	322.119	316.371	333.367	192.206	197.509	199.961	323.952	8.645	196.559	3.964	-0.721	0.00027444
IPI:IPI00030738.5	152.036	5.182	-0.300	0.00208926	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030757.2	447.368	30.143	2.043	0.00169799	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030770.1	59.029	2.674	-0.070	0.25436482	1	43.954	37.016	41.202	50.454	59.926	54.795	40.724	3.494	55.058	4.741	0.435	0.01613665
IPI:IPI00030774.2	0.000	0.000	n/a	n/a	5	88.604	89.692	93.044	100.014	99.785	95.474	90.447	2.314	98.424	2.558	0.122	0.01639457
IPI:IPI00030781.1	2,053.123	83.690	-0.005	0.92541027	21	1,115.510	1,160.920	1,118.930	1,195.820	1,097.380	1,165.700	1,131.787	25.288	1,152.967	50.440	0.027	0.56287692
IPI:IPI00030783.1	219.903	12.222	0.078	0.24116257	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030820.2	367.611	49.090	-0.026	0.84888768	8	355.443	343.925	357.444	353.256	408.494	371.199	352.271	7.296	377.650	28.178	0.100	0.25577349
IPI:IPI00030847.3	617.110	35.886	0.093	0.35426056	9	461.941	472.129	457.266	383.079	400.744	375.132	463.779	7.600	386.318	13.110	-0.264	0.00233553
IPI:IPI00030851.3	0.000	0.000	n/a	n/a	1	52.307	45.549	55.175	30.260	44.416	32.367	51.010	4.942	35.681	7.638	-0.516	0.05244023
IPI:IPI00030876.7	1,289.683	30.002	0.027	0.29678625	32	1,329.260	1,261.580	1,304.380	1,432.540	1,449.350	1,457.450	1,298.407	34.233	1,446.447	12.706	0.156	0.01000658
IPI:IPI00030877.2	180.822	8.653	-0.121	0.16475646	2	88.033	124.885	94.996	118.670	82.115	108.008	102.638	19.578	102.931	18.799	0.004	0.98604335
IPI:IPI00030898.1	7.352	0.883	-0.291	0.22564621	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030915.1	339.362	20.168	0.178	0.05770479	11	449.228	410.091	449.757	561.337	605.191	589.208	436.359	22.750	585.245	22.194	0.424	0.00126070
IPI:IPI00030919.3	308.105	38.905	0.409	0.05634471	5	120.469	123.245	110.932	120.572	127.464	122.987	118.215	6.458	123.674	3.497	0.065	0.28676464
IPI:IPI00030930.1	41.227	3.541	-0.211	0.07354897	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00030968.4	141.644	17.734	-0.058	0.65352319	1	162.639	167.982	148.760	157.386	145.670	145.602	159.794	9.922	149.553	6.784	-0.096	0.22314626
IPI:IPI00030976.2	0.000	0.000	n/a	n/a	1	24.810	30.459	27.149	41.075	38.715	35.303	27.473	2.838	38.364	2.902	0.482	0.00970821
IPI:IPI00031005.3	123.307	4.244	0.311	0.00192389	1	40.917	32.930	47.186	42.979	54.627	48.874	40.344	7.145	48.827	5.824	0.275	0.18925123
IPI:IPI00031008.1	107.710	5.950	0.785	0.00177191	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031015.1	0.000	0.000	n/a	n/a	3	128.433	119.458	125.121	111.113	100.942	118.307	124.337	4.539	110.121	8.725	-0.175	0.08725738
IPI:IPI00031023.1	1,451.757	7.329	-0.034	0.24740379	18	522.495	533.708	539.256	585.773	580.711	580.589	531.820	8.539	582.358	2.958	0.131	0.00500341
IPI:IPI00031030.1	842.891	13.419	2.439	0.00000509	13	540.090	461.382	506.856	884.150	946.632	861.822	502.776	39.512	897.535	43.961	0.836	0.00034402
IPI:IPI00031064.1	57.234	1.876	-0.380	0.07528209	2	147.437	137.069	137.697	76.311	74.851	76.904	140.734	5.813	76.022	1.056	-0.888	0.00205136
IPI:IPI00031091.3	904.259	13.185	0.072	0.07886234	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031104.5	0.000	0.000	n/a	n/a	1	7.162	5.416	6.766	9.426	8.820	7.349	6.448	0.915	8.531	1.068	0.404	0.06395537
IPI:IPI00031106.1	38.218	9.912	0.335	0.40398992	1	62.493	64.125	62.384	65.355	60.866	62.381	63.001	0.975	62.868	2.284	-0.003	0.93417599
IPI:IPI00031109.4	279.269	21.017	0.127	0.19351402	15	950.522	888.606	971.738	611.250	661.665	620.412	936.955	43.195	631.109	26.856	-0.570	0.00116172
IPI:IPI00031115.4	108.357	8.628	0.270	0.05360144	4	111.613	113.758	107.606	138.318	135.925	144.675	110.992	3.123	139.639	4.522	0.331	0.00141840
IPI:IPI00031127.1	108.432	8.985	0.447	0.01334047	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031131.4	1,222.093	55.899	0.173	0.03271194	12	786.277	816.830	804.267	494.936	512.709	502.700	802.458	15.357	503.448	8.910	-0.673	0.00005411
IPI:IPI00031169.1	761.384	30.954	0.145	0.05326157	11	507.157	506.423	502.343	296.808	321.736	305.485	505.308	2.594	308.010	12.654	-0.714	0.00092527
IPI:IPI00031228.3	84.113	5.343	2.159	0.00075105	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031241.7	0.000	0.000	n/a	n/a	5	84.841	80.689	86.453	74.923	99.224	83.096	83.994	2.974	85.747	12.365	0.030	0.83151085
IPI:IPI00031242.9	112.708	9.806	0.178	0.13734413	5	296.121	274.046	276.732	405.374	435.938	396.294	282.300	12.045	412.535	20.770	0.547	0.00193708
IPI:IPI00031357.1	0.000	0.000	n/a	n/a	1	87.273	100.843	87.195	104.661	93.895	100.220	91.770	7.858	99.592	5.411	0.118	0.23958431
IPI:IPI00031370.3	0.000	0.000	n/a	n/a	5	124.990	119.805	128.572	120.785	139.341	114.575	124.456	4.408	124.900	12.886	0.005	0.96093599
IPI:IPI00031386.2	47.398	5.798	0.373	0.08371119	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031388.1	0.000	0.000	n/a	n/a	1	217.812	172.953	229.842	58.488	71.228	66.545	206.869	29.982	65.420	6.444	-1.661	0.01181400
IPI:IPI00031397.3	497.522	9.092	0.037	0.12515774	19	594.359	568.934	574.366	717.506	727.807	729.007	579.220	13.389	724.773	6.322	0.323	0.00059507
IPI:IPI00031410.1	182.468	20.621	0.110	0.37801284	2	72.474	66.433	67.765	68.435	67.101	66.151	68.890	3.174	67.229	1.147	-0.035	0.46776263
IPI:IPI00031411.3	545.646	8.731	1.657	0.00000129	8	264.009	234.716	263.045	328.648	358.988	332.009	253.923	16.641	339.882	16.632	0.421	0.00319167
IPI:IPI00031420.3	2,464.567	77.387	-0.201	0.00365897	53	2,646.600	2,598.380	2,671.620	2,126.920	2,275.320	2,153.010	2,638.867	37.227	2,185.083	79.229	-0.272	0.00360096
IPI:IPI00031421.3	144.819	3.836	0.375	0.02424629	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031424.1	0.000	0.000	n/a	n/a	1	6.968	7.063	5.970	11.403	9.385	12.309	6.667	0.605	11.032	1.497	0.727	0.02444964
IPI:IPI00031458.1	82.080	13.214	-0.013	0.94054422	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031461.2	1,839.733	28.390	0.193	0.00234140	18	563.946	560.541	545.290	701.618	684.189	675.897	556.592	9.935	687.235	13.128	0.304	0.00025377

IPI:IPI00031479.1	PDIA5	Protein disulfide-isomerase A5	7	464.393	485.450	469.875	524.039	516.881	509.270	473.239	10.924
IPI:IPI00031508.1	DHX8	ATP-dependent RNA helicase DHX8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031510.1	SEMA3A	Semaphorin-3A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031514.1	RFC5	Replication factor C subunit 5	1	34.055	28.075	33.726	23.657	26.442	27.268	31.952	3.361
IPI:IPI00031517.1	MCM6	DNA replication licensing factor MCM6	1	82.998	79.312	82.581	61.678	69.435	62.010	81.630	2.018
IPI:IPI00031519.3	DNMT1	Isoform 1 of DNA (cytosine-5)-methyltransferase 1	7	276.762	272.915	280.693	183.515	177.941	194.017	276.790	3.889
IPI:IPI00031521.1	RFC3	Replication factor C subunit 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031522.2	HADHA	Trifunctional enzyme subunit alpha, mitochondrial	40	2,242.000	2,201.730	2,115.590	2,398.650	2,287.860	2,375.030	2,186.440	64.577
IPI:IPI00031526.3	C19orf43	Uncharacterized protein C19orf43	2	183.540	169.961	181.361	147.644	148.744	142.192	178.287	7.293
IPI:IPI00031545.3	ITPR2	Isoform Long of Inositol 1,4,5-trisphosphate receptor type 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031549.5	DSC3	Isoform 3A of Desmocollin-3	1	46.119	41.911	44.022	102.206	108.520	104.519	44.017	2.104
IPI:IPI00031554.1	DDX50	ATP-dependent RNA helicase DDX50	3	151.805	166.886	159.219	143.284	138.794	143.304	159.303	7.541
IPI:IPI00031556.7	U2AF2	Isoform 1 of Splicing factor U2AF 65 kDa subunit	11	784.070	765.708	831.550	739.915	782.732	734.904	793.776	33.977
IPI:IPI00031558.3	NUDT9	Isoform 1 of ADP-ribose pyrophosphatase, mitochondrial	2	167.368	161.634	162.515	103.099	117.796	106.276	163.839	3.088
IPI:IPI00031563.4	DDA1	DET1- and DDB1-associated protein 1	2	127.666	155.391	139.370	126.877	108.627	130.030	140.809	13.918
IPI:IPI00031564.1	GGCT	Isoform 1 of Gamma-glutamylcyclotransferase	5	194.286	208.086	200.483	219.131	212.984	217.430	200.952	6.912
IPI:IPI00031583.4	USO1	Putative uncharacterized protein DKFZp451D234	32	2,141.640	2,093.720	2,095.840	2,062.960	2,059.250	2,074.280	2,110.400	27.075
IPI:IPI00031587.2	CHML	Rab proteins geranylgeranyltransferase component A 2	1	105.890	93.675	108.100	111.753	121.659	111.798	102.555	7.769
IPI:IPI00031612.3	UTP23	Isoform 1 of rRNA-processing protein UTP23 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031615.3	LLPH	Protein LLP homolog	4	218.854	259.188	227.112	240.527	187.080	247.016	235.051	21.307
IPI:IPI00031617.3	C6orf125	Uncharacterized protein C6orf125	2	192.679	211.550	189.699	236.452	199.684	228.628	197.976	11.849
IPI:IPI00031618.3	DDI2	Isoform 3 of Protein DDI1 homolog 2	1	55.137	51.065	58.461	63.818	74.239	64.296	54.888	3.705
IPI:IPI00031622.3	CHCHD6	Coiled-coil-helix-coiled-coil-helix domain-containing protein 6	1	67.225	58.012	64.131	53.301	57.256	56.044	63.123	4.688
IPI:IPI00031627.3	POLR2A	DNA-directed RNA polymerase II subunit RPB1	7	256.841	264.404	258.157	246.515	240.951	259.066	259.801	4.041
IPI:IPI00031629.1	PDCL3	Phosducin-like protein 3	1	59.282	62.599	63.425	51.707	56.388	53.803	61.769	2.192
IPI:IPI00031633.4	OBFC2B	Isoform 1 of Oligonucleotide/oligosaccharide-binding fold-containing protein 2B	1	95.420	86.515	90.847	82.264	88.509	83.671	90.927	4.453
IPI:IPI00031647.2	PDCD2L	Programmed cell death protein 2-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031650.3	NUDT16L1	Isoform 1 of Protein syndesmos	1	35.940	39.281	35.271	35.496	33.576	38.561	36.831	2.148
IPI:IPI00031651.1	C7orf50	Uncharacterized protein C7orf50	1	108.067	112.326	116.403	93.715	99.457	104.931	112.265	4.168
IPI:IPI00031653.8	BRMS1L	Breast cancer metastasis-suppressor 1-like protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031655.1	VPS25	Vacuolar protein-sorting-associated protein 25	2	45.113	46.639	48.935	55.997	59.436	58.629	46.895	1.924
IPI:IPI00031661.1	NOC4L	Nucleolar complex protein 4 homolog	2	122.963	109.026	127.385	108.933	129.361	114.882	119.791	9.582
IPI:IPI00031670.6	FAM114A1	Protein NOXP20	24	1,881.210	1,913.570	1,807.220	2,065.630	1,990.920	2,077.040	1,867.333	54.516
IPI:IPI00031679.2	C3orf26	Uncharacterized protein C3orf26	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031680.3	ACBD6	Acyl-CoA-binding domain-containing protein 6	2	133.028	144.682	138.024	137.185	135.490	146.462	138.578	5.847
IPI:IPI00031681.1	CDK2	Cell division protein kinase 2	2	248.093	258.656	249.401	200.529	181.730	194.055	252.050	5.758
IPI:IPI00031691.1	RPL9	60S ribosomal protein L9	7	686.563	715.122	690.964	639.174	601.878	645.366	697.550	15.376
IPI:IPI00031698.4	C2orf49	Ashwin	1	35.100	26.689	32.549	34.777	37.161	28.797	31.446	4.313
IPI:IPI00031708.1	FAH	Fumarylacetoacetase	4	143.885	150.470	141.402	180.988	166.176	174.998	145.252	4.686
IPI:IPI00031718.1	ENTPD4	Isoform 1 of Ectonucleoside triphosphate diphosphohydrolase 4	1	98.133	112.021	101.240	133.850	120.432	136.426	103.798	7.289
IPI:IPI00031747.3	AKT3	Isoform 1 of RAC-gamma serine/threonine-protein kinase	1	130.693	128.470	132.726	141.194	129.930	153.310	130.630	2.129
IPI:IPI00031758.3	CHKB	Isoform 1 of Choline/ethanolamine kinase	1	98.919	121.318	97.191	122.500	102.030	114.890	105.809	13.459
IPI:IPI00031768.1	HOOK3	Protein Hook homolog 3	7	347.703	358.924	346.330	373.346	379.356	385.798	350.986	6.909
IPI:IPI00031772.1	C15orf48	Normal mucosa of esophagus-specific gene 1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00031801.4	CSDA	Isoform 1 of DNA-binding protein A	1	16.329	17.767	15.186	19.805	22.526	18.778	16.428	1.294
IPI:IPI00031804.1	VDAC3	Isoform 1 of Voltage-dependent anion-selective channel protein 3	18	1,071.740	1,085.070	1,026.150	1,412.290	1,386.360	1,453.050	1,060.987	30.897
IPI:IPI00031812.3	YBX1	Nuclease-sensitive element-binding protein 1	9	386.168	430.526	403.633	391.621	381.508	342.693	406.776	22.345
IPI:IPI00031820.3	FARSA	Phenylalanyl-tRNA synthetase alpha chain	5	222.163	228.342	222.952	216.789	227.524	238.735	224.486	3.363
IPI:IPI00031821.1	ITM2B	Integral membrane protein 2B	9	190.832	183.775	177.520	1,164.600	1,259.870	1,233.280	184.042	6.660
IPI:IPI00031836.3	DRG1	Developmentally-regulated GTP-binding protein 1	6	487.366	480.191	497.552	531.668	542.295	564.337	488.370	8.724
IPI:IPI00031960.2	POLR1A	DNA-directed RNA polymerase I subunit RPA1	3	146.493	142.046	150.705	186.351	193.400	188.833	146.415	4.330
IPI:IPI00031982.1	NCKAP1	Isoform 1 of Nck-associated protein 1	10	588.699	539.797	582.014	549.042	619.750	558.409	570.170	26.515

IPI:IPI00031479.1	516.730	7.386	0.127	0.00688473	12	783.961	785.631	756.163	734.593	731.937	749.698	775.252	16.552	738.743	9.580	-0.070	0.04146501
IPI:IPI00031508.1	0.000	0.000	n/a	n/a	2	172.660	153.298	171.859	190.822	225.652	198.445	165.939	10.955	204.973	18.310	0.305	0.04495219
IPI:IPI00031510.1	0.000	0.000	n/a	n/a	2	81.296	90.804	88.443	110.628	111.997	103.353	86.847	4.951	108.659	4.646	0.323	0.00517464
IPI:IPI00031514.1	25.789	1.892	-0.309	0.06602740	8	283.169	281.329	277.999	355.440	356.863	348.707	280.832	2.621	353.670	4.357	0.333	0.00007669
IPI:IPI00031517.1	64.374	4.386	-0.343	0.01028455	20	781.815	762.328	794.355	850.458	916.632	882.553	779.499	16.139	883.214	33.092	0.180	0.01783711
IPI:IPI00031519.3	185.158	8.163	-0.580	0.00054093	6	249.502	247.335	250.760	299.848	273.956	299.714	249.199	1.732	291.173	14.910	0.225	0.03810679
IPI:IPI00031521.1	0.000	0.000	n/a	n/a	3	127.004	114.553	126.890	146.380	147.140	145.063	122.816	7.156	146.194	1.051	0.251	0.02772453
IPI:IPI00031522.2	2,353.847	58.354	0.106	0.02968644	79	2,774.580	2,831.050	2,846.650	2,813.260	2,820.950	2,795.600	2,817.427	37.917	2,809.937	12.998	-0.004	0.77204889
IPI:IPI00031526.3	146.193	3.509	-0.286	0.00724128	2	64.780	67.383	66.112	45.848	50.966	47.614	66.091	1.301	48.143	2.600	-0.457	0.00190500
IPI:IPI00031545.3	0.000	0.000	n/a	n/a	15	580.338	616.696	590.541	720.461	688.797	726.029	595.858	18.753	711.762	20.082	0.256	0.00190163
IPI:IPI00031549.5	105.082	3.194	1.255	0.00003655	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031554.1	141.794	2.598	-0.168	0.04465809	8	286.000	362.169	279.624	389.536	284.882	360.272	309.264	45.928	344.897	53.995	0.157	0.43433497
IPI:IPI00031556.7	752.517	26.287	-0.077	0.17629057	40	1,970.340	1,981.960	2,068.560	2,127.460	2,424.970	2,159.280	2,006.953	53.668	2,237.237	163.358	0.157	0.12371421
IPI:IPI00031558.3	109.057	7.733	-0.587	0.00264049	2	81.707	82.847	83.655	95.783	103.888	103.409	82.736	0.979	101.027	4.548	0.288	0.01655799
IPI:IPI00031563.4	121.845	11.555	-0.209	0.14653492	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031564.1	216.515	3.174	0.108	0.04257209	7	323.287	322.747	318.673	420.779	439.774	424.262	321.569	2.523	428.272	10.112	0.413	0.00183943
IPI:IPI00031583.4	2,065.497	7.830	-0.031	0.09300987	24	896.846	858.380	887.467	732.051	705.292	704.230	880.898	20.057	713.858	15.765	-0.303	0.00046485
IPI:IPI00031587.2	115.070	5.706	0.166	0.09388300	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031612.3	0.000	0.000	n/a	n/a	4	103.934	130.744	113.585	166.482	139.000	167.476	116.088	13.579	157.653	16.161	0.442	0.02835350
IPI:IPI00031615.3	224.874	32.891	-0.064	0.67982403	3	262.112	214.451	238.753	101.265	124.880	107.020	238.439	23.832	111.055	12.314	-1.102	0.00378419
IPI:IPI00031617.3	221.588	19.369	0.163	0.16119501	2	141.462	165.333	140.920	102.201	98.394	102.255	149.238	13.941	100.950	2.214	-0.564	0.02432584
IPI:IPI00031618.3	67.451	5.883	0.297	0.04452843	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031622.3	55.534	2.026	-0.185	0.09073437	8	474.311	449.484	473.581	449.981	496.309	467.087	465.792	14.128	471.126	23.427	0.016	0.75677942
IPI:IPI00031627.3	248.844	9.279	-0.062	0.16659351	17	377.099	387.785	380.377	451.434	425.157	435.740	381.754	5.474	437.444	13.221	0.196	0.00958825
IPI:IPI00031629.1	53.966	2.345	-0.195	0.01384843	1	19.497	18.595	19.920	27.128	23.073	23.486	19.337	0.677	24.563	2.232	0.345	0.04592768
IPI:IPI00031633.4	84.815	3.276	-0.100	0.13447214	1	34.531	30.920	37.439	45.865	52.310	49.317	34.297	3.266	49.164	3.225	0.520	0.00496675
IPI:IPI00031647.2	0.000	0.000	n/a	n/a	2	54.277	65.653	53.157	68.992	64.423	59.119	57.696	6.914	64.178	4.941	0.154	0.26457569
IPI:IPI00031650.3	35.878	2.514	-0.038	0.64497575	1	7.662	8.993	6.395	5.624	7.221	6.392	7.683	1.299	6.413	0.799	-0.261	0.23715994
IPI:IPI00031651.1	99.368	5.608	-0.176	0.03710141	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031653.8	0.000	0.000	n/a	n/a	2	46.629	37.018	38.448	46.110	67.474	51.435	40.698	5.186	55.006	11.121	0.435	0.14238835
IPI:IPI00031655.1	58.021	1.798	0.307	0.00188930	1	42.516	40.748	49.957	24.236	23.601	21.405	44.407	4.887	23.080	1.486	-0.944	0.01153016
IPI:IPI00031661.1	117.725	10.507	-0.025	0.81561696	1	46.881	45.232	49.973	43.213	55.093	46.780	47.362	2.407	48.362	6.096	0.030	0.81234585
IPI:IPI00031670.6	2,044.530	46.777	0.131	0.01359985	7	338.927	399.678	337.682	203.978	154.700	190.643	358.762	35.439	183.107	25.489	-0.970	0.00316485
IPI:IPI00031679.2	0.000	0.000	n/a	n/a	6	421.087	420.033	449.291	340.324	354.795	348.740	430.137	16.596	347.953	7.268	-0.306	0.00590191
IPI:IPI00031680.3	139.712	5.907	0.012	0.82494288	1	20.644	20.086	20.829	31.199	34.152	32.658	20.519	0.387	32.669	1.477	0.671	0.00307647
IPI:IPI00031681.1	192.105	9.550	-0.392	0.00180301	1	27.680	26.039	27.221	37.075	38.573	34.489	26.980	0.847	36.712	2.066	0.444	0.00730000
IPI:IPI00031691.1	628.806	23.525	-0.150	0.01820356	11	381.626	403.473	405.294	401.031	393.622	404.272	396.798	13.171	399.642	5.459	0.010	0.75574282
IPI:IPI00031698.4	33.578	4.309	0.095	0.57783888	5	127.030	126.572	131.762	135.559	138.667	139.584	128.455	2.873	137.937	2.110	0.103	0.01222311
IPI:IPI00031708.1	174.054	7.451	0.261	0.00790091	2	88.927	78.153	91.030	44.316	53.271	45.729	86.036	6.908	47.772	4.814	-0.849	0.00222253
IPI:IPI00031718.1	130.236	8.588	0.327	0.01614046	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031747.3	141.478	11.693	0.115	0.24715914	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031758.3	113.140	10.347	0.097	0.49955729	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031768.1	379.500	6.227	0.113	0.00624941	4	289.895	244.409	287.761	385.515	465.687	389.434	274.022	25.668	413.545	45.199	0.594	0.01661690
IPI:IPI00031772.1	0.000	0.000	n/a	n/a	12	591.041	559.185	597.641	439.574	471.601	438.970	582.622	20.564	450.048	18.668	-0.372	0.00121697
IPI:IPI00031801.4	20.370	1.937	0.310	0.05069772	4	80.088	73.688	75.406	84.235	85.484	87.827	76.394	3.312	85.849	1.824	0.168	0.02112306
IPI:IPI00031804.1	1,417.233	33.619	0.418	0.00018170	13	535.203	572.479	555.073	263.927	279.338	270.783	554.252	18.652	271.349	7.721	-1.030	0.00033345
IPI:IPI00031812.3	371.941	25.829	-0.129	0.15357636	12	426.408	386.215	456.721	180.638	231.487	197.560	423.115	35.368	203.228	25.894	-1.058	0.00141813
IPI:IPI00031820.3	227.683	10.974	0.020	0.67041682	5	113.645	118.054	120.553	76.684	83.005	76.811	117.417	3.498	78.833	3.613	-0.575	0.00018738
IPI:IPI00031821.1	1,219.250	49.160	2.728	0.00062414	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00031836.3	546.100	16.664	0.161	0.01284831	11	403.342	396.806	399.908	541.078	536.375	529.222	400.019	3.269	535.558	5.970	0.421	0.00004173
IPI:IPI00031960.2	189.528	3.576	0.372	0.00022950	8	167.376	172.083	158.799	223.921	225.758	228.369	166.086	6.735	226.016	2.235	0.444	0.00196679
IPI:IPI00031982.1	575.734	38.406	0.014	0.84808146	3	145.742	175.849	134.616	183.963	138.297	166.774	152.069	21.332	163.011	23.064	0.100	0.57910049

IPI:IPI00032003.1	EMD	Emerin	1	154.901	150.112	140.215	138.217	150.355	146.350	148.409	7.490
IPI:IPI00032038.4	CPT1A	Isoform 1 of Carnitine O-palmitoyltransferase 1, liver isoform	1	55.618	54.628	52.682	60.506	58.068	59.265	54.309	1.494
IPI:IPI00032050.4	WBP2	WW domain-binding protein 2	5	274.412	317.008	256.511	523.953	452.719	533.381	282.644	31.077
IPI:IPI00032056.4	C17orf85	Isoform 2 of Uncharacterized protein C17orf85	1	31.323	25.286	37.067	32.416	36.001	33.492	31.225	5.891
IPI:IPI00032064.1	AKAP2;PALM	PALM2-AKAP2 protein isoform 1	17	803.388	876.316	786.794	964.608	852.150	980.117	822.166	47.624
IPI:IPI00032069.1	NFATC1	Isoform C-alpha of Nuclear factor of activated T-cells, cytoplasmic 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032103.3	GATM	Isoform Mitochondrial of Glycine amidinotransferase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032131.4	CARD8	CARD8 isoform T51	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032134.2	SERPINB8	Serpin B8	9	474.670	457.942	471.027	807.205	884.880	851.630	467.880	8.797
IPI:IPI00032140.4	SERPINH1	Serpin H1	81	6,388.080	6,360.230	6,184.680	7,019.850	7,215.000	7,176.280	6,310.997	110.276
IPI:IPI00032158.3	NARG1	Isoform 2 of NMDA receptor-regulated protein 1	18	1,431.440	1,548.390	1,410.340	1,561.270	1,447.590	1,562.830	1,463.390	74.364
IPI:IPI00032187.5	NISCH	Isoform 1 of Nischarin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032188.3	RBM26	Isoform 6 of RNA-binding protein 26	3	147.085	156.162	148.601	143.496	141.282	141.929	150.616	4.862
IPI:IPI00032202.3	WDR37	cDNA FLJ76685, highly similar to Homo sapiens WD repeat domain 37 (WDR37), mRNA	1	70.927	72.349	81.372	82.146	90.232	82.662	74.883	5.664
IPI:IPI00032206.2	PDLIM4	Isoform 1 of PDZ and LIM domain protein 4	4	283.143	306.235	278.052	210.077	185.037	213.262	289.143	15.019
IPI:IPI00032236.4	AMOTL2	cDNA FLJ56142, highly similar to Angiomotin-like protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032258.4	C4A	Complement C4-A	3	131.577	122.579	124.966	467.060	537.606	494.248	126.374	4.661
IPI:IPI00032262.1	INPP5A	Type I inositol-1,4,5-trisphosphate 5-phosphatase	3	168.924	163.489	164.400	215.842	221.888	222.454	165.604	2.911
IPI:IPI00032263.6	QSK	Isoform 1 of Serine/threonine-protein kinase QSK	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032267.2	RASA3	Ras GTPase-activating protein 3	9	585.980	584.289	566.767	514.805	514.135	534.694	579.012	10.638
IPI:IPI00032291.2	C5	Complement C5	2	20.722	20.417	186.877	213.056	107.793	96.100	76.006	96.018
IPI:IPI00032292.1	TIMP1	Metalloproteinase inhibitor 1	1	31.678	36.506	34.170	47.177	42.837	48.522	34.118	2.414
IPI:IPI00032293.1	CST3	Cystatin-C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032304.2	PLS1	Plastin-1	9	725.932	780.093	791.416	738.873	788.105	673.605	765.814	34.999
IPI:IPI00032313.1	S100A4	Protein S100-A4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032325.1	CSTA	Cystatin-A	5	289.381	280.289	282.201	260.984	241.579	252.151	283.957	4.794
IPI:IPI00032342.4	TRIP12	TRIP12 protein	5	239.038	225.215	243.221	201.211	217.212	204.197	235.825	9.423
IPI:IPI00032358.4	POM121C	Nuclear envelope pore membrane protein POM 121C	2	105.202	104.353	99.606	102.119	91.790	103.107	103.054	3.016
IPI:IPI00032374.3	RRP1B	Isoform 2 of Ribosomal RNA processing protein 1 homolog B	1	190.464	198.089	181.414	227.996	186.000	215.494	189.989	8.348
IPI:IPI00032388.5	LPIN1	cDNA FLJ55901, highly similar to Lipin-1	2	89.289	87.851	99.139	140.519	147.554	139.990	92.093	6.144
IPI:IPI00032406.1	DNAJA2	DnaJ homolog subfamily A member 2	11	1,006.460	1,016.650	974.446	979.353	990.433	1,010.230	999.185	22.022
IPI:IPI00032423.2	DDX52	Probable ATP-dependent RNA helicase DDX52	2	31.973	37.644	35.874	38.171	29.708	40.988	35.163	2.901
IPI:IPI00032426.1	MEMO1;MEMO	Protein MEMO1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032439.1	POLR1D	Isoform 1 of DNA-directed RNA polymerases I and III subunit RPAC2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032459.1	AP3M1	AP-3 complex subunit mu-1	9	586.280	599.490	579.707	651.016	636.406	673.505	588.492	10.075
IPI:IPI00032460.3	LSM2	U6 snRNA-associated Sm-like protein LSm2	3	191.271	219.185	192.997	258.469	206.146	233.664	201.151	15.642
IPI:IPI00032473.1	PPIL3	Isoform 2 of Peptidyl-prolyl cis-trans isomerase-like 3	4	279.183	266.069	262.010	281.604	289.524	280.422	269.087	8.976
IPI:IPI00032491.1	LEMD3	Inner nuclear membrane protein Man1	1	71.987	73.445	68.336	79.398	77.958	81.719	71.256	2.632
IPI:IPI00032498.1	DCTN5	Dynactin subunit 5	6	285.899	282.686	273.909	270.444	233.870	251.198	280.831	6.206
IPI:IPI00032516.5	AP1M1	AP-1 complex subunit mu-1	6	199.491	202.756	201.081	217.424	213.731	226.534	201.109	1.633
IPI:IPI00032560.2	NDUFAF1	Complex I intermediate-associated protein 30, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032561.1	CAB39	Calcium-binding protein 39	3	267.297	287.268	281.303	259.952	265.351	263.083	278.623	10.252
IPI:IPI00032563.3	ZNF281	Zinc finger protein 281	4	187.851	190.788	189.633	155.628	150.872	154.094	189.424	1.480
IPI:IPI00032597.2	RBMX2	RNA-binding motif protein, X-linked 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032630.2	MTO1	Isoform 3 of Protein MTO1 homolog, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032635.1	LSM14B	Isoform 1 of Protein LSM14 homolog B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032780.2	MED29	Intersex-like	3	56.020	51.605	60.819	59.472	64.530	53.895	56.148	4.609
IPI:IPI00032799.3	-	37 kDa protein	1	219.383	227.459	233.525	207.715	190.856	202.320	226.789	7.095
IPI:IPI00032808.1	RAB3D	Ras-related protein Rab-3D	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032823.1	EXOSC1	3'-5' exoribonuclease CSL4 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032825.2	TMED7	Transmembrane emp24 domain-containing protein 7	5	340.629	329.237	347.347	407.382	428.285	415.966	339.071	9.155
IPI:IPI00032826.1	ST13	Hsc70-interacting protein	13	1,070.570	984.945	1,051.720	872.552	1,016.050	902.100	1,035.745	44.992

IPI:IPI00032003.1	144.974	6.185	-0.034	0.57519927	4	252.553	303.577	261.541	276.835	222.777	258.356	272.557	27.237	252.656	27.476	-0.109	0.42341985
IPI:IPI00032038.4	59.280	1.219	0.126	0.01216273	5	128.907	139.277	140.905	143.774	154.611	130.410	136.363	6.508	142.932	12.122	0.068	0.46857526
IPI:IPI00032050.4	503.351	44.101	0.833	0.00310736	3	103.824	117.842	106.453	163.093	127.616	152.905	109.373	7.451	147.871	18.266	0.435	0.05193797
IPI:IPI00032056.4	33.969	1.840	0.122	0.51161491	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032064.1	932.292	69.837	0.181	0.09622164	6	248.734	244.055	241.628	175.331	176.335	176.503	244.806	3.612	176.056	0.634	-0.476	0.00067248
IPI:IPI00032069.1	0.000	0.000	n/a	n/a	2	87.736	79.627	87.459	109.456	128.089	105.782	84.941	4.604	114.442	11.960	0.430	0.03735664
IPI:IPI00032103.3	0.000	0.000	n/a	n/a	2	78.942	65.440	78.576	88.694	100.933	94.076	74.319	7.692	94.568	6.134	0.348	0.02546579
IPI:IPI00032131.4	0.000	0.000	n/a	n/a	1	3.317	3.930	4.234	2.910	3.157	4.267	3.827	0.467	3.445	0.723	-0.152	0.49290449
IPI:IPI00032134.2	847.905	38.971	0.858	0.00238926	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032140.4	7,137.043	103.322	0.177	0.00071248	47	2,462.570	2,457.970	2,475.290	1,560.300	1,566.450	1,544.040	2,465.277	8.972	1,556.930	11.579	-0.663	0.00000026
IPI:IPI00032158.3	1,523.897	66.088	0.058	0.35242533	11	491.115	576.087	495.651	723.122	558.357	673.625	520.951	47.803	651.701	84.542	0.323	0.09765944
IPI:IPI00032187.5	0.000	0.000	n/a	n/a	1	31.239	30.747	35.070	28.129	31.975	28.630	32.352	2.367	29.578	2.091	-0.129	0.20402481
IPI:IPI00032188.3	142.236	1.138	-0.083	0.08943523	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032202.3	85.013	4.527	0.183	0.07599366	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032206.2	202.792	15.459	-0.512	0.00228475	1	31.398	36.925	31.293	37.502	28.112	39.385	33.205	3.222	34.999	6.038	0.076	0.68121282
IPI:IPI00032236.4	0.000	0.000	n/a	n/a	1	32.366	30.400	29.532	47.561	44.536	43.016	30.766	1.452	45.038	2.314	0.550	0.00178433
IPI:IPI00032258.4	499.638	35.581	1.983	0.00263825	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032262.1	220.061	3.665	0.410	0.00005281	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032263.6	0.000	0.000	n/a	n/a	2	108.168	100.011	117.960	100.338	113.003	96.613	108.713	8.987	103.318	8.592	-0.073	0.49452665
IPI:IPI00032267.2	521.211	11.681	-0.152	0.00327422	1	83.872	81.382	85.652	47.069	52.682	50.244	83.635	2.145	49.998	2.815	-0.742	0.00012653
IPI:IPI00032291.2	138.983	64.415	0.871	0.40622634	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032292.1	46.179	2.971	0.437	0.00618460	1	26.557	29.369	28.456	35.161	37.655	37.071	28.127	1.434	36.629	1.304	0.381	0.00167107
IPI:IPI00032293.1	0.000	0.000	n/a	n/a	1	16.910	24.173	16.276	31.526	21.858	31.012	19.120	4.388	28.132	5.439	0.557	0.09229141
IPI:IPI00032304.2	733.528	57.437	-0.062	0.46155484	17	744.753	721.382	769.552	789.708	807.116	781.074	745.229	24.089	792.633	13.265	0.089	0.05578416
IPI:IPI00032313.1	0.000	0.000	n/a	n/a	12	596.800	650.870	663.165	574.323	695.356	630.322	636.945	35.306	633.334	60.573	-0.008	0.93480454
IPI:IPI00032325.1	251.571	9.715	-0.175	0.01497831	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032342.4	207.540	8.508	-0.184	0.01853398	10	329.214	330.711	330.945	394.537	375.554	383.379	330.290	0.939	384.490	9.540	0.219	0.00963802
IPI:IPI00032358.4	99.005	6.268	-0.058	0.39077304	1	45.912	45.219	47.528	31.461	29.426	32.254	46.220	1.185	31.047	1.459	-0.574	0.00019643
IPI:IPI00032374.3	209.830	21.563	0.143	0.24790145	7	359.456	366.153	354.270	505.746	479.833	506.760	359.960	5.957	497.446	15.262	0.467	0.00147600
IPI:IPI00032388.5	142.688	4.223	0.632	0.00057744	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032406.1	993.339	15.642	-0.008	0.72894570	22	1,074.730	1,071.770	1,068.460	1,103.350	1,100.090	1,099.040	1,071.653	3.137	1,100.827	2.247	0.039	0.00034963
IPI:IPI00032423.2	36.289	5.871	0.045	0.78665300	1	34.272	31.087	36.453	48.715	54.269	48.652	33.937	2.699	50.545	3.225	0.575	0.00266969
IPI:IPI00032426.1	0.000	0.000	n/a	n/a	2	39.399	40.389	41.611	46.857	54.726	49.443	40.466	1.108	50.342	4.011	0.315	0.04256041
IPI:IPI00032439.1	0.000	0.000	n/a	n/a	1	9.843	8.155	11.034	12.291	11.226	13.605	9.677	1.447	12.374	1.192	0.355	0.06966012
IPI:IPI00032459.1	653.642	18.688	0.151	0.01225310	6	224.788	213.506	226.328	255.112	246.144	237.814	221.541	7.001	246.357	8.651	0.153	0.01963810
IPI:IPI00032460.3	232.760	26.173	0.211	0.16290647	7	354.170	353.068	357.513	220.698	224.605	232.718	354.917	2.315	226.007	6.131	-0.651	0.00018108
IPI:IPI00032473.1	283.850	4.949	0.077	0.08517635	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032491.1	79.692	1.898	0.161	0.01345050	2	56.271	47.001	49.805	61.223	71.964	70.928	51.026	4.754	68.038	5.925	0.415	0.01947082
IPI:IPI00032498.1	251.837	18.295	-0.157	0.09913442	3	138.811	151.060	137.123	148.732	142.765	151.496	142.331	7.606	147.664	4.462	0.053	0.36684306
IPI:IPI00032516.5	219.230	6.590	0.124	0.03510154	6	222.554	227.706	239.107	230.340	228.239	227.977	229.789	8.471	228.852	1.295	-0.006	0.86676245
IPI:IPI00032560.2	0.000	0.000	n/a	n/a	5	162.484	178.262	155.938	224.037	172.732	200.937	165.561	11.476	199.235	25.695	0.267	0.13763626
IPI:IPI00032561.1	262.795	2.711	-0.084	0.10780980	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032563.3	153.531	2.427	-0.303	0.00011068	8	290.098	294.412	285.296	390.900	367.091	387.748	289.935	4.560	381.913	12.933	0.398	0.00312662
IPI:IPI00032597.2	0.000	0.000	n/a	n/a	1	41.533	43.830	40.238	42.134	38.996	40.387	41.867	1.819	40.506	1.572	-0.048	0.38366214
IPI:IPI00032630.2	0.000	0.000	n/a	n/a	4	157.238	159.436	166.540	189.149	195.894	184.833	161.071	4.862	189.959	5.575	0.238	0.00266613
IPI:IPI00032635.1	0.000	0.000	n/a	n/a	2	70.097	90.347	69.947	101.825	64.893	89.699	76.797	11.735	85.472	18.826	0.154	0.54218151
IPI:IPI00032780.2	59.299	5.320	0.079	0.48232003	3	98.814	107.558	99.973	62.869	62.769	65.801	102.115	4.749	63.813	1.722	-0.678	0.00220737
IPI:IPI00032799.3	200.297	8.610	-0.179	0.01582001	2	120.387	114.377	119.225	172.530	185.138	171.357	117.996	3.188	176.342	7.640	0.580	0.00201699
IPI:IPI00032808.1	0.000	0.000	n/a	n/a	2	69.736	65.523	70.632	89.543	110.352	99.757	68.630	2.728	99.884	10.405	0.541	0.02848568
IPI:IPI00032823.1	0.000	0.000	n/a	n/a	3	110.465	108.137	115.332	156.004	155.117	151.553	111.311	3.671	154.225	2.356	0.470	0.00020400
IPI:IPI00032825.2	417.211	10.507	0.299	0.00069054	1	108.275	90.331	103.527	28.485	38.943	28.845	100.711	9.297	32.091	5.937	-1.650	0.00096467
IPI:IPI00032826.1	930.234	75.773	-0.155	0.12302389	28	1,538.920	1,386.410	1,518.410	1,055.640	1,260.340	1,110.160	1,481.247	82.769	1,142.047	106.010	-0.375	0.01363375

IPI:IPI00032827.1	SF3B14	Pre-mRNA branch site protein p14	2	240.471	191.528	243.913	193.711	244.489	203.685	225.304	29.301
IPI:IPI00032830.2	REXO2	Isoform 1 of Oligoribonuclease, mitochondrial (Fragment)	6	574.318	520.369	582.417	538.808	617.134	576.084	559.035	33.729
IPI:IPI00032831.4	SNAP29	Synaptosomal-associated protein 29	1	0.000	2.543	2.086	2.179	1.852	0.000	1.543	1.356
IPI:IPI00032848.1	CCDC53	Coiled-coil domain-containing protein 53	2	56.513	58.123	54.206	64.364	58.708	66.373	56.281	1.969
IPI:IPI00032849.2	NOP16	Nucleolar protein 16	2	137.179	129.619	126.392	110.394	133.573	120.270	131.063	5.537
IPI:IPI00032851.1	COPZ1	Coatomer subunit zeta-1	5	377.901	366.290	367.674	375.641	411.620	374.951	370.622	6.342
IPI:IPI00032853.1	NOP10	H/ACA ribonucleoprotein complex subunit 3	1	72.697	80.685	70.849	87.166	67.411	79.826	74.744	5.227
IPI:IPI00032864.1	CABYR	Isoform 3 of Calcium-binding tyrosine phosphorylation-regulated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032871.1	MSRB2	Similar to Methionine-R-sulfoxide reductase B2, mitochondrial precursor	2	128.470	128.593	129.922	126.487	129.845	123.474	128.995	0.805
IPI:IPI00032875.1	ETFDH	Isoform 1 of Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial	5	190.174	210.822	189.813	236.394	220.869	235.923	196.936	12.027
IPI:IPI00032879.1	TAF9	Adenylate kinase isoenzyme 6	2	113.653	120.858	108.905	132.158	133.700	129.491	114.472	6.018
IPI:IPI00032881.2	MRPS23	28S ribosomal protein S23, mitochondrial	1	63.162	67.339	69.665	76.585	51.456	72.171	66.722	3.295
IPI:IPI00032892.1	GGPS1	Geranylgeranyl pyrophosphate synthetase	1	47.535	48.476	51.782	48.698	59.389	52.257	49.265	2.231
IPI:IPI00032899.5	DDX43	Probable ATP-dependent RNA helicase DDX43	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032903.3	PTRH2	Peptidyl-tRNA hydrolase 2, mitochondrial	5	375.174	367.499	376.632	488.169	492.290	451.113	373.102	4.907
IPI:IPI00032905.2	VPS33B	Vacuolar protein sorting-associated protein 33B	1	50.694	61.086	49.526	76.877	68.521	82.711	53.768	6.364
IPI:IPI00032955.1	RNF114	Isoform 1 of RING finger protein 114	1	29.352	42.793	27.752	44.344	28.555	46.429	33.299	8.261
IPI:IPI00032957.1	UBE2I	SUMO-conjugating enzyme UBC9	12	642.368	650.338	663.046	655.425	658.012	656.824	651.917	10.429
IPI:IPI00032958.3	ANLN	Isoform 2 of Actin-binding protein anillin	6	732.283	680.235	767.628	156.158	175.236	180.523	726.715	43.962
IPI:IPI00032959.3	GPD1L	Glycerol-3-phosphate dehydrogenase 1-like protein	1	89.686	95.654	83.703	66.112	64.618	71.850	89.681	5.975
IPI:IPI00032966.5	BIN3	Isoform 1 of Bridging integrator 3	1	30.686	29.902	31.994	30.448	30.340	36.314	30.861	1.057
IPI:IPI00032970.2	OSBPL11	Oxysterol-binding protein-related protein 11	1	37.372	33.541	39.994	39.911	40.069	37.626	36.969	3.245
IPI:IPI00032971.2	OSBPL10	Oxysterol-binding protein-related protein 10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00032995.1	LANCL2	LanC-like protein 2	6	277.522	251.701	271.667	299.898	346.343	305.386	266.963	13.538
IPI:IPI00033022.2	DNM2	Isoform 1 of Dynamin-2	12	524.525	476.949	519.327	484.926	550.514	508.711	506.934	26.097
IPI:IPI00033025.8	41524	Isoform 1 of Septin-7	27	1,965.920	1,959.270	1,931.770	2,025.440	2,005.550	2,058.160	1,952.320	18.105
IPI:IPI00033030.2	ADRM1	Proteasomal ubiquitin receptor ADRM1	7	582.986	582.963	578.677	636.813	644.010	666.664	581.542	2.481
IPI:IPI00033036.1	METAP2	Methionine aminopeptidase 2	12	355.051	337.778	340.002	323.739	321.475	319.434	344.277	9.397
IPI:IPI00033054.5	CTDSPL2	Isoform 1 of CTD small phosphatase-like protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00033075.3	BAT5	Protein BAT5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00033130.3	SAE1	SUMO-activating enzyme subunit 1	9	506.850	521.658	503.709	478.555	462.955	463.589	510.739	9.586
IPI:IPI00033143.1	EIF3K	Eukaryotic translation initiation factor 3 subunit K	5	266.751	277.899	258.804	245.511	234.338	229.734	267.818	9.592
IPI:IPI00033153.1	NXF1	Nuclear RNA export factor 1	3	103.723	109.343	104.487	104.492	111.007	107.424	105.851	3.048
IPI:IPI00033217.3	AASS	Alpha-aminoadipic semialdehyde synthase, mitochondrial	1	23.184	20.636	24.712	22.338	26.692	25.622	22.844	2.059
IPI:IPI00033349.3	PREB	Prolactin regulatory element-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00033494.3	MYL12B	Myosin regulatory light chain 12B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00033516.1	TUBGCP3	Isoform 1 of Gamma-tubulin complex component 3	1	15.823	14.770	14.310	25.494	25.480	23.785	14.967	0.775
IPI:IPI00033546.3	MED4	Mediator complex subunit 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00033561.3	RNPS1	Isoform 1 of RNA-binding protein with serine-rich domain 1	4	305.352	285.600	296.782	302.958	289.952	307.500	295.911	9.905
IPI:IPI00033573.4	RUFY3	Isoform 1 of Protein RUFY3	2	53.200	52.488	57.040	67.269	69.133	70.609	54.243	2.449
IPI:IPI00033600.1	PPP1R7	Isoform 1 of Protein phosphatase 1 regulatory subunit 7	8	184.079	225.309	185.831	288.344	227.976	269.616	198.406	23.315
IPI:IPI00033611.5	RBMS1	Isoform 2 of RNA-binding motif, single-stranded-interacting protein 1	4	184.688	167.818	195.788	161.750	165.072	164.742	182.765	14.084
IPI:IPI00033907.1	ANAPC1	Anaphase-promoting complex subunit 1	1	35.787	34.336	31.263	36.526	31.756	36.541	33.795	2.310
IPI:IPI00034006.1	PTPN23	Tyrosine-protein phosphatase non-receptor type 23	8	421.943	450.161	428.684	533.560	501.492	543.663	433.596	14.736
IPI:IPI00034010.3	RWDD1	RWD domain-containing protein 1	2	69.697	80.927	72.620	72.768	73.815	72.327	74.415	5.826
IPI:IPI00034015.1	CUGBP1	Isoform 1 of CUG-BP- and ETR-3-like factor 1	5	244.423	315.317	233.275	368.056	254.749	341.029	264.338	44.499
IPI:IPI00034049.1	UPF1	Isoform 1 of Regulator of nonsense transcripts 1	12	624.857	580.912	609.099	618.149	677.878	619.316	604.956	22.264
IPI:IPI00034069.1	TFB2M	Dimethyladenosine transferase 2, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00034159.1	ATP6V0D1	V-type proton ATPase subunit d 1	9	505.902	494.115	513.633	636.414	660.634	606.179	504.550	9.829
IPI:IPI00034181.1	RBBP9	Isoform 1 of Putative hydrolase RBBP9	3	85.639	82.188	79.186	82.840	95.471	95.156	82.338	3.229
IPI:IPI00034277.1	ATP13A1	Isoform A of Probable cation-transporting ATPase 13A1	10	603.191	630.005	598.452	743.257	694.236	746.723	610.549	17.015
IPI:IPI00034319.2	CUTA	Isoform A of Protein CutA	7	426.251	504.944	484.942	545.125	543.733	535.255	472.046	40.901

IPI:IPI00032827.1	213.962	26.904	-0.075	0.64769247	2	332.934	266.553	309.134	252.521	297.562	260.544	302.874	33.630	270.209	24.026	-0.165	0.25019085
IPI:IPI00032830.2	577.342	39.178	0.046	0.57378890	5	229.439	230.702	235.009	267.231	271.660	265.451	231.717	2.920	268.114	3.197	0.210	0.00013666
IPI:IPI00032831.4	1.344	1.175	-0.200	0.85735559	6	132.155	164.379	137.795	140.484	112.474	132.045	144.776	17.209	128.334	14.369	-0.174	0.27540386
IPI:IPI00032848.1	63.149	3.975	0.166	0.07700145	2	79.143	72.880	70.990	63.909	61.334	62.997	74.338	4.267	62.747	1.306	-0.245	0.03323626
IPI:IPI00032849.2	121.412	11.632	-0.110	0.28925751	6	376.316	348.819	369.301	266.165	279.904	287.709	364.812	14.288	277.926	10.907	-0.392	0.00148608
IPI:IPI00032851.1	387.404	20.975	0.064	0.29867893	6	400.559	353.348	403.244	391.659	476.302	402.608	385.717	28.065	423.523	46.035	0.135	0.30439383
IPI:IPI00032853.1	78.134	9.986	0.064	0.63840763	2	108.907	102.803	101.591	152.756	140.848	144.115	104.434	3.921	145.906	6.153	0.482	0.00130522
IPI:IPI00032864.1	0.000	0.000	n/a	n/a	1	38.689	39.017	40.840	39.969	40.150	38.632	39.515	1.159	39.583	0.829	0.002	0.93997454
IPI:IPI00032871.1	126.602	3.187	-0.027	0.32286529	1	33.103	26.170	28.955	14.641	15.377	16.898	29.409	3.488	15.639	1.151	-0.911	0.01372048
IPI:IPI00032875.1	231.062	8.831	0.231	0.01970145	6	545.002	492.973	566.949	444.994	493.130	447.401	534.975	37.994	461.842	27.123	-0.212	0.05952912
IPI:IPI00032879.1	131.783	2.129	0.203	0.02727327	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00032881.2	66.737	13.417	0.000	0.99904860	3	230.097	216.679	223.856	220.326	255.682	233.453	223.544	6.714	236.487	17.872	0.081	0.33863343
IPI:IPI00032892.1	53.448	5.444	0.118	0.31659253	4	204.033	209.554	208.555	285.545	288.754	284.470	207.381	2.942	286.256	2.229	0.465	0.00000688
IPI:IPI00032899.5	0.000	0.000	n/a	n/a	7	208.270	208.062	204.916	284.007	275.999	281.396	207.083	1.879	280.467	4.084	0.438	0.00015565
IPI:IPI00032903.3	477.191	22.678	0.355	0.01255080	12	682.413	650.373	684.247	755.497	797.664	764.041	672.344	19.050	772.401	22.292	0.200	0.00442398
IPI:IPI00032905.2	76.036	7.132	0.500	0.01610268	1	6.155	8.823	8.960	10.585	9.670	10.656	7.979	1.582	10.304	0.550	0.369	0.11363590
IPI:IPI00032955.1	39.776	9.773	0.256	0.43159563	4	189.584	179.294	176.273	249.620	236.083	253.312	181.717	6.978	246.338	9.071	0.439	0.00083548
IPI:IPI00032957.1	656.754	1.295	0.011	0.50700297	17	461.978	469.506	449.012	465.182	460.141	472.983	460.165	10.367	466.102	6.470	0.018	0.45592923
IPI:IPI00032958.3	170.639	12.816	-2.090	0.00103670	1	42.274	38.510	39.610	31.837	33.290	33.335	40.131	1.936	32.821	0.852	-0.290	0.01192728
IPI:IPI00032959.3	67.526	3.818	-0.409	0.00888705	4	209.916	216.194	226.601	214.216	221.078	221.179	217.570	8.427	218.824	3.991	0.008	0.83159180
IPI:IPI00032966.5	32.367	3.418	0.069	0.53123293	3	92.641	94.495	92.210	122.058	115.409	124.328	93.115	1.214	120.598	4.635	0.373	0.00642825
IPI:IPI00032970.2	39.202	1.367	0.085	0.36065491	5	141.563	134.173	144.266	192.680	210.781	199.526	140.001	5.225	200.996	9.140	0.522	0.00163868
IPI:IPI00032971.2	0.000	0.000	n/a	n/a	1	83.242	88.510	88.230	102.207	106.985	102.543	86.661	2.964	103.912	2.667	0.262	0.00177163
IPI:IPI00032995.1	317.209	25.380	0.249	0.05537701	2	58.385	57.862	64.225	75.539	67.887	68.713	60.157	3.532	70.713	4.200	0.233	0.03038315
IPI:IPI00033022.2	514.717	33.204	0.022	0.76882795	9	247.355	255.397	242.436	253.972	218.489	236.441	248.396	6.543	236.301	17.742	-0.072	0.36295594
IPI:IPI00033025.8	2,029.717	26.564	0.056	0.01818621	42	2,233.130	2,140.210	2,184.970	2,087.460	2,078.600	2,088.960	2,186.103	46.470	2,085.007	5.599	-0.068	0.06190292
IPI:IPI00033030.2	649.162	15.578	0.159	0.01546153	3	106.570	96.784	104.376	110.072	104.041	102.607	102.577	5.135	105.573	3.961	0.042	0.47280412
IPI:IPI00033036.1	321.549	2.153	-0.099	0.04642193	21	655.138	654.686	676.229	879.621	858.453	862.442	662.018	12.309	866.839	11.248	0.389	0.00003079
IPI:IPI00033054.5	0.000	0.000	n/a	n/a	3	187.026	168.902	194.140	232.045	265.708	232.896	183.356	13.013	243.550	19.194	0.410	0.01459049
IPI:IPI00033075.3	0.000	0.000	n/a	n/a	2	44.002	41.235	48.349	59.194	63.442	55.858	44.529	3.586	59.498	3.801	0.418	0.00779682
IPI:IPI00033130.3	468.366	8.829	-0.125	0.00499138	14	514.074	497.994	521.082	420.656	451.314	442.127	511.050	11.837	438.032	15.734	-0.222	0.00388626
IPI:IPI00033143.1	236.528	8.113	-0.179	0.01332500	11	440.084	490.257	455.039	568.995	517.306	562.928	461.793	25.759	549.743	28.255	0.252	0.01665622
IPI:IPI00033153.1	107.641	3.263	0.024	0.52605615	5	305.520	273.853	320.142	294.270	330.983	306.713	299.838	23.662	310.655	18.671	0.051	0.57125332
IPI:IPI00033217.3	24.884	2.269	0.123	0.31431943	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00033349.3	0.000	0.000	n/a	n/a	1	65.192	68.017	62.662	98.965	96.138	98.622	65.290	2.679	97.908	1.542	0.585	0.00024331
IPI:IPI00033494.3	0.000	0.000	n/a	n/a	9	695.407	835.956	725.137	222.009	274.103	258.531	752.167	74.071	251.548	26.740	-1.580	0.00344490
IPI:IPI00033516.1	24.919	0.983	0.735	0.00022321	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00033546.3	0.000	0.000	n/a	n/a	2	96.930	83.278	101.200	75.462	92.053	71.507	93.803	9.361	79.674	10.901	-0.236	0.16606451
IPI:IPI00033561.3	300.137	9.108	0.020	0.61596495	8	444.592	535.483	470.831	294.725	241.828	292.722	483.635	46.779	276.425	29.979	-0.807	0.00506604
IPI:IPI00033573.4	69.004	1.674	0.347	0.00171964	1	33.158	29.436	35.628	26.159	28.211	23.339	32.741	3.117	25.903	2.446	-0.338	0.04331577
IPI:IPI00033600.1	261.979	30.900	0.401	0.05081353	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00033611.5	163.855	1.830	-0.158	0.14386939	6	314.111	287.495	317.545	265.791	290.624	282.223	306.384	16.448	279.546	12.631	-0.132	0.09302042
IPI:IPI00033907.1	34.941	2.758	0.048	0.61409872	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00034006.1	526.238	22.018	0.279	0.00580036	9	422.263	388.210	418.648	475.017	552.955	501.663	409.707	18.704	509.878	39.613	0.316	0.03161265
IPI:IPI00034010.3	72.970	0.764	-0.028	0.71154241	2	159.906	149.300	165.170	178.930	196.307	176.309	158.125	8.083	183.849	10.869	0.217	0.03404392
IPI:IPI00034015.1	321.278	59.179	0.281	0.25873614	13	399.845	406.499	413.794	480.935	493.117	500.394	406.713	6.977	491.482	9.832	0.273	0.00046756
IPI:IPI00034049.1	638.448	34.153	0.078	0.23879561	13	456.265	423.307	468.077	630.704	639.093	620.130	449.216	23.202	629.976	9.502	0.488	0.00198577
IPI:IPI00034069.1	0.000	0.000	n/a	n/a	5	249.964	271.738	243.444	317.738	298.858	301.917	255.049	14.816	306.171	10.133	0.264	0.01075272
IPI:IPI00034159.1	634.409	27.283	0.330	0.00814387	14	467.808	468.401	457.183	434.371	452.403	438.460	464.464	6.312	441.745	9.454	-0.072	0.03214026
IPI:IPI00034181.1	91.155	7.203	0.147	0.15598791	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00034277.1	728.072	29.354	0.254	0.00764739	5	177.935	177.825	193.395	117.121	118.779	123.180	183.052	8.958	119.693	3.131	-0.613	0.00321387
IPI:IPI00034319.2	541.371	5.342	0.198	0.09671275	5	231.590	219.139	229.175	189.999	193.697	195.156	226.635	6.603	192.951	2.658	-0.232	0.00607163

IPI:IPI00036552.3	ANTXR2	Isoform 2 of Anthrax toxin receptor 2	3	78.457	85.838	74.825	198.442	165.593	194.413	79.707	5.612
IPI:IPI00036742.6	KIAA1429	Isoform 1 of Protein virilizer homolog	1	33.593	35.756	32.707	35.899	33.329	37.269	34.018	1.568
IPI:IPI00037401.4	MED16	Isoform 1 of Mediator of RNA polymerase II transcription subunit 16	1	18.232	17.942	18.906	22.549	21.019	22.802	18.360	0.495
IPI:IPI00037448.3	GRHPR	Glyoxylate reductase/hydroxypyruvate reductase	7	453.629	448.027	447.413	423.479	417.311	393.592	449.690	3.425
IPI:IPI00037619.4	RPL39P5	Putative 60S ribosomal protein L39-like 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00038378.5	ENOPH1	Isoform 1 of Enolase-phosphatase E1	5	235.287	215.859	241.132	256.493	289.215	263.749	230.759	13.231
IPI:IPI00039626.3	FAM120A	Isoform D of Constitutive coactivator of PPAR-gamma-like protein 1	15	605.546	589.664	603.328	591.804	614.859	583.045	599.513	8.601
IPI:IPI00039680.6	SLCO4A1	Isoform 2 of Solute carrier organic anion transporter family member 4A1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00040900.3	HS2ST1	Isoform 2 of Heparan sulfate 2-O-sulfotransferase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00041325.1	NHP2	H/ACA ribonucleoprotein complex subunit 2	3	185.564	215.062	185.646	221.128	179.486	217.335	195.424	17.007
IPI:IPI00041959.5	PHF21A	Isoform 2 of PHD finger protein 21A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00042099.4	PYGO2	Pygopus homolog 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00042580.4	APOO	Isoform 1 of Apolipoprotein O	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00043083.1	PARVB	Beta-parvin	2	155.115	168.467	154.406	171.750	153.742	173.458	159.329	7.921
IPI:IPI00043360.4	RNF145	Isoform 2 of RING finger protein 145	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00043516.6	ZNF407	Isoform 1 of Zinc finger protein 407	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00043564.2	SFXN2	Sideroflexin-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00043565.3	ZNF830	Zinc finger protein 830	2	121.857	144.720	131.763	134.817	117.956	131.837	132.780	11.465
IPI:IPI00043598.2	IKIP	Isoform 4 of Inhibitor of nuclear factor kappa-B kinase-interacting protein	18	1,354.270	1,317.080	1,377.670	1,281.980	1,328.390	1,293.520	1,349.673	30.555
IPI:IPI00043622.3	FRMD6	Isoform 1 of FERM domain-containing protein 6	2	277.428	277.117	258.928	239.319	241.964	251.734	271.158	10.592
IPI:IPI00043638.1	LARP4	Isoform 2 of La-related protein 4	4	135.364	151.952	141.658	134.073	109.195	136.785	142.991	8.374
IPI:IPI00043741.4	C8orf37	Uncharacterized protein C8orf37	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00043978.1	PARD3B	Isoform 1 of Partitioning defective 3 homolog B	3	152.526	142.549	161.659	155.061	163.988	171.228	152.245	9.558
IPI:IPI00043990.3	DDX31	Isoform 1 of Probable ATP-dependent RNA helicase DDX31	1	45.961	41.528	41.762	40.539	47.215	46.308	43.084	2.495
IPI:IPI00044583.1	TRERF1	Isoform 1 of Transcriptional-regulating factor 1	1	12.908	15.983	13.309	12.581	12.354	10.257	14.067	1.672
IPI:IPI00044608.5	KIAA1881	Isoform 1 of Protein KIAA1881	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00044681.1	UHRF2	Isoform 1 of E3 ubiquitin-protein ligase UHRF2	2	34.163	29.494	33.734	31.562	31.830	32.842	32.464	2.581
IPI:IPI00044683.1	ALS2CR4	Isoform 1 of Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 4 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00044748.6	FMNL2	Wilm's tumour protein family protein	2	99.382	88.495	92.629	150.564	156.347	147.234	93.502	5.496
IPI:IPI00044749.6	NEK1	Isoform 1 of Serine/threonine-protein kinase Nek1	3	220.597	219.609	225.853	254.536	237.716	253.768	222.020	3.356
IPI:IPI00044751.5	KIF20B	Isoform 1 of M-phase phosphoprotein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00044761.4	PUS7	Pseudouridylate synthase 7 homolog	7	422.843	417.182	444.096	349.166	387.261	360.337	428.040	14.190
IPI:IPI00044779.2	RANP1;RAN	TC4 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00044790.2	-	43 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045051.3	PURB	Transcriptional activator protein Pur-beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045207.2	NACC1	Nucleus accumbens-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045219.2	SNX18	Isoform 1 of Sorting nexin-18	7	350.850	336.754	329.313	307.651	348.556	315.020	338.972	10.939
IPI:IPI00045396.1	CALU	Isoform 2 of Calumenin	4	216.272	196.356	205.028	190.546	188.301	185.867	205.885	9.986
IPI:IPI00045492.1	TUBGCP5	Gamma-tubulin complex component 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045503.1	PPP1R14A	Isoform 2 of Protein phosphatase 1 regulatory subunit 14A	2	7.575	9.578	7.536	9.809	7.088	10.883	8.230	1.168
IPI:IPI00045511.1	CLCC1	Isoform 1 of Chloride channel CLIC-like protein 1	7	398.566	384.584	393.859	400.390	403.095	415.303	392.336	7.114
IPI:IPI00045527.3	HAPLN3	Hyaluronan and proteoglycan link protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045531.1	LYSMD1	LysM and putative peptidoglycan-binding domain-containing protein 1	1	65.333	92.215	73.434	85.873	66.213	84.239	76.994	13.790
IPI:IPI00045536.2	CHID1	Isoform 3 of Chitinase domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045550.4	PPP1R9B	protein phosphatase 1, regulatory subunit 9B	3	42.016	50.234	50.776	46.275	47.021	49.718	47.675	4.909
IPI:IPI00045600.6	DAB2IP	Isoform 3 of Disabled homolog 2-interacting protein	7	493.190	534.653	499.818	526.133	486.468	524.223	509.220	22.273
IPI:IPI00045660.4	C1orf31	Isoform 1 of Uncharacterized protein C1orf31	1	82.114	92.572	78.454	53.153	52.202	55.634	84.380	7.326
IPI:IPI00045764.3	TMEM209	Isoform 1 of Transmembrane protein 209	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045798.3	GPX7	Glutathione peroxidase 7	2	126.485	107.543	124.142	94.265	110.899	91.621	119.390	10.326
IPI:IPI00045839.3	LEPRE1	Isoform 3 of Prolyl 3-hydroxylase 1	4	262.059	271.682	252.635	290.749	294.858	293.477	262.125	9.524
IPI:IPI00045841.5	LRP11	Isoform 1 of Low-density lipoprotein receptor-related protein 11	2	50.113	58.804	51.917	65.797	48.514	64.911	53.611	4.587
IPI:IPI00045914.1	SPEN	Msx2-interacting protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00036552.3	186.149	17.916	1.224	0.00552928	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00036742.6	35.499	2.000	0.061	0.37356581	6	372.555	385.409	346.986	377.046	361.881	377.842	368.317	19.559	372.256	8.994	0.015	0.77360713
IPI:IPI00037401.4	22.123	0.965	0.269	0.00937062	2	290.884	258.616	313.315	285.387	328.289	282.969	287.605	27.497	298.882	25.496	0.055	0.63059299
IPI:IPI00037448.3	411.461	15.779	-0.128	0.04680748	17	605.893	591.167	600.783	487.265	537.786	499.466	599.281	7.477	508.172	26.362	-0.238	0.02031928
IPI:IPI00037619.4	0.000	0.000	n/a	n/a	4	95.510	96.388	94.739	128.139	111.730	118.227	95.546	0.825	119.365	8.264	0.321	0.03674968
IPI:IPI00038378.5	269.819	17.185	0.226	0.03880862	5	221.427	224.004	239.353	137.972	139.077	134.138	228.261	9.692	137.062	2.592	-0.736	0.00223840
IPI:IPI00039626.3	596.569	16.434	-0.007	0.80270426	18	600.965	569.301	584.583	616.492	626.399	620.051	584.950	15.835	620.981	5.019	0.086	0.04811321
IPI:IPI00039680.6	0.000	0.000	n/a	n/a	2	42.897	42.356	44.352	44.688	44.816	40.816	43.202	1.032	43.440	2.273	0.008	0.88209890
IPI:IPI00040900.3	0.000	0.000	n/a	n/a	3	147.137	124.041	139.426	178.454	182.983	178.079	136.868	11.759	179.839	2.730	0.394	0.01968524
IPI:IPI00041325.1	205.983	23.025	0.076	0.56074462	8	69.621	64.823	75.612	55.704	63.161	56.225	70.019	5.406	58.363	4.163	-0.263	0.04505490
IPI:IPI00041959.5	0.000	0.000	n/a	n/a	2	35.983	35.072	39.069	45.561	51.557	49.219	36.708	2.095	48.779	3.022	0.410	0.00666238
IPI:IPI00042099.4	0.000	0.000	n/a	n/a	2	2.149	5.382	2.067	6.587	1.266	5.642	3.199	1.891	4.498	2.839	0.492	0.55057718
IPI:IPI00042580.4	0.000	0.000	n/a	n/a	4	244.087	218.084	221.806	332.228	323.959	336.673	227.992	14.062	330.953	6.452	0.538	0.00190331
IPI:IPI00043083.1	166.317	10.923	0.062	0.42501536	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00043360.4	0.000	0.000	n/a	n/a	1	23.587	27.277	27.635	46.922	41.936	48.597	26.166	2.241	45.819	3.465	0.808	0.00224861
IPI:IPI00043516.6	0.000	0.000	n/a	n/a	3	36.331	41.986	38.337	53.521	52.207	60.575	38.884	2.867	55.434	4.500	0.512	0.00916063
IPI:IPI00043564.2	0.000	0.000	n/a	n/a	3	191.874	175.724	180.244	168.782	168.033	180.810	182.614	8.332	172.542	7.170	-0.082	0.18944030
IPI:IPI00043565.3	128.203	8.999	-0.051	0.61771840	9	213.084	233.569	212.940	235.327	204.632	226.348	219.864	11.869	222.102	15.782	0.015	0.85499007
IPI:IPI00043598.2	1,301.297	24.163	-0.053	0.10164211	20	995.799	1,029.850	983.576	1,118.310	1,072.430	1,108.460	1,003.075	23.980	1,099.733	24.153	0.133	0.00793708
IPI:IPI00043622.3	244.339	6.539	-0.150	0.02816754	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00043638.1	126.684	15.207	-0.175	0.19907066	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00043741.4	0.000	0.000	n/a	n/a	1	15.234	14.765	15.075	34.307	30.517	31.226	15.025	0.239	32.017	2.015	1.092	0.00422935
IPI:IPI00043978.1	163.426	8.098	0.102	0.19898486	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00043990.3	44.687	3.621	0.053	0.56632942	1	14.151	13.752	11.588	14.255	11.208	14.991	13.164	1.379	13.485	2.006	0.035	0.83603371
IPI:IPI00044583.1	11.731	1.281	-0.262	0.13208061	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00044608.5	0.000	0.000	n/a	n/a	10	347.672	316.639	350.667	398.235	408.064	409.622	338.326	18.841	405.307	6.174	0.261	0.01757224
IPI:IPI00044681.1	32.078	0.675	-0.017	0.82331482	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00044683.1	0.000	0.000	n/a	n/a	2	42.133	29.090	39.634	61.125	59.959	58.812	36.952	6.923	59.965	1.157	0.698	0.02617628
IPI:IPI00044748.6	151.382	4.611	0.695	0.00018640	10	480.344	484.699	479.923	728.159	696.401	722.792	481.655	2.644	715.784	16.999	0.572	0.00141288
IPI:IPI00044749.6	248.673	9.497	0.164	0.02888668	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00044751.5	0.000	0.000	n/a	n/a	2	59.278	49.454	60.193	66.527	80.323	65.129	56.308	5.954	70.660	8.398	0.328	0.08037527
IPI:IPI00044761.4	365.588	19.583	-0.228	0.01366706	14	583.432	576.923	585.654	655.134	652.923	651.436	582.003	4.538	653.164	1.861	0.166	0.00031202
IPI:IPI00044779.2	0.000	0.000	n/a	n/a	1	82.331	87.583	78.568	65.152	66.459	63.711	82.827	4.528	65.107	1.374	-0.347	0.01479897
IPI:IPI00044790.2	0.000	0.000	n/a	n/a	1	40.069	49.169	41.479	73.720	56.460	73.157	43.573	4.898	67.779	9.807	0.637	0.03262465
IPI:IPI00045051.3	0.000	0.000	n/a	n/a	2	70.406	75.368	65.014	110.551	108.894	106.004	70.263	5.178	108.483	2.301	0.627	0.00197519
IPI:IPI00045207.2	0.000	0.000	n/a	n/a	4	90.010	89.692	97.687	106.580	121.516	110.710	92.463	4.527	112.935	7.713	0.289	0.02496699
IPI:IPI00045219.2	323.742	21.803	-0.066	0.36009123	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00045396.1	188.238	2.340	-0.129	0.08527731	3	231.283	243.140	230.549	136.865	122.928	133.351	234.991	7.067	131.048	7.248	-0.843	0.00005993
IPI:IPI00045492.1	0.000	0.000	n/a	n/a	1	15.874	15.650	13.822	26.909	24.462	24.644	15.115	1.125	25.338	1.363	0.745	0.00066681
IPI:IPI00045503.1	9.260	1.956	0.170	0.48698243	3	152.936	148.049	154.675	81.596	89.469	90.707	151.887	3.435	87.257	4.942	-0.800	0.00011143
IPI:IPI00045511.1	406.263	7.945	0.050	0.08738187	5	260.290	263.586	252.251	358.123	324.214	335.146	258.709	5.831	339.161	17.307	0.391	0.00919152
IPI:IPI00045527.3	0.000	0.000	n/a	n/a	1	18.821	17.283	22.578	20.587	29.877	25.215	19.561	2.724	25.226	4.645	0.367	0.15940451
IPI:IPI00045531.1	78.775	10.910	0.033	0.87080671	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00045536.2	0.000	0.000	n/a	n/a	3	60.296	67.194	58.025	93.230	68.737	91.475	61.839	4.775	84.481	13.662	0.450	0.09014297
IPI:IPI00045550.4	47.672	1.811	0.000	0.99922490	14	305.576	308.114	307.855	413.990	409.503	418.317	307.182	1.397	413.937	4.407	0.430	0.00019131
IPI:IPI00045600.6	512.275	22.370	0.009	0.87537465	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00045660.4	53.663	1.772	-0.653	0.01441340	7	480.885	436.648	481.030	219.455	235.046	224.929	466.188	25.582	226.477	7.910	-1.042	0.00192467
IPI:IPI00045764.3	0.000	0.000	n/a	n/a	1	9.413	8.218	6.520	7.311	7.186	8.271	8.050	1.454	7.589	0.593	-0.085	0.65075697
IPI:IPI00045798.3	98.928	10.451	-0.271	0.07341367	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00045839.3	293.028	2.091	0.161	0.02572649	6	316.087	290.186	320.070	220.081	248.634	225.435	308.781	16.226	231.383	15.177	-0.416	0.00387759
IPI:IPI00045841.5	59.741	9.732	0.156	0.40170686	1	38.195	32.894	37.270	48.867	58.373	48.693	36.120	2.832	51.978	5.540	0.525	0.02194310
IPI:IPI00045914.1	0.000	0.000	n/a	n/a	13	523.524	529.077	521.216	552.733	547.853	530.268	524.606	4.041	543.618	11.816	0.051	0.09598675

IPI:IPI00045928.1	SLC9A7	Sodium/hydrogen exchanger 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00045946.4	YME1L1	Isoform 1 of ATP-dependent metalloprotease YME1L1	5	304.488	299.168	302.415	248.600	255.040	255.304	302.024	2.682
IPI:IPI00046057.1	STXBP1	Isoform 2 of Syntaxin-binding protein 1	5	345.957	369.910	382.152	387.033	385.937	355.734	366.006	18.411
IPI:IPI00046682.6	C2orf76	UPF0538 protein C2orf76	1	67.967	64.660	66.315	70.971	80.582	72.273	66.314	1.654
IPI:IPI00046828.4	CCDC58	Coiled-coil domain-containing protein 58	4	177.942	150.270	197.370	168.407	200.900	178.817	175.194	23.670
IPI:IPI00047006.7	PIGX	Isoform 2 of Phosphatidylinositol-glycan biosynthesis class X protein	1	10.638	9.950	7.385	10.693	8.050	8.768	9.324	1.714
IPI:IPI00048500.1	UBXN2B	UBX domain-containing protein 2B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00054042.1	GTF2I	Isoform 1 of General transcription factor II-I	11	568.653	589.017	577.134	428.197	435.678	440.659	578.268	10.229
IPI:IPI00055954.4	WDR43	WD repeat-containing protein 43	4	112.342	107.257	107.057	116.527	99.311	121.504	108.885	2.995
IPI:IPI00056310.3	SCAMP4	Isoform 1 of Secretory carrier-associated membrane protein 4	3	77.695	78.219	77.587	98.353	105.258	106.206	77.834	0.338
IPI:IPI00056318.3	GTF3C6	General transcription factor 3C polypeptide 6	3	139.324	126.351	148.348	82.954	87.725	88.180	138.008	11.057
IPI:IPI00056324.1	HPS3	Isoform 1 of Hermansky-Pudlak syndrome 3 protein	2	127.294	137.866	127.952	155.468	162.008	158.320	131.037	5.923
IPI:IPI00056334.5	PRKCDBP	Protein kinase C delta-binding protein	6	506.408	476.948	484.876	512.563	545.393	520.431	489.411	15.245
IPI:IPI00056357.3	C19orf10	UPF0556 protein C19orf10	9	569.107	543.934	568.798	564.251	597.351	548.512	560.613	14.445
IPI:IPI00056386.2	LOH12CR1	Isoform 1 of Loss of heterozygosity 12 chromosomal region 1 protein	2	117.638	138.461	114.926	161.002	136.644	160.162	123.675	12.877
IPI:IPI00056432.2	UBE2F	Isoform 1 of NEDD8-conjugating enzyme UBE2F	3	129.092	122.650	135.670	136.160	138.234	140.243	129.137	6.510
IPI:IPI00056496.1	RAB24	Ras-related protein Rab-24	3	62.757	61.369	64.183	73.082	74.009	66.776	62.770	1.407
IPI:IPI00056499.1	ZNF622	Zinc finger protein 622	2	98.281	116.706	89.089	163.253	122.866	145.473	101.358	14.064
IPI:IPI00056505.6	NT5C3L	Cytosolic 5'-nucleotidase III-like protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00057097.3	DNTTIP1	Deoxynucleotidyltransferase terminal-interacting protein 1	1	27.245	25.166	27.819	25.044	30.051	26.214	26.743	1.396
IPI:IPI00058192.1	POFUT1	Isoform 1 of GDP-fucose protein O-fucosyltransferase 1	2	94.088	86.339	91.297	107.511	124.490	101.880	90.575	3.925
IPI:IPI00059242.3	SYAP1	Synapse-associated protein 1	7	262.868	287.360	267.238	310.530	276.706	333.348	272.489	13.063
IPI:IPI00059279.5	EXOC4	Exocyst complex component 4	9	406.277	379.985	408.899	391.593	439.854	408.258	398.387	15.990
IPI:IPI00059292.3	MAGOHB	Protein mago nashi homolog 2	9	535.614	505.892	531.486	422.872	480.817	454.738	524.331	16.101
IPI:IPI00059366.4	H2AFY	H2A histone family, member Y isoform 2	16	1,217.920	1,334.980	1,344.350	1,456.760	1,271.990	1,333.260	1,299.083	70.445
IPI:IPI00059762.5	LYPLAL1	Isoform 1 of Lysophospholipase-like protein 1	2	59.280	61.487	62.260	84.382	83.465	82.178	61.009	1.546
IPI:IPI00059779.4	USP25	USP25 protein	1	2.718	2.273	3.685	3.553	4.444	3.177	2.892	0.722
IPI:IPI00059912.1	C18orf24	Isoform 1 of Spindle and kinetochore-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00059944.3	RNF25	E3 ubiquitin-protein ligase RNF25	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00059975.3	SYTL2	Isoform 2 of Synaptotagmin-like protein 2	1	49.827	42.873	46.428	70.584	85.994	77.212	46.376	3.477
IPI:IPI00060031.3	ARL8A	ADP-ribosylation factor-like protein 8A	2	268.715	205.862	257.390	283.215	365.681	311.304	243.989	33.501
IPI:IPI00060144.3	YIF1B	Isoform 5 of Protein YIF1B	1	59.936	53.836	65.552	57.707	65.275	62.986	59.775	5.860
IPI:IPI00060148.3	CCDC127	Coiled-coil domain-containing protein 127	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00060181.1	EFHD2	EF-hand domain-containing protein D2	7	620.668	607.061	612.504	597.569	603.950	594.723	613.411	6.849
IPI:IPI00060200.3	GALM	Aldose 1-epimerase	1	148.782	135.828	146.250	157.326	188.157	164.398	143.620	6.866
IPI:IPI00060287.3	C3orf31	MMP37-like protein, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00060379.1	INTS12	Integrator complex subunit 12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00060414.3	CHMP4C	Charged multivesicular body protein 4c	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00060423.4	CTHRC1	Isoform 1 of Collagen triple helix repeat-containing protein 1	4	170.887	138.914	160.903	252.442	297.726	262.701	156.901	16.358
IPI:IPI00060473.6	EVI5L	EVI5-like protein	1	47.753	48.506	43.517	55.971	39.474	47.975	46.592	2.689
IPI:IPI00060545.5	PARL	Isoform 1 of Presenilins-associated rhomboid-like protein, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00060569.1	ABHD12	Isoform 2 of Monoacylglycerol lipase ABHD12	1	36.837	30.234	31.451	38.382	41.035	40.419	32.840	3.514
IPI:IPI00060627.2	CCDC124	Coiled-coil domain-containing protein 124	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00060800.5	ZG16B	Zymogen granule protein 16 homolog B	2	40.855	36.695	34.932	263.487	321.634	268.198	37.494	3.042
IPI:IPI00061108.3	MRRFP;MRRF	Isoform 1 of Ribosome-recycling factor, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00061142.3	NUS1	Nogo-B receptor	2	124.002	115.680	127.282	124.173	132.191	126.460	122.321	5.981
IPI:IPI00061200.4	KRT71	Keratin, type II cytoskeletal 71	1	26.742	27.501	31.877	28.695	35.562	30.298	28.707	2.772
IPI:IPI00061229.1	OMA1	Isoform 1 of Metalloendopeptidase OMA1, mitochondrial	1	43.366	48.049	43.694	55.665	43.516	59.008	45.036	2.614
IPI:IPI00061245.4	MRPS10	28S ribosomal protein S10, mitochondrial	3	35.388	41.753	38.752	44.401	39.207	46.794	38.631	3.184
IPI:IPI00061356.3	CCDC99	Isoform 1 of Coiled-coil domain-containing protein 99	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00061376.5	ELP4	Isoform 1 of Elongator complex protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00061525.3	GNPNAT1	Glucosamine 6-phosphate N-acetyltransferase	8	439.156	381.886	451.088	391.419	431.135	407.056	424.043	36.994
IPI:IPI00061528.3	KTI12	Protein KTI12 homolog	2	65.368	62.578	62.224	70.163	68.813	70.792	63.390	1.722

IPI:IPI00045928.1	0.000	0.000	n/a	n/a	3	119.937	118.717	116.621	154.596	154.216	159.237	118.425	1.677	156.016	2.796	0.398	0.00015631
IPI:IPI00045946.4	252.981	3.797	-0.256	0.00011201	1	30.725	40.462	29.940	52.764	35.413	52.943	33.709	5.861	47.040	10.070	0.481	0.13584844
IPI:IPI00046057.1	376.235	17.763	0.040	0.52937861	11	367.571	394.133	377.171	410.390	393.522	408.605	379.625	13.450	404.172	9.267	0.090	0.06768227
IPI:IPI00046682.6	74.608	5.214	0.170	0.09917267	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00046828.4	182.708	16.592	0.061	0.67981327	12	305.386	325.279	311.767	384.374	374.894	387.252	314.144	10.157	382.173	6.466	0.283	0.00132930
IPI:IPI00047006.7	9.170	1.366	-0.024	0.91080473	1	10.479	8.165	9.648	16.025	15.251	15.553	9.431	1.172	15.610	0.390	0.727	0.00690300
IPI:IPI00048500.1	0.000	0.000	n/a	n/a	1	7.842	6.267	6.874	0.000	0.014	0.000	6.994	0.794	0.005	0.008	-10.507	0.00428175
IPI:IPI00054042.1	434.845	6.273	-0.411	0.00012707	34	1,476.910	1,465.650	1,476.070	1,630.040	1,662.600	1,633.300	1,472.877	6.273	1,641.980	17.932	0.157	0.00159332
IPI:IPI00055954.4	112.447	11.645	0.046	0.65390457	15	464.212	484.364	463.256	579.943	525.306	562.586	470.611	11.920	555.945	27.917	0.240	0.02097806
IPI:IPI00056310.3	103.272	4.287	0.408	0.00904891	2	46.591	43.648	45.086	43.162	41.089	42.697	45.108	1.471	42.316	1.088	-0.092	0.06253722
IPI:IPI00056318.3	86.286	2.895	-0.678	0.01091049	3	139.013	143.530	142.366	196.450	170.214	195.125	141.636	2.345	187.263	14.780	0.403	0.03062601
IPI:IPI00056324.1	158.599	3.279	0.275	0.00516152	1	98.427	87.415	106.033	114.598	130.962	124.083	97.292	9.361	123.214	8.217	0.341	0.02333334
IPI:IPI00056334.5	526.129	17.141	0.104	0.05100511	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00056357.3	570.038	24.928	0.024	0.60828584	8	599.142	599.611	595.981	413.074	425.846	405.994	598.245	1.974	414.971	10.061	-0.528	0.00068467
IPI:IPI00056386.2	152.603	13.827	0.303	0.05721627	2	91.632	96.525	87.879	125.246	113.902	122.669	92.012	4.336	120.606	5.947	0.390	0.00348161
IPI:IPI00056432.2	138.212	2.042	0.098	0.12697509	1	22.368	18.763	22.350	24.144	27.184	23.611	21.160	2.076	24.980	1.928	0.239	0.08020108
IPI:IPI00056496.1	71.289	3.936	0.184	0.05131949	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00056499.1	143.864	20.242	0.505	0.04684184	3	70.179	75.536	68.011	90.798	81.083	84.371	71.242	3.873	85.417	4.942	0.262	0.01932929
IPI:IPI00056505.6	0.000	0.000	n/a	n/a	3	82.719	69.634	83.493	97.713	104.042	93.012	78.615	7.788	98.256	5.535	0.322	0.02807760
IPI:IPI00057097.3	27.103	2.619	0.019	0.84769370	1	46.051	41.946	45.444	60.303	61.824	58.206	44.480	2.216	60.111	1.817	0.434	0.00083876
IPI:IPI00058192.1	111.294	11.770	0.297	0.08077918	15	535.208	569.142	556.519	472.930	448.973	460.411	553.623	17.151	460.771	11.983	-0.265	0.00241029
IPI:IPI00059242.3	306.861	28.499	0.171	0.16072409	21	914.068	929.943	877.152	1,077.850	1,022.640	1,066.740	907.054	27.085	1,055.743	29.202	0.219	0.00300561
IPI:IPI00059279.5	413.235	24.512	0.053	0.43667888	7	371.055	397.681	368.752	284.473	276.600	289.738	379.163	16.079	283.604	6.612	-0.419	0.00398071
IPI:IPI00059292.3	452.809	29.021	-0.212	0.03135474	5	278.145	252.080	266.833	270.146	288.466	271.772	265.686	13.070	276.795	10.140	0.059	0.31364735
IPI:IPI00059366.4	1,354.003	94.115	0.060	0.46722738	26	970.915	939.725	963.973	944.280	975.160	978.153	958.204	16.376	965.864	18.752	0.011	0.62408782
IPI:IPI00059762.5	83.342	1.107	0.450	0.00007329	1	42.427	37.720	50.154	28.462	36.437	32.805	43.434	6.278	32.568	3.993	-0.415	0.07595246
IPI:IPI00059779.4	3.725	0.651	0.365	0.21350223	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00059912.1	0.000	0.000	n/a	n/a	1	40.252	38.991	37.619	44.635	41.402	41.614	38.954	1.317	42.550	1.808	0.127	0.05502803
IPI:IPI00059944.3	0.000	0.000	n/a	n/a	1	26.457	23.329	30.114	20.934	28.694	17.967	26.633	3.396	22.531	5.539	-0.241	0.34810575
IPI:IPI00059975.3	77.930	7.730	0.749	0.00955559	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00060031.3	320.067	41.926	0.392	0.07326667	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00060144.3	61.989	3.881	0.052	0.61909424	1	109.537	102.478	93.399	34.778	32.740	33.194	101.805	8.090	33.571	1.070	-1.601	0.00411661
IPI:IPI00060148.3	0.000	0.000	n/a	n/a	3	27.196	34.315	32.764	55.755	58.843	51.252	31.425	3.744	55.283	3.818	0.815	0.00152173
IPI:IPI00060181.1	598.747	4.725	-0.035	0.04437642	8	565.179	550.767	578.297	626.958	686.899	653.423	564.748	13.770	655.760	30.039	0.216	0.02039266
IPI:IPI00060200.3	169.960	16.151	0.243	0.08956885	6	128.869	134.501	127.211	131.023	118.533	129.199	130.194	3.821	126.252	6.746	-0.044	0.44137886
IPI:IPI00060287.3	0.000	0.000	n/a	n/a	2	84.888	87.565	83.738	115.589	103.289	112.585	85.397	1.963	110.488	6.413	0.372	0.01472141
IPI:IPI00060379.1	0.000	0.000	n/a	n/a	2	83.357	89.796	89.987	86.886	84.900	88.211	87.713	3.774	86.666	1.666	-0.017	0.69597706
IPI:IPI00060414.3	0.000	0.000	n/a	n/a	1	12.982	13.505	13.875	12.830	12.744	14.637	13.454	0.449	13.404	1.069	-0.005	0.94688368
IPI:IPI00060423.4	270.956	23.744	0.788	0.00365810	3	84.949	84.819	91.276	14.973	12.041	15.778	87.014	3.691	14.264	1.967	-2.609	0.00007121
IPI:IPI00060473.6	47.806	8.250	0.037	0.82884682	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00060545.5	0.000	0.000	n/a	n/a	2	66.324	73.172	64.358	76.169	65.962	70.078	67.951	4.627	70.736	5.135	0.058	0.52510700
IPI:IPI00060569.1	39.945	1.389	0.283	0.05760915	5	206.118	218.364	227.242	215.075	237.499	222.946	217.241	10.607	225.173	11.377	0.052	0.42797977
IPI:IPI00060627.2	0.000	0.000	n/a	n/a	2	115.958	119.930	107.970	101.867	94.898	104.073	114.619	6.091	100.279	4.789	-0.193	0.03535672
IPI:IPI00060800.5	284.440	32.297	2.923	0.00533190	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00061108.3	0.000	0.000	n/a	n/a	5	289.594	348.412	302.507	313.896	246.863	295.123	313.504	30.913	285.294	34.581	-0.136	0.35225599
IPI:IPI00061142.3	127.608	4.130	0.061	0.28440918	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00061200.4	31.519	3.592	0.135	0.34716246	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00061229.1	52.730	8.152	0.228	0.23890516	2	81.022	85.166	86.565	143.132	123.596	132.539	84.251	2.883	133.089	9.780	0.660	0.00869861
IPI:IPI00061245.4	43.467	3.879	0.170	0.17378560	8	409.179	419.935	410.500	375.559	332.630	364.233	413.205	5.866	357.474	22.248	-0.209	0.04164514
IPI:IPI00061356.3	0.000	0.000	n/a	n/a	5	133.551	119.346	129.130	132.826	146.307	139.514	127.342	7.269	139.549	6.741	0.132	0.10170567
IPI:IPI00061376.5	0.000	0.000	n/a	n/a	1	9.022	7.525	8.220	5.342	4.850	7.663	8.256	0.749	5.952	1.503	-0.472	0.09979247
IPI:IPI00061525.3	409.870	20.007	-0.049	0.60010706	4	174.547	172.817	178.089	147.501	152.076	155.254	175.151	2.687	151.610	3.897	-0.208	0.00167498
IPI:IPI00061528.3	69.923	1.011	0.142	0.00888547	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00061531.4	MRPL53	39S ribosomal protein L53, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00061623.1	SGTB	Small glutamine-rich tetratricopeptide repeat-containing protein beta	5	312.274	277.301	307.501	297.551	315.664	285.747	299.025	18.965
IPI:IPI00061680.1	CCDC101	SAGA-associated factor 29 homolog	1	50.069	42.567	52.283	48.371	49.278	50.218	48.306	5.092
IPI:IPI00061989.3	CDCA5	Sororin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00062037.1	DYNLL2	Dynein light chain 2, cytoplasmic	4	366.587	331.915	361.073	372.291	415.095	381.882	353.192	18.631
IPI:IPI00062120.1	S100A16	Protein S100-A16	1	49.545	47.138	55.382	50.447	57.204	42.481	50.689	4.239
IPI:IPI00062151.5	-	Ribosomal protein L15	3	218.691	200.042	222.226	235.825	188.508	206.021	213.653	11.919
IPI:IPI00062264.4	SCYL1	Isoform 4 of N-terminal kinase-like protein	10	478.718	476.900	495.442	427.629	507.778	444.859	483.687	10.221
IPI:IPI00062298.3	C1orf151	UPF0327 protein C1orf151	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00062336.1	RPRD1A	Isoform 2 of Regulation of nuclear pre-mRNA domain-containing protein 1A	3	133.842	160.324	136.292	153.239	117.236	158.768	143.486	14.633
IPI:IPI00062419.2	SDSL	Serine dehydratase-like	1	78.563	77.916	70.480	80.838	88.470	89.435	75.653	4.492
IPI:IPI00062469.2	TMEM49	Transmembrane protein 49	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00062599.3	-	71 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00062810.7	TBCKL	Isoform 3 of TBC domain-containing protein kinase-like protein	1	74.671	78.882	78.880	84.097	87.627	89.478	77.478	2.431
IPI:IPI00062866.3	ZC3HAV1L	Isoform 1 of Zinc finger CCCH-type antiviral protein 1-like	2	40.400	64.677	47.392	67.643	56.100	69.017	50.823	12.497
IPI:IPI00062869.3	LIN37	Protein lin-37 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063106.4	SENP5	Sentrin-specific protease 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063121.5	ATPBD4	ATP-binding domain-containing protein 4	1	8.463	5.472	7.174	7.085	6.758	6.805	7.037	1.500
IPI:IPI00063130.2	TMEM205	Transmembrane protein 205	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063188.1	ECSIT	Isoform 2 of Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial	1	31.441	29.606	34.501	34.644	32.963	35.727	31.849	2.473
IPI:IPI00063234.1	PRKAR2A	Protein kinase, cAMP-dependent, regulatory, type II, alpha, isoform CRA_b	5	426.110	428.508	425.905	492.352	487.269	488.448	426.841	1.447
IPI:IPI00063242.5	PGAM5	Isoform 2 of Phosphoglycerate mutase family member 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063244.1	PIGY	Protein preY, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063388.1	TMEM44	Isoform 4 of Transmembrane protein 44	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063404.8	CPSF3L	Isoform 1 of Integrator complex subunit 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063434.2	PHF23	Isoform 1 of PHD finger protein 23	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063650.3	ELOF1	Elongation factor 1 homolog	1	51.433	42.214	51.032	42.022	52.549	41.254	48.226	5.211
IPI:IPI00063673.1	ISY1;RAB43	Isoform 2 of Pre-mRNA-splicing factor ISY1 homolog	2	183.629	163.701	176.804	126.200	145.780	128.864	174.711	10.127
IPI:IPI00063729.4	THOC3	THO complex subunit 3	2	101.431	113.122	99.044	109.961	92.173	110.182	104.532	7.534
IPI:IPI00063784.3	VTI1B	Isoform Long of Vesicle transport through interaction with t-SNAREs homolog 1B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00063827.1	ABHD14B	Isoform 1 of Abhydrolase domain-containing protein 14B	5	278.983	276.502	300.949	337.380	343.144	308.500	285.478	13.456
IPI:IPI00063881.3	SEC22A	Vesicle-trafficking protein SEC22a	1	13.905	17.870	13.318	18.741	19.329	20.823	15.031	2.476
IPI:IPI00063962.5	RP11-529I1	Protein DPCD	2	113.453	111.870	112.200	114.181	116.540	124.380	112.508	0.835
IPI:IPI00064162.4	VCPIP1	Deubiquitinating protein VCIP135	3	210.032	217.258	218.132	190.527	195.742	197.356	215.141	4.446
IPI:IPI00064193.3	TMX3	Isoform 1 of Protein disulfide-isomerase TMX3	16	1,325.110	1,225.850	1,331.660	1,247.990	1,381.440	1,306.220	1,294.207	59.289
IPI:IPI00064212.2	ZNF828	Zinc finger protein 828	4	160.494	149.401	150.453	150.697	143.970	162.477	153.449	6.123
IPI:IPI00064328.3	PRMT5	protein arginine methyltransferase 5 isoform b	5	439.826	408.968	431.313	455.594	464.410	464.111	426.702	15.937
IPI:IPI00064357.1	ATF2	Activating transcription factor 2, isoform CRA_d	1	51.375	50.929	48.279	46.706	55.797	52.883	50.194	1.674
IPI:IPI00064429.5	PAMR1	Isoform 2 of Inactive serine protease RAMP	1	25.883	29.329	26.224	46.300	43.287	46.868	27.145	1.899
IPI:IPI00064767.3	ARHGAP17	Isoform 1 of Rho GTPase-activating protein 17	14	743.378	697.579	746.473	746.088	791.530	766.789	729.143	27.379
IPI:IPI00064931.3	EP400	Isoform 2 of E1A-binding protein p400	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00065063.3	DHRS1	Dehydrogenase/reductase SDR family member 1	2	74.991	88.512	69.026	86.611	73.048	88.621	77.510	9.984
IPI:IPI00065276.2	ASPSCR1	Isoform 2 of Tether containing UBX domain for GLUT4	3	266.702	254.371	291.065	304.922	340.676	317.949	270.713	18.673
IPI:IPI00065390.1	ZNF597	Zinc finger protein 597	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00065435.3	FGD4	cDNA FLJ56188, highly similar to FYVE, RhoGEF and PH domain-containing protein4	14	810.687	942.455	827.195	803.346	702.886	802.325	860.112	71.787
IPI:IPI00065500.3	C1orf58	BRO1 domain-containing protein BROX	9	348.546	381.443	330.931	472.643	407.052	465.712	353.640	25.638
IPI:IPI00065515.6	CWF19L2	CWF19-like 2, cell cycle control	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00065671.1	UCK2	Isoform 1 of Uridine-cytidine kinase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00065931.4	AKAP13	Isoform 2 of A-kinase anchor protein 13	4	158.610	182.736	164.130	192.194	151.065	181.025	168.492	12.641
IPI:IPI00066543.2	PDE5A	phosphodiesterase 5A isoform 3	1	26.112	27.975	26.423	36.258	33.958	37.131	26.837	0.998

IPI:IPI00061531.4	0.000	0.000	n/a	n/a	2	33.164	28.806	31.681	29.756	33.934	30.573	31.217	2.216	31.421	2.214	0.009	0.91707524
IPI:IPI00061623.1	299.654	15.069	0.003	0.96884854	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00061680.1	49.289	0.924	0.029	0.77302667	2	37.961	51.600	46.669	47.399	53.284	54.103	45.410	6.906	51.596	3.657	0.184	0.26299742
IPI:IPI00061989.3	0.000	0.000	n/a	n/a	2	65.917	83.204	63.083	72.406	56.843	76.007	70.734	10.891	68.419	10.185	-0.048	0.80237951
IPI:IPI00062037.1	389.756	22.462	0.142	0.09842670	6	228.680	226.263	222.541	212.579	197.673	209.533	225.828	3.093	206.595	7.875	-0.128	0.03768743
IPI:IPI00062120.1	50.044	7.370	-0.018	0.90367039	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00062151.5	210.118	23.923	-0.024	0.83385753	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00062264.4	460.089	42.189	-0.072	0.43717144	14	561.295	540.096	582.817	452.773	517.613	479.972	561.403	21.361	483.453	32.560	-0.216	0.03245408
IPI:IPI00062298.3	0.000	0.000	n/a	n/a	1	82.431	71.899	83.265	53.313	65.175	52.864	79.198	6.335	57.117	6.981	-0.472	0.01570954
IPI:IPI00062336.1	143.081	22.553	-0.004	0.98086858	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00062419.2	86.248	4.710	0.189	0.04797267	1	29.593	29.063	23.987	35.024	32.621	38.776	27.548	3.095	35.474	3.102	0.365	0.03508943
IPI:IPI00062469.2	0.000	0.000	n/a	n/a	1	82.371	85.532	87.559	106.964	113.651	111.126	85.154	2.615	110.580	3.377	0.377	0.00068162
IPI:IPI00062599.3	0.000	0.000	n/a	n/a	3	72.313	72.301	72.737	94.402	94.372	88.039	72.451	0.249	92.271	3.665	0.349	0.01096511
IPI:IPI00062810.7	87.067	2.734	0.168	0.01086756	1	126.668	133.606	128.991	74.738	67.942	73.739	129.755	3.532	72.140	3.670	-0.847	0.00004111
IPI:IPI00062866.3	64.253	7.094	0.338	0.19917691	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00062869.3	0.000	0.000	n/a	n/a	1	50.018	54.226	54.949	54.685	47.083	54.512	53.064	2.663	52.094	4.340	-0.027	0.76192012
IPI:IPI00063106.4	0.000	0.000	n/a	n/a	1	18.028	20.841	21.418	26.603	26.602	26.992	20.096	1.814	26.732	0.225	0.412	0.02265131
IPI:IPI00063121.5	6.882	0.177	-0.032	0.87590202	2	99.207	106.723	104.794	98.047	107.552	102.265	103.575	3.904	102.621	4.762	-0.013	0.80419094
IPI:IPI00063130.2	0.000	0.000	n/a	n/a	3	104.837	101.671	109.638	74.441	82.062	68.590	105.382	4.011	75.031	6.755	-0.490	0.00525409
IPI:IPI00063188.1	34.445	1.393	0.113	0.20737357	1	59.713	73.003	55.240	69.843	54.083	70.786	62.652	9.239	64.904	9.383	0.051	0.78328288
IPI:IPI00063234.1	489.356	2.660	0.197	0.00003937	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00063242.5	0.000	0.000	n/a	n/a	7	166.778	201.121	179.264	201.611	161.980	201.013	182.388	17.383	188.201	22.710	0.045	0.74498873
IPI:IPI00063244.1	0.000	0.000	n/a	n/a	2	57.741	52.811	62.831	40.441	31.391	24.943	57.794	5.010	32.258	7.785	-0.841	0.01294133
IPI:IPI00063388.1	0.000	0.000	n/a	n/a	2	26.658	27.440	26.187	35.454	29.427	35.887	26.762	0.633	33.589	3.611	0.328	0.07792462
IPI:IPI00063404.8	0.000	0.000	n/a	n/a	1	51.148	58.288	61.188	64.857	60.083	65.289	56.874	5.167	63.410	2.889	0.157	0.14778786
IPI:IPI00063434.2	0.000	0.000	n/a	n/a	1	20.641	19.920	17.995	27.887	30.486	25.506	19.519	1.368	27.960	2.491	0.519	0.01311971
IPI:IPI00063650.3	45.275	6.311	-0.091	0.56943359	2	83.480	94.759	84.445	42.928	50.007	50.125	87.561	6.252	47.687	4.121	-0.877	0.00148109
IPI:IPI00063673.1	133.615	10.619	-0.387	0.00840113	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00063729.4	104.105	10.334	-0.006	0.95702459	12	388.006	430.115	409.543	389.877	389.470	389.747	409.221	21.056	389.698	0.208	-0.071	0.24959552
IPI:IPI00063784.3	0.000	0.000	n/a	n/a	6	167.746	157.114	164.605	190.978	223.048	198.698	163.155	5.462	204.241	16.738	0.324	0.04039366
IPI:IPI00063827.1	329.675	18.563	0.208	0.03337397	7	220.372	201.093	217.868	272.172	328.409	298.297	213.111	10.483	299.626	28.142	0.492	0.02270811
IPI:IPI00063881.3	19.631	1.073	0.385	0.06753909	5	147.830	157.622	144.285	188.688	152.618	180.042	149.912	6.908	173.783	18.832	0.213	0.14823175
IPI:IPI00063962.5	118.367	5.339	0.073	0.19531890	1	25.420	24.327	30.598	24.552	27.872	30.242	26.782	3.350	27.555	2.858	0.041	0.77696460
IPI:IPI00064162.4	194.542	3.569	-0.145	0.00387589	7	258.435	277.244	262.095	295.385	265.236	293.106	265.925	9.972	284.576	16.787	0.098	0.18988751
IPI:IPI00064193.3	1,311.883	66.905	0.020	0.74947472	11	623.277	599.041	638.533	411.740	423.662	409.507	620.284	19.915	414.970	7.610	-0.580	0.00108687
IPI:IPI00064212.2	152.381	9.368	-0.010	0.87831387	14	643.389	652.991	663.946	640.582	652.394	649.640	653.442	10.286	647.539	6.180	-0.013	0.45229346
IPI:IPI00064328.3	461.372	5.006	0.113	0.05304664	9	533.315	548.280	550.802	661.192	665.912	678.876	544.132	9.453	668.660	9.157	0.297	0.00008179
IPI:IPI00064357.1	51.795	4.642	0.045	0.62192646	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00064429.5	45.485	1.925	0.745	0.00030823	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00064767.3	768.136	22.751	0.075	0.13364570	15	659.750	692.117	660.163	650.217	625.973	664.565	670.677	18.569	646.918	19.506	-0.052	0.20151565
IPI:IPI00064931.3	0.000	0.000	n/a	n/a	5	185.179	169.207	182.882	183.473	195.530	193.144	179.089	8.635	190.716	6.385	0.091	0.14072830
IPI:IPI00065063.3	82.760	8.471	0.095	0.52676737	2	40.270	42.914	41.317	37.726	31.917	36.294	41.500	1.331	35.312	3.027	-0.233	0.05437977
IPI:IPI00065276.2	321.182	18.095	0.247	0.02837128	1	17.277	12.829	11.195	18.777	14.616	17.857	13.767	3.148	17.083	2.186	0.311	0.21755755
IPI:IPI00065390.1	0.000	0.000	n/a	n/a	1	13.120	14.228	11.187	14.699	12.137	12.772	12.845	1.539	13.203	1.334	0.040	0.77642575
IPI:IPI00065435.3	769.519	57.708	-0.161	0.16704936	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00065500.3	448.469	36.035	0.343	0.02468949	3	153.814	137.132	143.964	142.494	153.605	141.195	144.970	8.386	145.765	6.821	0.008	0.90590606
IPI:IPI00065515.6	0.000	0.000	n/a	n/a	2	106.309	133.338	116.088	139.439	129.807	142.108	118.578	13.686	137.118	6.471	0.210	0.12899940
IPI:IPI00065671.1	0.000	0.000	n/a	n/a	1	21.714	21.733	20.192	28.130	26.613	30.050	21.213	0.884	28.264	1.722	0.414	0.00817508
IPI:IPI00065931.4	174.761	21.268	0.053	0.68893495	14	616.931	703.262	598.251	769.312	618.250	741.796	639.481	56.020	709.786	80.458	0.150	0.29037791
IPI:IPI00066543.2	35.783	1.639	0.415	0.00277160	13	372.419	363.581	364.662	633.468	570.273	635.969	366.887	4.821	613.237	37.229	0.741	0.00679445

IPI:IPI00067538.1	C16orf87	Isoform 1 of UPF0547 protein C16orf87	1	20.708	16.800	21.132	18.918	16.448	18.386	19.547	2.388
IPI:IPI00069084.2	TRRAP	Isoform 1 of Transformation/transcription domain-associated protein	1	52.699	51.251	66.056	47.111	48.789	49.539	56.669	8.162
IPI:IPI00069309.5	LRWD1	Leucine-rich repeat and WD repeat-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00069734.2	ZMAT2	Zinc finger matrin-type protein 2	2	91.855	83.758	91.455	79.878	89.209	85.857	89.022	4.564
IPI:IPI00069750.2	PUF60	Isoform 1 of Poly(U)-binding-splicing factor PUF60	10	531.480	540.584	517.848	488.325	469.447	507.246	529.971	11.443
IPI:IPI00069817.2	BAZ1B	Isoform 1 of Tyrosine-protein kinase BAZ1B	14	686.414	698.159	687.875	678.179	644.156	669.340	690.816	6.401
IPI:IPI00070643.6	FAF1	Isoform Long of FAS-associated factor 1	3	34.442	43.902	32.950	44.300	34.946	42.286	37.098	5.939
IPI:IPI00070809.2	CDC2L2	Isoform SV1 of PITSLRE serine/threonine-protein kinase CDC2L2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00070943.4	PI4KA	Isoform 1 of Phosphatidylinositol 4-kinase alpha	3	111.635	121.205	113.082	130.329	126.114	131.153	115.307	5.159
IPI:IPI00071059.4	BAX	Isoform Epsilon of Apoptosis regulator BAX	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00071180.1	UBQLN1	Isoform 2 of Ubiquilin-1	1	140.836	116.371	134.598	119.227	145.706	117.784	130.602	12.713
IPI:IPI00071318.1	LUC7L	Isoform 1 of Putative RNA-binding protein Luc7-like 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00071697.1	NFYC	Isoform 3 of Nuclear transcription factor Y subunit gamma	1	34.189	40.249	42.167	47.281	40.583	46.829	38.868	4.164
IPI:IPI00071703.2	GFM2	Elongation factor G 2, mitochondrial precursor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00072044.3	C11orf54	Isoform 1 of Ester hydrolase C11orf54	3	130.152	137.205	137.903	123.087	121.888	111.785	135.087	4.288
IPI:IPI00072224.7	RINT1	RAD50-interacting protein 1	1	27.975	18.442	26.028	18.926	27.169	21.982	24.148	5.037
IPI:IPI00072257.1	DNPEP	cDNA FLJ10915 fis, clone OVARC1000288, weakly similar to VACUOLAR AMINOPEPTIDASE I	3	114.026	121.127	105.007	137.632	141.001	140.709	113.387	8.079
IPI:IPI00072377.1	SET	Isoform 1 of Protein SET	13	498.502	499.211	524.391	484.236	504.592	450.460	507.368	14.747
IPI:IPI00072534.2	UNC45A	Isoform 1 of Protein unc-45 homolog A	6	150.114	163.392	148.772	196.632	178.464	197.274	154.093	8.081
IPI:IPI00072541.4	PCID2	Isoform 3 of PCI domain-containing protein 2	4	86.164	82.544	92.887	59.636	71.144	64.047	87.198	5.248
IPI:IPI00072743.3	CLDND1	Isoform 1 of Claudin domain-containing protein 1	1	23.597	19.760	23.735	38.920	34.150	34.739	22.364	2.256
IPI:IPI00073179.1	VPS33A	Vacuolar protein sorting-associated protein 33A	1	72.139	69.606	71.601	71.457	84.832	78.238	71.115	1.334
IPI:IPI00073454.2	COL6A2	Isoform 2C2A' of Collagen alpha-2(VI) chain	9	526.021	534.092	540.326	432.103	431.145	451.846	533.480	7.172
IPI:IPI00073577.1	WDFY2	WD repeat and FYVE domain-containing protein 2	2	115.949	117.721	119.132	148.341	156.775	148.416	117.601	1.595
IPI:IPI00073713.3	MSI2	Isoform 1 of RNA-binding protein Musashi homolog 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00073779.1	MRPS35	Isoform 1 of 28S ribosomal protein S35, mitochondrial	3	125.030	126.022	125.452	129.604	131.766	126.458	125.501	0.498
IPI:IPI00073958.1	CNRIP1	Isoform 1 of CB1 cannabinoid receptor-interacting protein 1	4	228.911	253.071	244.628	271.618	242.295	256.565	242.203	12.261
IPI:IPI00074010.4	QTRTD1	48 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00074020.3	CENPK	Centromere protein K	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00074225.8	C15orf38	UPF0552 protein C15orf38	2	92.847	86.186	96.414	84.127	100.643	90.859	91.816	5.191
IPI:IPI00074258.3	MASTL	Isoform 1 of Microtubule-associated serine/threonine-protein kinase-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00074604.1	GLMN	Isoform 1 of Glomulin	1	38.678	38.126	49.315	41.428	53.609	41.816	42.040	6.307
IPI:IPI00074870.1	DNAJC1	DnaJ homolog subfamily C member 1	2	96.888	102.252	87.256	118.546	91.377	120.412	95.465	7.598
IPI:IPI00075080.2	OSBPL1A	Isoform B of Oxysterol-binding protein-related protein 1	1	11.223	10.445	9.386	9.960	17.050	12.964	10.351	0.922
IPI:IPI00075081.1	FANCD2	Isoform 1 of Fanconi anemia group D2 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00075248.1	CALM1;CALM	Calmodulin	14	997.030	878.900	966.947	894.742	1,013.700	944.458	947.626	61.389
IPI:IPI00077853.5	OSBPL9	Isoform 1 of Oxysterol-binding protein-related protein 9	1	19.248	18.487	21.235	16.779	21.471	18.513	19.657	1.419
IPI:IPI00083708.3	BAT2D1	Isoform 7 of BAT2 domain-containing protein 1	23	1,815.360	1,759.250	1,819.410	1,667.610	1,654.360	1,711.930	1,798.007	33.625
IPI:IPI00084571.4	MRPL39	Isoform 2 of 39S ribosomal protein L39, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00087375.2	WAC	Isoform 5 of WW domain-containing adapter protein with coiled-coil	1	86.652	98.955	86.885	83.296	68.528	80.068	90.831	7.037
IPI:IPI00090327.1	VPS45	Vacuolar protein sorting-associated protein 45	7	502.928	491.210	510.232	592.059	623.883	592.311	501.457	9.596
IPI:IPI00090720.4	QRSL1	Isoform 1 of Glutamyl-tRNA(Gln) amidotransferase subunit A homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00090807.6	METTL7B	Methyltransferase like 7B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00093057.6	CPOX	Coproporphyrinogen-III oxidase, mitochondrial	2	161.341	160.953	153.927	207.199	204.009	215.146	158.740	4.173
IPI:IPI00095891.2	GNAS	Isoform XLas-1 of Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00096066.2	SUCLG2	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial	19	767.459	793.836	743.546	827.987	764.289	832.939	768.280	25.155
IPI:IPI00096972.5	EHMT2	Isoform 1 of Histone-lysine N-methyltransferase, H3 lysine-9 specific 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00097492.4	ZNF512	Zinc finger protein 512	1	35.792	32.791	37.303	30.030	37.624	35.088	35.295	2.297
IPI:IPI00097495.5	TBC1D2	TBC1 domain family, member 2, isoform CRA_c	2	128.540	112.400	123.888	182.876	184.024	179.056	121.609	8.308
IPI:IPI00097856.6	SLC4A8	Isoform 2 of Electroneutral sodium bicarbonate exchanger 1	1	56.741	51.054	54.957	85.643	102.637	93.007	54.251	2.909
IPI:IPI00098827.1	HSPB11	Heat shock protein beta-11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00067538.1	17.918	1.300	-0.126	0.37376294	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00069084.2	48.480	1.243	-0.225	0.22244991	4	215.186	206.376	221.293	229.458	219.856	219.197	214.285	7.499	222.837	5.743	0.056	0.19672754
IPI:IPI00069309.5	0.000	0.000	n/a	n/a	3	143.488	158.312	141.074	187.656	146.821	174.630	147.625	9.334	169.702	20.859	0.201	0.20079732
IPI:IPI00069734.2	84.981	4.726	-0.067	0.34709495	5	281.170	267.438	295.341	443.730	492.335	442.408	281.316	13.952	459.491	28.451	0.708	0.00261347
IPI:IPI00069750.2	488.339	18.900	-0.118	0.04113729	17	657.102	699.278	668.610	885.835	826.301	836.308	674.997	21.801	849.481	31.878	0.332	0.00236937
IPI:IPI00069817.2	663.892	17.654	-0.057	0.10530335	2	69.461	62.581	72.739	54.129	60.528	58.118	68.260	5.184	57.591	3.232	-0.245	0.04904536
IPI:IPI00070643.6	40.511	4.923	0.127	0.48778714	5	197.409	210.721	189.245	289.174	243.747	274.374	199.125	10.840	269.098	23.168	0.434	0.02023765
IPI:IPI00070809.2	0.000	0.000	n/a	n/a	11	597.927	587.655	601.286	684.747	743.694	685.638	595.623	7.102	704.693	33.779	0.243	0.02639002
IPI:IPI00070943.4	129.199	2.703	0.164	0.02539735	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00071059.4	0.000	0.000	n/a	n/a	2	84.003	72.982	74.397	84.490	85.866	94.913	77.127	5.996	88.423	5.662	0.197	0.07696731
IPI:IPI00071180.1	127.572	15.721	-0.034	0.80926896	2	41.157	34.686	42.044	15.151	19.975	14.823	39.295	4.017	16.649	2.884	-1.239	0.00203440
IPI:IPI00071318.1	0.000	0.000	n/a	n/a	16	422.190	437.018	431.417	586.983	583.349	577.540	430.208	7.488	582.624	4.763	0.438	0.00003225
IPI:IPI00071697.1	44.897	3.743	0.208	0.13646724	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00071703.2	0.000	0.000	n/a	n/a	3	88.770	93.705	88.274	104.653	98.400	100.106	90.250	3.003	101.053	3.232	0.163	0.01341866
IPI:IPI00072044.3	118.920	6.208	-0.184	0.02545040	5	75.280	89.860	78.326	168.207	125.986	157.095	81.155	7.691	150.429	21.886	0.890	0.02195508
IPI:IPI00072224.7	22.692	4.167	-0.090	0.71999712	2	48.271	46.625	47.816	36.266	42.459	41.123	47.571	0.850	39.949	3.259	-0.252	0.04814027
IPI:IPI00072257.1	139.781	1.867	0.302	0.02502041	4	220.187	217.158	208.934	182.078	188.457	196.331	215.426	5.823	188.955	7.140	-0.189	0.00844050
IPI:IPI00072377.1	479.763	27.342	-0.081	0.22001808	1	64.019	65.119	65.103	80.227	69.901	80.471	64.747	0.631	76.867	6.033	0.248	0.07242563
IPI:IPI00072534.2	190.790	10.679	0.308	0.01075662	7	228.553	240.891	226.602	308.074	315.079	308.789	232.015	7.748	310.647	3.855	0.421	0.00063300
IPI:IPI00072541.4	64.942	5.806	-0.425	0.00811257	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00072743.3	35.936	2.601	0.684	0.00259519	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00073179.1	78.176	6.687	0.137	0.20550305	3	102.947	115.987	102.329	108.818	95.535	105.308	107.088	7.713	103.220	6.883	-0.053	0.55458758
IPI:IPI00073454.2	438.365	11.685	-0.283	0.00075654	5	199.124	214.107	188.141	17.130	23.079	25.917	200.457	13.034	22.042	4.484	-3.185	0.00065065
IPI:IPI00073577.1	151.177	4.848	0.362	0.00363349	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00073713.3	0.000	0.000	n/a	n/a	4	124.731	114.740	118.020	162.129	169.265	160.750	119.164	5.093	164.048	4.570	0.461	0.00036495
IPI:IPI00073779.1	129.276	2.669	0.043	0.13004115	8	327.115	289.056	309.476	364.061	389.854	373.055	308.549	19.046	375.657	13.092	0.284	0.01005338
IPI:IPI00073958.1	256.826	14.663	0.085	0.25826358	1	127.535	110.073	137.738	23.971	30.769	27.287	125.115	13.990	27.342	3.399	-2.194	0.00469533
IPI:IPI00074010.4	0.000	0.000	n/a	n/a	3	75.645	74.544	78.646	74.781	81.841	63.642	76.278	2.123	73.421	9.175	-0.055	0.64833926
IPI:IPI00074020.3	0.000	0.000	n/a	n/a	2	51.034	60.922	51.033	78.765	67.229	85.382	54.330	5.709	77.125	9.187	0.505	0.02963529
IPI:IPI00074225.8	91.876	8.305	0.001	0.99422315	1	33.783	32.551	36.602	39.857	47.085	39.700	34.312	2.077	42.214	4.219	0.299	0.06432857
IPI:IPI00074258.3	0.000	0.000	n/a	n/a	1	5.404	4.899	5.059	4.570	5.208	7.109	5.121	0.258	5.629	1.321	0.137	0.57664386
IPI:IPI00074604.1	45.618	6.924	0.118	0.54540183	2	23.920	21.008	25.415	12.852	18.105	15.465	23.448	2.241	15.474	2.627	-0.600	0.01693543
IPI:IPI00074870.1	110.112	16.252	0.206	0.25725694	4	127.168	120.991	123.169	144.859	150.273	145.476	123.776	3.133	146.869	2.964	0.247	0.00076470
IPI:IPI00075080.2	13.325	3.559	0.364	0.28247029	3	146.915	155.068	150.906	209.208	197.928	207.068	150.963	4.077	204.735	5.991	0.440	0.00043909
IPI:IPI00075081.1	0.000	0.000	n/a	n/a	2	32.985	27.832	27.710	32.909	39.310	31.749	29.509	3.011	34.656	4.072	0.232	0.15932766
IPI:IPI00075248.1	950.967	59.745	0.005	0.94980517	8	390.116	385.211	403.524	180.479	199.700	189.565	392.950	9.480	189.915	9.615	-1.049	0.00001304
IPI:IPI00077853.5	18.921	2.373	-0.055	0.67455787	2	68.857	66.581	70.623	78.548	95.539	78.474	68.687	2.026	84.187	9.831	0.294	0.10651104
IPI:IPI00083708.3	1,677.967	30.150	-0.100	0.01032180	19	844.086	821.645	845.179	557.215	593.320	597.586	836.970	13.283	582.707	22.180	-0.522	0.00026429
IPI:IPI00084571.4	0.000	0.000	n/a	n/a	11	997.929	1,026.130	1,081.710	731.051	804.393	704.562	1,035.256	42.630	746.669	51.715	-0.471	0.00198958
IPI:IPI00087375.2	77.297	7.764	-0.233	0.08966232	2	137.488	130.831	142.271	140.888	129.875	139.649	136.863	5.746	136.804	6.033	-0.001	0.99118640
IPI:IPI00090327.1	602.751	18.301	0.265	0.00334284	3	266.419	292.185	266.478	168.580	157.632	172.565	275.027	14.859	166.259	7.732	-0.726	0.00149010
IPI:IPI00090720.4	0.000	0.000	n/a	n/a	6	201.049	201.204	204.848	210.504	209.456	205.049	202.367	2.150	208.336	2.895	0.042	0.05018040
IPI:IPI00090807.6	0.000	0.000	n/a	n/a	4	61.580	54.939	68.133	68.753	75.638	69.357	61.551	6.597	71.249	3.813	0.211	0.10913362
IPI:IPI00093057.6	208.785	5.735	0.395	0.00044089	4	128.761	138.728	142.427	124.590	127.189	122.559	136.639	7.069	124.779	2.321	-0.131	0.08902212
IPI:IPI00095891.2	0.000	0.000	n/a	n/a	6	128.934	113.888	124.113	100.895	122.776	108.897	122.312	7.683	110.856	11.071	-0.142	0.22341699
IPI:IPI00096066.2	808.405	38.286	0.073	0.21515983	34	1,041.270	1,058.000	1,032.430	1,094.730	1,080.830	1,085.690	1,043.900	12.986	1,087.083	7.054	0.058	0.01394542
IPI:IPI00096972.5	0.000	0.000	n/a	n/a	2	40.463	38.900	42.866	71.846	72.867	72.804	40.743	1.998	72.506	0.572	0.832	0.00061737
IPI:IPI00097492.4	34.247	3.866	-0.043	0.71414707	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00097495.5	181.985	2.601	0.582	0.00343492	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00097856.6	93.762	8.522	0.789	0.00913195	2	167.313	171.836	174.176	50.928	55.514	55.007	171.108	3.489	53.816	2.514	-1.669	0.00000338
IPI:IPI00098827.1	0.000	0.000	n/a	n/a	1	58.553	50.375	65.072	13.052	20.324	15.147	58.000	7.364	16.174	3.743	-1.842	0.00325865

IPI:IPI00098902.4	OGDH	2-oxoglutarate dehydrogenase E1 component, mitochondrial	13	561.654	553.828	558.197	695.247	672.937	692.512	557.893	3.922
IPI:IPI00099131.1	ZC3H7B	Isoform 1 of Zinc finger CCCH domain-containing protein 7B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00099311.3	TRMT6	Isoform 1 of tRNA (adenine-N(1)-)-methyltransferase non-catalytic subunit TRM6	3	128.341	125.723	136.648	111.027	114.975	110.637	130.237	5.704
IPI:IPI00099463.2	SGPL1	Sphingosine-1-phosphate lyase 1	9	457.638	472.413	458.427	574.568	548.419	571.666	462.826	8.312
IPI:IPI00099464.4	FZR1	Isoform 2 of Fizzy-related protein homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00099595.2	HSD17B6	Hydroxysteroid 17-beta dehydrogenase 6	1	15.596	15.738	15.514	23.730	22.408	20.842	15.616	0.113
IPI:IPI00099650.2	JAG1	Protein jagged-1	6	225.600	235.991	223.611	271.973	242.725	266.784	228.401	6.648
IPI:IPI00099810.1	ZCCHC17	Isoform 1 of Nucleolar protein of 40 kDa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00099871.1	MRPL40	39S ribosomal protein L40, mitochondrial	2	209.913	180.111	214.981	174.502	208.365	188.068	201.668	18.840
IPI:IPI00099986.5	FN3KRP	Ketosamine-3-kinase	1	168.214	130.659	166.088	141.724	175.791	151.493	154.987	21.095
IPI:IPI00099996.2	RG9MTD1	Mitochondrial ribonuclease P protein 1	3	191.629	251.530	188.442	281.838	186.507	274.163	210.534	35.540
IPI:IPI00100106.1	RIC8A	resistance to inhibitors of cholinesterase 8 homolog A	1	63.980	84.986	61.067	83.967	47.619	76.912	70.011	13.050
IPI:IPI00100151.4	XRN2	Isoform 1 of 5'-3' exoribonuclease 2	11	833.777	808.357	834.800	672.602	659.614	674.256	825.645	14.980
IPI:IPI00100154.1	TOLLIP	Toll-interacting protein	1	12.502	10.523	11.431	18.165	15.786	19.824	11.485	0.991
IPI:IPI00100160.3	CAND1	Isoform 1 of Cullin-associated NEDD8-dissociated protein 1	31	1,785.560	1,782.860	1,746.540	1,944.510	1,933.050	1,954.450	1,771.653	21.791
IPI:IPI00100193.4	FLJ11506	Alpha- and gamma-adaptin-binding protein p34	1	77.177	76.530	80.110	84.278	103.045	91.848	77.939	1.908
IPI:IPI00100197.3	NSFL1C	Isoform 1 of NSFL1 cofactor p47	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100213.2	RRM2B	Isoform 1 of Ribonucleoside-diphosphate reductase subunit M2 B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100247.3	TMX4	Thioredoxin-related transmembrane protein 4	2	155.865	167.538	154.034	183.651	152.857	177.186	159.146	7.325
IPI:IPI00100292.6	NPEPL1	Isoform 1 of Probable aminopeptidase NPEPL1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100453.7	DENND4C	Isoform 6 of DENN domain-containing protein 4C	2	125.342	125.342	132.237	129.683	136.089	125.674	127.640	3.981
IPI:IPI00100460.2	DARS2	Aspartyl-tRNA synthetase, mitochondrial	2	196.230	186.198	186.194	202.716	200.511	191.865	189.541	5.793
IPI:IPI00100463.1	CUEDC2	CUE domain-containing protein 2	1	46.093	38.039	46.417	33.951	41.393	32.585	43.516	4.746
IPI:IPI00100468.4	ZNHIT6	Zinc finger HIT domain-containing protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100630.6	MLLT1	Protein ENL	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100656.3	GPSN2	Isoform 1 of Synaptic glycoprotein SC2	4	278.429	253.286	280.865	273.344	298.689	284.566	270.860	15.268
IPI:IPI00100673.6	RNF103;VPS	Charged multivesicular body protein 3	3	260.921	270.349	263.030	288.847	292.779	297.045	264.767	4.948
IPI:IPI00100731.3	SH2D4A	SH2 domain-containing protein 4A	4	180.364	163.436	186.082	179.263	217.020	184.235	176.627	11.776
IPI:IPI00100748.4	HSPBP1	cDNA FLJ55382, highly similar to Hsp70-binding protein 1	1	11.359	9.895	8.727	6.093	7.550	8.503	9.994	1.319
IPI:IPI00100775.1	C11orf67	Isoform 1 of UPF0366 protein C11orf67	1	67.979	58.092	70.907	67.077	74.725	69.751	65.659	6.715
IPI:IPI00100791.3	GTF2H3	General transcription factor IIH subunit 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100796.4	CHMP5	Charged multivesicular body protein 5	5	100.603	91.226	95.809	81.907	79.265	89.462	95.879	4.689
IPI:IPI00100930.2	C12orf43	cDNA FLJ58610	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100933.1	PTER	Phosphotriesterase-related protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00100980.9	EHD2	EH domain-containing protein 2	39	2,140.930	2,248.570	2,357.670	1,831.640	1,888.050	1,852.810	2,249.057	108.371
IPI:IPI00100984.4	HEATR3	Isoform 1 of HEAT repeat-containing protein 3	2	163.571	157.704	150.518	153.261	145.612	154.790	157.264	6.538
IPI:IPI00101037.3	RCN3	Reticulocalbin-3	1	22.980	26.966	23.453	30.538	32.703	27.775	24.466	2.178
IPI:IPI00101095.3	C20orf27	UPF0687 protein C20orf27	2	81.133	84.652	76.433	108.388	97.328	95.759	80.739	4.124
IPI:IPI00101163.5	MTERFD1	Isoform 1 of mTERF domain-containing protein 1, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00101186.6	RRP12	Isoform 1 of RRP12-like protein	5	231.385	230.822	243.343	247.272	266.918	249.006	235.183	7.072
IPI:IPI00101299.3	C1GALT1C1	C1GALT1-specific chaperone 1	1	75.148	63.784	66.865	78.720	87.194	82.849	68.599	5.877
IPI:IPI00101335.2	SLC27A4	Putative uncharacterized protein SLC27A4	4	167.431	197.825	176.488	266.916	229.143	263.667	180.581	15.605
IPI:IPI00101374.6	TM9SF1	cDNA FLJ61658, highly similar to Transmembrane 9 superfamily protein member 1	5	451.934	465.297	443.111	510.348	488.078	504.384	453.447	11.170
IPI:IPI00101524.3	SNF8	Isoform 1 of Vacuolar-sorting protein SNF8	1	156.214	158.641	161.227	147.632	157.096	151.086	158.694	2.507
IPI:IPI00101532.5	CEP55	Isoform 1 of Centrosomal protein of 55 kDa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00101600.5	CWF19L1	Isoform 1 of CWF19-like protein 1	4	204.277	225.107	204.654	209.489	191.861	208.776	211.346	11.919
IPI:IPI00101608.4	CRELD1	Isoform 2 of Cysteine-rich with EGF-like domain protein 1	2	25.619	29.132	27.608	33.664	27.387	32.507	27.453	1.762
IPI:IPI00101645.3	AHCYL2	Putative adenosylhomocysteinase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00101652.4	SCLY	Isoform 1 of Selenocysteine lyase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00101659.6	NSUN5	Isoform 2 of Putative methyltransferase NSUN5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00101664.2	NARS2	Probable asparaginyl-tRNA synthetase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00098902.4	686.899	12.168	0.300	0.00134944	27	1,356.550	1,341.440	1,320.010	1,099.950	1,076.540	1,124.310	1,339.333	18.361	1,100.267	23.887	-0.284	0.00024025
IPI:IPI00099131.1	0.000	0.000	n/a	n/a	4	145.368	158.081	156.380	238.582	207.933	214.127	153.276	6.901	220.214	16.206	0.523	0.00979220
IPI:IPI00099311.3	112.213	2.400	-0.215	0.01953612	6	248.600	241.879	237.402	275.447	284.995	263.443	242.627	5.636	274.628	10.799	0.179	0.01971635
IPI:IPI00099463.2	564.884	14.333	0.287	0.00130254	7	270.523	317.462	269.525	301.032	254.707	285.865	285.837	27.393	280.535	23.618	-0.027	0.81293063
IPI:IPI00099464.4	0.000	0.000	n/a	n/a	1	18.454	23.399	20.398	29.607	22.905	25.345	20.750	2.491	25.952	3.392	0.323	0.10535566
IPI:IPI00099595.2	22.326	1.446	0.516	0.01468358	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00099650.2	260.494	15.606	0.190	0.05426862	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00099810.1	0.000	0.000	n/a	n/a	1	85.763	82.717	67.290	165.737	148.846	177.669	78.590	9.904	164.084	14.482	1.062	0.00183072
IPI:IPI00099871.1	190.312	17.043	-0.084	0.48248397	10	361.452	349.333	366.645	311.452	331.889	303.087	359.143	8.884	315.476	14.817	-0.187	0.01838802
IPI:IPI00099986.5	156.336	17.542	0.013	0.93656479	2	86.025	91.591	96.779	136.049	127.552	125.582	91.465	5.378	129.728	5.562	0.504	0.00102815
IPI:IPI00099996.2	247.503	52.963	0.233	0.37987477	16	829.027	795.696	828.265	683.874	723.200	692.197	817.663	19.028	699.757	20.724	-0.225	0.00197047
IPI:IPI00100106.1	69.499	19.275	-0.011	0.97212204	6	175.411	187.831	166.318	261.147	245.338	249.383	176.520	10.799	251.956	8.213	0.513	0.00090494
IPI:IPI00100151.4	668.824	8.019	-0.304	0.00047715	14	722.412	709.977	667.547	1,069.030	991.162	1,051.900	699.979	28.767	1,037.364	40.919	0.568	0.00055347
IPI:IPI00100154.1	17.925	2.030	0.642	0.01728191	4	109.803	112.061	110.041	145.699	145.219	152.395	110.635	1.241	147.771	4.012	0.418	0.00196664
IPI:IPI00100160.3	1,944.003	10.709	0.134	0.00133687	44	2,054.110	2,080.860	2,014.950	2,025.120	2,020.910	2,031.400	2,049.973	33.149	2,025.810	5.279	-0.017	0.33402992
IPI:IPI00100193.4	93.057	9.442	0.256	0.10408710	5	120.975	118.340	125.151	131.894	133.692	126.368	121.489	3.434	130.651	3.817	0.105	0.03715234
IPI:IPI00100197.3	0.000	0.000	n/a	n/a	14	670.402	721.328	661.990	911.817	822.653	864.324	684.573	32.107	866.265	44.614	0.340	0.00614560
IPI:IPI00100213.2	0.000	0.000	n/a	n/a	1	88.344	98.752	88.756	92.128	73.833	82.697	91.951	5.894	82.886	9.149	-0.150	0.23429065
IPI:IPI00100247.3	171.231	16.238	0.106	0.33122704	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00100292.6	0.000	0.000	n/a	n/a	5	103.937	105.152	99.635	119.011	124.919	121.545	102.908	2.899	121.825	2.964	0.243	0.00139178
IPI:IPI00100453.7	130.482	5.253	0.032	0.49962996	5	139.421	149.099	144.209	148.281	148.535	148.060	144.243	4.839	148.292	0.238	0.040	0.28432683
IPI:IPI00100460.2	198.364	5.735	0.066	0.13426785	10	528.406	552.917	495.577	561.739	528.580	534.583	525.633	28.770	541.634	17.668	0.043	0.46664669
IPI:IPI00100463.1	35.976	4.740	-0.275	0.12348667	2	53.754	55.804	55.987	61.500	59.095	54.796	55.182	1.239	58.464	3.396	0.083	0.23241176
IPI:IPI00100468.4	0.000	0.000	n/a	n/a	7	319.844	299.548	334.084	346.388	400.169	355.975	317.825	17.356	367.511	28.686	0.210	0.07544777
IPI:IPI00100630.6	0.000	0.000	n/a	n/a	2	30.609	26.189	29.250	39.271	40.271	37.187	28.683	2.264	38.910	1.573	0.440	0.00443736
IPI:IPI00100656.3	285.533	12.700	0.076	0.27226427	14	789.671	831.671	811.844	829.471	943.699	849.571	811.062	21.011	874.247	60.981	0.108	0.20825849
IPI:IPI00100673.6	292.890	4.100	0.146	0.00187096	1	127.518	107.529	132.781	114.794	137.057	114.303	122.609	13.322	122.051	12.998	-0.007	0.96170488
IPI:IPI00100731.3	193.506	20.515	0.132	0.30018443	2	89.247	83.116	88.992	102.485	113.406	96.812	87.118	3.468	104.234	8.434	0.259	0.05648261
IPI:IPI00100748.4	7.382	1.214	-0.437	0.06558439	2	11.945	10.096	13.371	14.593	16.861	12.815	11.804	1.642	14.757	2.028	0.322	0.12466100
IPI:IPI00100775.1	70.518	3.881	0.103	0.35325235	5	148.547	142.813	158.161	226.883	236.323	229.991	149.840	7.755	231.066	4.811	0.625	0.00032283
IPI:IPI00100791.3	0.000	0.000	n/a	n/a	1	51.400	55.238	54.881	60.702	55.205	66.224	53.840	2.120	60.710	5.509	0.173	0.15208747
IPI:IPI00100796.4	83.545	5.292	-0.199	0.03988083	15	373.373	352.618	354.136	285.345	293.323	285.371	360.042	11.570	288.013	4.599	-0.322	0.00370597
IPI:IPI00100930.2	0.000	0.000	n/a	n/a	1	58.226	54.631	65.844	26.418	36.510	25.865	59.567	5.725	29.598	5.992	-1.009	0.00334499
IPI:IPI00100933.1	0.000	0.000	n/a	n/a	1	124.165	131.810	114.625	129.084	113.086	125.609	123.533	8.610	122.593	8.415	-0.011	0.90083080
IPI:IPI00100980.9	1,857.500	28.496	-0.276	0.01911401	12	949.882	999.056	987.940	218.732	255.869	240.182	978.959	25.788	238.261	18.643	-2.039	0.00000593
IPI:IPI00100984.4	151.221	4.917	-0.057	0.27555181	3	21.697	21.614	21.660	40.189	30.108	38.978	21.657	0.042	36.425	5.504	0.750	0.04349186
IPI:IPI00101037.3	30.338	2.470	0.310	0.03754675	4	78.135	75.065	79.971	32.969	36.366	36.032	77.724	2.479	35.122	1.872	-1.146	0.00003400
IPI:IPI00101095.3	100.492	6.883	0.316	0.01985708	1	43.308	45.187	46.778	56.038	58.725	53.085	45.091	1.737	55.949	2.821	0.311	0.00814406
IPI:IPI00101163.5	0.000	0.000	n/a	n/a	2	60.693	49.333	58.108	50.680	60.804	54.374	56.045	5.954	55.286	5.123	-0.020	0.87546598
IPI:IPI00101186.6	254.399	10.877	0.113	0.07237462	13	600.523	623.630	634.685	646.156	690.146	656.232	619.613	17.432	664.178	23.046	0.100	0.06010961
IPI:IPI00101299.3	82.921	4.237	0.274	0.03108865	1	52.973	41.716	54.006	54.281	69.144	61.014	49.565	6.817	61.480	7.442	0.311	0.11123568
IPI:IPI00101335.2	253.242	20.933	0.488	0.01036078	1	57.823	55.867	57.921	104.761	124.016	106.675	57.204	1.158	111.817	10.608	0.967	0.01160211
IPI:IPI00101374.6	500.937	11.528	0.144	0.00689206	5	198.482	222.681	194.940	290.380	258.083	269.355	205.368	15.098	272.606	16.392	0.409	0.00652542
IPI:IPI00101524.3	151.938	4.789	-0.063	0.11854771	2	101.615	102.947	104.108	150.543	155.119	140.991	102.890	1.247	148.884	7.209	0.533	0.00677306
IPI:IPI00101532.5	0.000	0.000	n/a	n/a	8	257.859	274.409	267.019	452.336	450.819	455.215	266.429	8.291	452.790	2.233	0.765	0.00030540
IPI:IPI00101600.5	203.375	9.978	-0.055	0.42659423	5	100.439	103.481	99.120	129.003	125.850	130.702	101.013	2.237	128.518	2.462	0.347	0.00014634
IPI:IPI00101608.4	31.186	3.341	0.184	0.18462622	4	166.323	187.693	168.271	184.445	146.550	180.306	174.096	11.816	170.434	20.787	-0.031	0.81104227
IPI:IPI00101645.3	0.000	0.000	n/a	n/a	2	73.930	74.523	86.053	103.757	101.816	105.556	78.169	6.835	103.710	1.870	0.408	0.01742188
IPI:IPI00101652.4	0.000	0.000	n/a	n/a	5	146.651	139.618	138.650	174.538	173.151	177.321	141.640	4.367	175.003	2.124	0.305	0.00151162
IPI:IPI00101659.6	0.000	0.000	n/a	n/a	5	398.814	364.968	387.865	323.169	334.720	328.519	383.882	17.271	328.803	5.781	-0.223	0.02222405
IPI:IPI00101664.2	0.000	0.000	n/a	n/a	1	57.324	54.003	57.895	18.203	21.013	19.220	56.407	2.102	19.478	1.423	-1.534	0.00004254

IPI:IPI00101734.5	FAM105B	Protein FAM105B	1	33.562	35.008	37.245	39.937	44.175	43.875	35.272	1.855
IPI:IPI00101782.3	GMPPA	Isoform 1 of Mannose-1-phosphate guanyltransferase alpha	2	203.888	166.980	194.519	171.854	206.345	179.256	188.462	19.185
IPI:IPI00101923.7	SPG11	Isoform 1 of Spatacsin	1	95.933	75.674	94.155	116.694	134.817	112.424	88.587	11.219
IPI:IPI00101942.1	CLMN	Calmin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00101952.5	SLC35E1	Isoform 1 of Solute carrier family 35 member E1	1	37.888	46.420	45.188	56.798	50.562	57.535	43.165	4.611
IPI:IPI00101968.3	DBNL	Isoform 3 of Drebrin-like protein	6	315.503	260.915	312.448	234.655	293.195	263.329	296.289	30.673
IPI:IPI00101987.6	C19orf62	Isoform 1 of BRCA1-A complex subunit MERIT40	2	61.764	70.103	60.417	70.970	52.430	68.443	64.095	5.247
IPI:IPI00102069.5	EIF3M	Eukaryotic translation initiation factor 3 subunit M	10	474.319	456.341	473.809	469.977	464.675	468.716	468.156	10.236
IPI:IPI00102096.3	SMAP1	Isoform 1 of Stromal membrane-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00102291.2	FAM126A	Isoform 1 of Hyccin	1	6.004	3.457	5.710	4.374	4.893	4.259	5.057	1.393
IPI:IPI00102313.3	SRA1	Steroid receptor RNA activator 1, isoform CRA_a	3	87.257	77.690	98.485	62.977	71.408	66.776	87.811	10.408
IPI:IPI00102329.4	SLC30A6	Isoform 1 of Zinc transporter 6	1	68.756	74.697	67.199	82.944	71.601	75.204	70.217	3.957
IPI:IPI00102377.3	ANKRD27	Ankyrin repeat domain-containing protein 27	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00102495.5	MED6	cDNA FLJ52756, highly similar to RNA polymerase transcriptional regulation mediator, subunit 6 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00102530.4	FLJ10404	Isoform 1 of Uncharacterized protein KIAA1931	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00102670.5	FNBP1	Isoform 2 of Formin-binding protein 1	11	644.603	643.843	695.844	601.745	663.326	627.630	661.430	29.806
IPI:IPI00102752.2	RBM15	Isoform 1 of Putative RNA-binding protein 15	4	79.007	89.993	81.174	104.838	90.565	92.108	83.391	5.819
IPI:IPI00102815.1	NOC3L	Nucleolar complex protein 3 homolog	8	692.110	765.101	711.943	805.103	734.467	804.137	723.051	37.742
IPI:IPI00102856.3	SMAP2	Isoform 1 of Stromal membrane-associated protein 2	4	285.460	246.914	296.096	208.935	259.014	221.714	276.157	25.877
IPI:IPI00102864.3	HK2	Hexokinase-2	8	553.589	534.910	546.821	576.900	608.628	598.968	545.107	9.457
IPI:IPI00102896.1	RAB2B	Ras-related protein Rab-2B	3	119.675	133.183	124.611	160.995	149.887	163.333	125.823	6.835
IPI:IPI00102897.4	RABL3	Rab-like protein 3	2	266.629	284.488	248.164	308.403	283.794	305.146	266.427	18.163
IPI:IPI00102909.2	FAM172A	Isoform 1 of UPF0528 protein FAM172A	1	102.882	114.662	106.267	109.851	113.504	114.665	107.937	6.065
IPI:IPI00102918.1	ATRIP	Isoform 2 of ATR-interacting protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00102936.3	SRP68	Isoform 2 of Signal recognition particle 68 kDa protein	14	861.139	842.040	865.330	778.820	792.550	808.475	856.170	12.415
IPI:IPI00102962.2	CNPY4	Protein canopy homolog 4	2	117.778	115.480	112.118	114.390	122.011	117.071	115.125	2.847
IPI:IPI00102976.4	TPRG1L	Isoform 2 of Tumor protein p63-regulated gene 1-like protein	1	15.379	23.421	15.203	87.653	56.879	83.018	18.001	4.695
IPI:IPI00102997.1	WRNIP1	Isoform 2 of ATPase WRNIP1	2	100.135	102.946	101.787	112.072	108.676	117.007	101.623	1.413
IPI:IPI00103013.2	SNX33	Sorting nexin-33	2	163.945	184.045	174.573	220.857	225.599	221.891	174.188	10.056
IPI:IPI00103026.1	PRMT3	PRMT3 protein (Fragment)	2	107.833	86.010	93.857	108.195	130.373	112.255	95.900	11.054
IPI:IPI00103057.2	FAM36A	Isoform 2 of Protein FAM36A	1	87.032	117.303	78.171	114.031	66.566	100.013	94.169	20.519
IPI:IPI00103064.4	EXOC7	Isoform 3 of Exocyst complex component 7	9	622.281	664.773	629.503	808.206	785.640	827.391	638.852	22.737
IPI:IPI00103065.4	MITD1	MIT domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103087.2	GEMIN6	Gem-associated protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103090.2	LEO1	Isoform 1 of RNA polymerase-associated protein LEO1	2	95.814	94.913	104.530	88.834	89.472	92.648	98.419	5.312
IPI:IPI00103142.1	NUDCD2	NudC domain-containing protein 2	3	146.386	142.059	135.545	137.710	140.671	134.036	141.330	5.457
IPI:IPI00103175.1	CANT1	Isoform 1 of Soluble calcium-activated nucleotidase 1	1	72.167	77.784	69.669	81.251	61.157	75.263	73.206	4.156
IPI:IPI00103247.1	HNRPLL	Isoform 1 of Heterogeneous nuclear ribonucleoprotein L-like	7	393.653	446.197	376.700	425.585	370.995	422.039	405.517	36.236
IPI:IPI00103252.4	RWDD4A	RWD domain-containing protein 4A	1	41.139	38.479	42.578	13.542	20.822	15.079	40.732	2.080
IPI:IPI00103263.3	WAPAL	Wings apart-like homolog	1	19.757	21.047	19.987	17.072	14.840	17.803	20.264	0.688
IPI:IPI00103341.3	TRUB1	Probable tRNA pseudouridine synthase 1	2	44.058	38.018	41.503	34.362	39.161	41.613	41.193	3.032
IPI:IPI00103373.1	CYGB	Cytoglobin	1	34.589	28.771	31.085	25.556	32.952	30.497	31.482	2.930
IPI:IPI00103415.1	STAT5B	Signal transducer and activator of transcription 5B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103419.4	SF4	Isoform 1 of Splicing factor 4	2	57.686	60.697	56.609	47.391	50.959	48.427	58.331	2.119
IPI:IPI00103467.4	ALDH1B1	Aldehyde dehydrogenase X, mitochondrial	18	1,629.430	1,536.120	1,568.430	1,541.030	1,579.700	1,572.410	1,577.993	47.384
IPI:IPI00103471.3	SELM	Selenoprotein M	3	145.716	141.621	147.757	124.053	120.615	111.644	145.031	3.125
IPI:IPI00103483.1	COBRA1	Negative elongation factor B	3	156.761	158.347	156.913	144.527	144.338	155.199	157.340	0.875
IPI:IPI00103484.3	EDARADD	Isoform A of Ectodysplasin-A receptor-associated adapter protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103497.1	SFRS12	Isoform 1 of Splicing factor, arginine/serine-rich 12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103516.1	CASKIN2	Caskin-2	1	41.134	43.587	39.347	39.337	35.872	41.222	41.356	2.129
IPI:IPI00103525.1	PSPC1	Isoform 1 of Paraspeckle component 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103536.4	MADD	Isoform 1 of MAP kinase-activating death domain protein	2	129.925	117.455	115.264	142.346	135.261	142.514	120.881	7.908

IPI:IPI00101734.5	42.662	2.365	0.274	0.01477586	1	17.339	17.834	15.158	19.485	22.811	26.014	16.777	1.424	22.770	3.264	0.441	0.06953853
IPI:IPI00101782.3	185.818	18.158	-0.020	0.87083460	3	57.316	51.752	65.135	46.109	50.808	52.489	58.067	6.723	49.802	3.307	-0.222	0.15486912
IPI:IPI00101923.7	121.312	11.889	0.454	0.02578344	1	11.740	13.065	11.187	10.828	15.360	12.409	11.997	0.965	12.866	2.300	0.101	0.59571706
IPI:IPI00101942.1	0.000	0.000	n/a	n/a	6	265.984	257.463	260.534	241.517	263.442	249.553	261.327	4.315	251.504	11.092	-0.055	0.26193572
IPI:IPI00101952.5	54.965	3.831	0.349	0.02851961	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00101968.3	263.726	29.272	-0.168	0.25437423	13	640.401	609.807	660.553	592.820	667.311	600.142	636.920	25.551	620.091	41.057	-0.039	0.58855261
IPI:IPI00101987.6	63.948	10.054	-0.003	0.98422140	2	110.048	114.471	109.529	83.476	76.462	82.320	111.349	2.716	80.753	3.760	-0.464	0.00055648
IPI:IPI00102069.5	467.789	2.770	-0.001	0.95705460	4	166.875	154.052	165.539	33.153	35.078	35.112	162.155	7.049	34.448	1.122	-2.235	0.00079021
IPI:IPI00102096.3	0.000	0.000	n/a	n/a	3	109.667	132.537	111.144	159.997	136.034	155.902	117.783	12.799	150.644	12.818	0.355	0.03481683
IPI:IPI00102291.2	4.509	0.338	-0.166	0.57171923	1	22.986	27.433	23.289	21.359	22.599	21.839	24.569	2.485	21.932	0.625	-0.164	0.20228325
IPI:IPI00102313.3	67.054	4.223	-0.389	0.05914805	1	125.332	121.548	130.183	113.773	117.018	115.120	125.688	4.328	115.304	1.630	-0.124	0.04005236
IPI:IPI00102329.4	76.583	5.796	0.125	0.20120173	2	73.119	79.755	75.785	66.806	75.059	67.683	76.220	3.339	69.849	4.533	-0.126	0.12794802
IPI:IPI00102377.3	0.000	0.000	n/a	n/a	3	122.698	133.144	126.872	200.643	186.004	199.584	127.571	5.258	195.410	8.163	0.615	0.00063488
IPI:IPI00102495.5	0.000	0.000	n/a	n/a	2	133.656	137.197	126.952	191.148	174.913	190.876	132.602	5.203	185.646	9.296	0.485	0.00274370
IPI:IPI00102530.4	0.000	0.000	n/a	n/a	1	46.713	43.549	44.799	48.667	46.951	47.705	45.020	1.593	47.774	0.860	0.086	0.07635764
IPI:IPI00102670.5	630.900	30.920	-0.068	0.28621099	10	307.277	326.681	293.536	404.144	365.760	402.653	309.165	16.653	390.852	21.743	0.338	0.00796423
IPI:IPI00102752.2	95.837	7.833	0.201	0.09754145	8	130.385	140.097	136.447	162.190	153.762	162.227	135.643	4.906	159.393	4.877	0.233	0.00402290
IPI:IPI00102815.1	781.236	40.506	0.112	0.14338887	9	419.231	492.379	425.065	529.562	411.268	499.084	445.558	40.653	479.971	61.419	0.107	0.47071531
IPI:IPI00102856.3	229.888	26.021	-0.265	0.09444957	3	60.069	78.509	58.921	79.939	52.063	76.788	65.833	10.993	69.597	15.266	0.080	0.75133891
IPI:IPI00102864.3	594.832	16.263	0.126	0.01686816	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00102896.1	158.072	7.184	0.329	0.00493265	2	136.054	108.858	129.833	87.536	96.480	89.770	124.915	14.249	91.262	4.655	-0.453	0.04391820
IPI:IPI00102897.4	299.114	13.367	0.167	0.07152970	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00102909.2	112.673	2.512	0.062	0.31040676	2	86.398	90.954	69.321	54.738	42.127	45.775	82.224	11.404	47.547	6.489	-0.790	0.01733988
IPI:IPI00102918.1	0.000	0.000	n/a	n/a	2	110.587	111.719	98.460	110.696	86.022	104.376	106.922	7.350	100.365	12.817	-0.091	0.49877766
IPI:IPI00102936.3	793.282	14.841	-0.110	0.00536710	22	936.279	882.077	924.237	1,060.480	1,123.710	1,088.480	914.198	28.461	1,090.890	31.684	0.255	0.00209218
IPI:IPI00102962.2	117.824	3.866	0.033	0.39022518	1	6.429	6.535	5.024	0.000	0.000	3.586	5.996	0.843	1.195	2.071	-2.326	0.04180041
IPI:IPI00102976.4	75.850	16.592	2.075	0.01993958	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00102997.1	112.585	4.189	0.148	0.03465808	3	88.900	87.058	95.737	89.483	100.741	92.253	90.565	4.573	94.159	5.866	0.056	0.45248566
IPI:IPI00103013.2	222.782	2.493	0.355	0.01046087	1	61.600	61.792	60.072	58.873	62.442	59.658	61.155	0.943	60.324	1.875	-0.020	0.54318844
IPI:IPI00103026.1	116.941	11.808	0.286	0.08783006	7	413.970	398.913	421.423	591.329	587.784	575.670	411.435	11.467	584.928	8.211	0.508	0.00006189
IPI:IPI00103057.2	93.537	24.386	-0.010	0.97447606	3	74.130	66.793	69.220	84.607	90.061	85.616	70.048	3.738	86.761	2.901	0.309	0.00438762
IPI:IPI00103064.4	807.079	20.898	0.337	0.00072889	12	486.900	480.893	489.042	528.737	534.608	526.460	485.612	4.225	529.935	4.204	0.126	0.00020975
IPI:IPI00103065.4	0.000	0.000	n/a	n/a	1	29.016	26.917	34.005	53.445	51.835	51.477	29.979	3.641	52.253	1.048	0.802	0.00555754
IPI:IPI00103087.2	0.000	0.000	n/a	n/a	1	50.817	51.217	49.668	75.252	72.928	84.836	50.567	0.804	77.672	6.312	0.619	0.01637193
IPI:IPI00103090.2	90.318	2.043	-0.124	0.10434095	12	340.616	323.629	333.040	418.204	394.434	403.780	332.428	8.510	405.473	11.975	0.287	0.00156504
IPI:IPI00103142.1	137.472	3.324	-0.040	0.36625115	8	331.469	354.275	319.178	445.094	374.342	417.547	334.974	17.809	412.328	35.664	0.300	0.04523583
IPI:IPI00103175.1	72.557	10.317	-0.013	0.92673507	6	269.596	285.335	297.013	292.611	331.386	308.889	283.981	13.759	310.962	19.470	0.131	0.12962069
IPI:IPI00103247.1	406.206	30.545	0.002	0.98165646	13	267.497	270.690	291.312	250.515	277.371	244.705	276.500	12.927	257.530	17.426	-0.103	0.21060246
IPI:IPI00103252.4	16.481	3.837	-1.305	0.00213501	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00103263.3	16.572	1.544	-0.290	0.03733757	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00103341.3	38.378	3.688	-0.102	0.36718847	4	99.871	105.760	120.292	146.696	146.668	139.671	108.641	10.511	144.345	4.048	0.410	0.01744899
IPI:IPI00103373.1	29.669	3.767	-0.086	0.54903486	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00103415.1	0.000	0.000	n/a	n/a	6	318.448	303.617	344.376	327.797	348.107	323.030	322.147	20.630	332.978	13.317	0.048	0.49418649
IPI:IPI00103419.4	48.926	1.835	-0.254	0.00464575	11	319.132	291.351	322.232	319.725	366.062	331.501	310.905	17.005	339.096	24.084	0.125	0.18147972
IPI:IPI00103467.4	1,564.380	20.548	-0.013	0.68205201	15	763.141	870.811	756.714	639.516	565.917	633.732	796.889	64.099	613.055	40.925	-0.378	0.01940171
IPI:IPI00103471.3	118.771	6.407	-0.288	0.00862371	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00103483.1	148.021	6.217	-0.088	0.11934811	4	243.366	244.847	238.254	269.139	264.443	268.083	242.156	3.459	267.222	2.464	0.142	0.00085331
IPI:IPI00103484.3	0.000	0.000	n/a	n/a	1	48.540	84.032	170.864	3.036	11.509	2.448	101.145	62.932	5.664	5.070	-4.158	0.11869385
IPI:IPI00103497.1	0.000	0.000	n/a	n/a	7	301.462	296.092	313.337	298.546	301.272	304.466	303.630	8.825	301.428	2.963	-0.011	0.71658978
IPI:IPI00103516.1	38.810	2.714	-0.092	0.27412678	1	11.960	9.555	10.897	15.791	11.404	12.122	10.804	1.205	13.106	2.353	0.279	0.23048569
IPI:IPI00103525.1	0.000	0.000	n/a	n/a	13	400.752	382.779	405.024	376.340	399.099	377.441	396.185	11.805	384.293	12.834	-0.044	0.30343282
IPI:IPI00103536.4	140.040	4.140	0.212	0.03354650	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00103554.1	GATAD2B	Transcriptional repressor p66-beta	1	23.843	48.262	31.621	39.313	14.403	38.000	34.575	12.475
IPI:IPI00103595.2	CEP350	Centrosome-associated protein 350	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103741.3	SSH1	Isoform 3 of Protein phosphatase Slingshot homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103853.7	C18orf22	Isoform 1 of Putative ribosome-binding factor A, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103867.1	RFFL	Isoform 1 of E3 ubiquitin-protein ligase rififylin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103874.7	ZFYVE1	Isoform 1 of Zinc finger FYVE domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103884.3	OVCA2	Ovarian cancer-associated gene 2 protein	1	42.073	38.274	40.754	35.662	41.536	32.649	40.367	1.929
IPI:IPI00103925.2	IRGQ	Immunity-related GTPase family Q protein	2	52.890	49.118	46.192	54.719	54.497	57.705	49.400	3.358
IPI:IPI00103951.3	USP28	Isoform 2 of Ubiquitin carboxyl-terminal hydrolase 28	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103980.2	CTTNBP2NL	CTTNBP2 N-terminal like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00103994.4	LARS	Leucyl-tRNA synthetase, cytoplasmic	34	1,839.990	1,898.360	1,771.370	2,015.800	2,031.910	2,044.630	1,836.573	63.564
IPI:IPI00104050.3	THRAP3	Thyroid hormone receptor-associated protein 3	19	1,344.860	1,399.250	1,354.190	1,198.010	1,152.280	1,219.250	1,366.100	29.085
IPI:IPI00104128.3	SEC11A	Signal peptidase complex catalytic subunit SEC11A	2	177.135	182.669	198.661	181.931	207.566	189.378	186.155	11.178
IPI:IPI00105532.3	LLGL1	lethal giant larvae homolog 1	1	144.122	136.625	141.500	117.153	113.647	117.907	140.749	3.805
IPI:IPI00105598.3	PSMD11	Proteasome 26S non-ATPase subunit 11 variant (Fragment)	21	961.087	929.549	975.648	1,056.860	1,141.210	1,064.120	955.428	23.565
IPI:IPI00106491.3	MRTO4	mRNA turnover protein 4 homolog	3	202.337	199.190	201.455	195.394	186.114	189.151	200.994	1.623
IPI:IPI00106495.1	NCAPG	Condensin complex subunit 3	2	76.837	74.457	77.953	95.466	98.476	85.121	76.416	1.786
IPI:IPI00106502.5	KEAP1	Kelch-like ECH-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00106559.3	TAX1BP1	Isoform 2 of Tax1-binding protein 1	17	342.885	309.900	322.257	1,812.000	1,835.150	1,852.560	325.014	16.664
IPI:IPI00106567.2	WDR33	WD repeat-containing protein 33	1	62.181	59.554	62.193	56.118	60.162	62.064	61.310	1.520
IPI:IPI00106638.4	C6orf153	Isoform 1 of UPF0399 protein C6orf153	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00106642.4	SDF2L1	Dihydropyrimidinase-like 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00106646.1	SDF4	Isoform 1 of 45 kDa calcium-binding protein	12	768.492	717.976	737.563	598.869	603.299	624.031	741.344	25.469
IPI:IPI00106687.4	LXN	Latexin	1	9.195	9.642	9.143	10.382	11.068	10.194	9.327	0.274
IPI:IPI00106698.1	PELO	Protein pelota homolog	4	361.901	401.795	348.253	384.611	327.404	357.425	370.650	27.822
IPI:IPI00106913.4	DHRS4	peroxisomal short-chain alcohol dehydrogenase	3	218.435	250.331	212.450	279.784	233.665	261.607	227.072	20.364
IPI:IPI00106955.3	C11orf84	Uncharacterized protein C11orf84	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00106966.4	TMEM70	Isoform 1 of Transmembrane protein 70, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00106988.1	SMARCD3	Isoform 2 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00107039.3	ABHD6	Monoacylglycerol lipase ABHD6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00107104.1	CXorf26	UPF0368 protein Cxorf26	6	467.574	520.132	459.556	532.030	478.428	541.076	482.421	32.904
IPI:IPI00107113.3	UTP14A	Isoform 1 of U3 small nucleolar RNA-associated protein 14 homolog A	9	380.404	361.347	374.324	305.560	323.073	327.967	372.025	9.734
IPI:IPI00107122.1	NUPL1	Isoform 1 of Nucleoporin p58/p45	2	143.594	132.856	137.126	123.987	155.632	134.035	137.859	5.406
IPI:IPI00107357.7	CLPTM1	Isoform 2 of Cleft lip and palate transmembrane protein 1	5	153.553	167.179	149.781	162.878	164.572	171.246	156.838	9.152
IPI:IPI00107486.2	WHSC1	Isoform 3 of Probable histone-lysine N-methyltransferase NSD2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00107492.1	RAD17	Isoform 4 of Cell cycle checkpoint protein RAD17	3	59.197	58.745	58.914	64.062	78.303	60.940	58.952	0.228
IPI:IPI00107531.1	RAD50	Isoform 3 of DNA repair protein RAD50	20	957.342	968.369	939.487	952.437	903.613	971.749	955.066	14.575
IPI:IPI00107693.4	MED15	Isoform 1 of Mediator of RNA polymerase II transcription subunit 15	2	140.034	146.570	150.019	114.260	123.195	126.412	145.541	5.071
IPI:IPI00107728.4	C16orf62	cDNA FLJ37759 fis, clone BRHIP2023888	3	124.256	132.421	130.944	117.136	102.461	119.229	129.207	4.351
IPI:IPI00107745.3	CROP	Isoform 1 of Cisplatin resistance-associated overexpressed protein	4	176.024	147.042	173.039	139.272	178.370	151.613	165.368	15.941
IPI:IPI00107831.4	PTPRF	Isoform 1 of Receptor-type tyrosine-protein phosphatase F	1	11.686	15.907	13.462	19.679	17.740	18.219	13.685	2.119
IPI:IPI00140201.4	COG8	cDNA FLJ55996, highly similar to Conserved oligomeric Golgi complex component 8	1	43.528	41.773	42.633	45.903	49.100	48.413	42.645	0.877
IPI:IPI00140301.5	AGPAT9	Glycerol-3-phosphate acyltransferase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00140420.4	SND1	Staphylococcal nuclease domain-containing protein 1	27	1,545.000	1,670.340	1,568.390	1,456.100	1,382.690	1,487.640	1,594.577	66.647
IPI:IPI00140827.3	LOC728825	SMT3 suppressor of mif two 3 homolog 2 isoform b precursor	6	816.153	887.391	833.239	691.043	657.458	707.212	845.594	37.191
IPI:IPI00141318.2	CKAP4	Isoform 1 of Cytoskeleton-associated protein 4	48	2,669.120	2,668.930	2,916.220	2,457.100	2,371.710	2,311.830	2,751.423	142.718
IPI:IPI00141561.3	COG1	Conserved oligomeric Golgi complex subunit 1	2	38.651	36.781	45.438	35.763	42.575	39.631	40.290	4.555
IPI:IPI00142538.4	SETX	Isoform 1 of Probable helicase senataxin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00143753.6	SR140	Isoform 1 of U2-associated protein SR140	6	187.062	190.060	186.485	184.654	187.827	179.808	187.869	1.919
IPI:IPI00143921.9	KDELC2	Isoform 1 of KDEL motif-containing protein 2	11	567.302	552.426	577.741	527.424	570.429	541.586	565.823	12.722
IPI:IPI00144293.4	YTHDC1	Isoform 1 of YTH domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00103554.1	30.572	14.018	-0.178	0.73114995	5	252.744	265.604	239.672	184.523	168.115	185.480	252.673	12.966	179.373	9.761	-0.494	0.00194411
IPI:IPI00103595.2	0.000	0.000	n/a	n/a	3	88.409	89.452	97.902	85.429	93.372	84.258	91.921	5.206	87.686	4.959	-0.068	0.36683839
IPI:IPI00103741.3	0.000	0.000	n/a	n/a	3	51.951	62.126	51.943	58.698	51.828	64.045	55.340	5.877	58.190	6.125	0.072	0.59305689
IPI:IPI00103853.7	0.000	0.000	n/a	n/a	1	39.437	37.362	38.018	37.731	34.943	36.520	38.272	1.061	36.398	1.398	-0.072	0.14335575
IPI:IPI00103867.1	0.000	0.000	n/a	n/a	1	35.689	40.459	37.938	51.624	45.274	47.925	38.029	2.386	48.274	3.189	0.344	0.01334681
IPI:IPI00103874.7	0.000	0.000	n/a	n/a	3	57.352	60.705	55.994	75.697	67.385	72.071	58.017	2.425	71.718	4.167	0.306	0.01365722
IPI:IPI00103884.3	36.616	4.520	-0.141	0.28685841	2	33.451	31.341	35.298	25.598	36.285	28.591	33.363	1.980	30.158	5.513	-0.146	0.42671450
IPI:IPI00103925.2	55.640	1.792	0.172	0.06431857	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00103951.3	0.000	0.000	n/a	n/a	6	175.387	184.573	188.146	205.262	209.484	224.380	182.702	6.582	213.042	10.043	0.222	0.01646890
IPI:IPI00103980.2	0.000	0.000	n/a	n/a	1	57.080	61.414	63.331	65.198	67.506	62.086	60.608	3.202	64.930	2.719	0.099	0.15193741
IPI:IPI00103994.4	2,030.780	14.448	0.145	0.02885744	48	2,289.300	2,431.130	2,351.470	2,776.700	2,716.810	2,741.810	2,357.300	71.095	2,745.107	30.081	0.220	0.00479113
IPI:IPI00104050.3	1,189.847	34.223	-0.199	0.00268433	38	2,908.860	2,888.600	2,761.470	2,931.440	2,743.720	2,896.020	2,852.977	79.892	2,857.060	99.740	0.002	0.95916707
IPI:IPI00104128.3	192.958	13.187	0.052	0.53476539	4	259.796	333.032	261.297	366.227	269.668	354.435	284.708	41.856	330.110	52.675	0.213	0.31072223
IPI:IPI00105532.3	116.236	2.273	-0.276	0.00169353	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00105598.3	1,087.397	46.745	0.187	0.02302247	25	1,443.730	1,501.660	1,471.960	1,379.120	1,336.990	1,414.170	1,472.450	28.968	1,376.760	38.644	-0.097	0.02986469
IPI:IPI00106491.3	190.220	4.731	-0.079	0.04668547	4	146.586	150.007	149.825	162.153	151.754	162.129	148.806	1.925	158.679	5.997	0.093	0.09268461
IPI:IPI00106495.1	93.021	7.005	0.284	0.04722968	10	391.504	378.550	389.557	483.240	501.333	471.370	386.537	6.985	485.314	15.089	0.328	0.00255249
IPI:IPI00106502.5	0.000	0.000	n/a	n/a	1	37.411	34.718	37.742	64.128	72.612	56.310	36.624	1.659	64.350	8.154	0.813	0.02388830
IPI:IPI00106559.3	1,833.237	20.348	2.496	0.00000023	8	226.172	233.735	219.880	345.880	346.471	337.246	226.596	6.937	343.199	5.164	0.599	0.00003788
IPI:IPI00106567.2	59.448	3.037	-0.044	0.41360868	11	377.005	342.166	370.161	471.565	473.151	467.594	363.111	18.459	470.770	2.863	0.375	0.00843822
IPI:IPI00106638.4	0.000	0.000	n/a	n/a	3	95.864	85.812	97.787	107.709	115.419	110.616	93.155	6.431	111.248	3.894	0.256	0.02094377
IPI:IPI00106642.4	0.000	0.000	n/a	n/a	2	111.397	90.842	112.092	154.623	188.442	151.562	104.777	12.073	164.876	20.466	0.654	0.01877639
IPI:IPI00106646.1	608.733	13.432	-0.284	0.00399209	14	623.646	598.637	625.768	747.163	733.580	748.012	616.017	15.089	742.918	8.098	0.270	0.00091917
IPI:IPI00106687.4	10.548	0.460	0.178	0.02485568	14	977.811	946.984	970.306	1,252.470	1,303.570	1,241.700	965.034	16.076	1,265.913	33.053	0.392	0.00091747
IPI:IPI00106698.1	356.480	28.615	-0.056	0.57193557	6	315.648	363.680	329.578	392.539	352.747	394.227	336.302	24.712	379.838	23.476	0.176	0.09161893
IPI:IPI00106913.4	258.352	23.231	0.186	0.15565353	3	218.116	260.127	217.767	201.290	172.252	193.076	232.003	24.356	188.873	14.968	-0.297	0.07170528
IPI:IPI00106955.3	0.000	0.000	n/a	n/a	1	35.872	29.940	39.276	31.993	41.207	32.338	35.029	4.725	35.179	5.223	0.006	0.97441365
IPI:IPI00106966.4	0.000	0.000	n/a	n/a	1	35.819	31.676	33.164	39.292	39.311	35.846	33.553	2.099	38.150	1.995	0.185	0.05175704
IPI:IPI00106988.1	0.000	0.000	n/a	n/a	1	8.467	9.186	7.415	15.616	9.722	9.999	8.356	0.890	11.779	3.326	0.495	0.21209863
IPI:IPI00107039.3	0.000	0.000	n/a	n/a	1	2.877	4.640	4.512	8.629	6.971	5.606	4.009	0.983	7.069	1.514	0.818	0.05151739
IPI:IPI00107104.1	517.178	33.862	0.100	0.27146336	8	570.511	630.074	552.001	601.213	506.648	584.928	584.195	40.796	564.263	50.556	-0.050	0.62650479
IPI:IPI00107113.3	318.867	11.781	-0.222	0.00428648	38	2,470.620	2,353.890	2,422.040	2,552.440	2,601.030	2,576.440	2,415.517	58.638	2,576.637	24.296	0.093	0.02777508
IPI:IPI00107122.1	137.885	16.170	0.000	0.99821520	3	138.879	157.761	147.019	62.883	64.387	65.569	147.886	9.471	64.280	1.346	-1.202	0.00367405
IPI:IPI00107357.7	166.232	4.424	0.084	0.21229204	3	57.074	56.689	47.306	86.858	74.515	83.923	53.690	5.532	81.765	6.448	0.607	0.00494711
IPI:IPI00107486.2	0.000	0.000	n/a	n/a	1	80.704	88.551	86.577	134.690	135.687	136.228	85.277	4.082	135.535	0.780	0.668	0.00161165
IPI:IPI00107492.1	67.768	9.256	0.201	0.24077133	5	79.016	76.791	86.314	57.133	60.113	56.114	80.707	4.982	57.786	2.078	-0.482	0.00758353
IPI:IPI00107531.1	942.600	35.117	-0.019	0.61441370	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00107693.4	121.289	6.296	-0.263	0.00738352	1	88.574	87.586	85.023	84.088	75.828	81.132	87.061	1.833	80.349	4.185	-0.116	0.09262830
IPI:IPI00107728.4	112.942	9.137	-0.194	0.07262415	8	165.706	174.083	169.528	223.526	206.354	210.461	169.772	4.194	213.447	8.967	0.330	0.00565664
IPI:IPI00107745.3	156.418	19.987	-0.080	0.57899789	9	193.445	188.898	189.777	282.543	269.478	285.494	190.707	2.412	279.172	8.524	0.550	0.00168362
IPI:IPI00107831.4	18.546	1.010	0.438	0.04006431	3	125.271	118.929	119.469	143.467	181.184	160.328	121.223	3.516	161.660	18.894	0.415	0.06141795
IPI:IPI00140201.4	47.805	1.683	0.165	0.01796660	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00140301.5	0.000	0.000	n/a	n/a	2	59.978	58.208	53.938	94.460	84.909	87.884	57.375	3.105	89.084	4.887	0.635	0.00148175
IPI:IPI00140420.4	1,442.143	53.849	-0.145	0.03918529	45	1,730.350	1,677.460	1,722.020	1,650.990	1,746.490	1,674.430	1,709.943	28.438	1,690.637	49.770	-0.016	0.59868353
IPI:IPI00140827.3	685.238	25.380	-0.303	0.00526635	12	925.606	954.571	907.654	612.299	658.801	646.845	929.277	23.673	639.315	24.148	-0.540	0.00012206
IPI:IPI00141318.2	2,380.213	73.007	-0.209	0.02818119	49	1,849.980	1,907.000	1,845.020	1,583.740	1,570.320	1,612.140	1,867.333	34.442	1,588.733	21.352	-0.233	0.00075556
IPI:IPI00141561.3	39.323	3.416	-0.035	0.78533695	4	56.052	56.081	62.115	75.321	78.157	72.702	58.082	3.492	75.393	2.728	0.376	0.00305212
IPI:IPI00142538.4	0.000	0.000	n/a	n/a	1	29.291	29.524	28.734	29.144	37.266	29.308	29.183	0.406	31.906	4.643	0.129	0.41754003
IPI:IPI00143753.6	184.096	4.038	-0.029	0.24495632	18	670.178	643.266	643.427	881.591	840.572	852.807	652.290	15.491	858.323	21.059	0.396	0.00027877
IPI:IPI00143921.9	546.480	21.916	-0.050	0.27261266	8	298.614	284.343	303.058	277.620	295.392	279.605	295.338	9.778	284.206	9.738	-0.055	0.23495863
IPI:IPI00144293.4	0.000	0.000	n/a	n/a	2	23.152	26.868	23.326	16.887	19.095	20.917	24.449	2.097	18.966	2.018	-0.366	0.03110930

IPI:IPI00145593.7	NOM1	Nucleolar MIF4G domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00145612.6	ALG1L	Putative glycosyltransferase ALG1-like	3	213.880	187.326	206.104	229.465	259.943	237.741	202.437	13.652
IPI:IPI00146077.4	KIAA1128	Isoform 1 of Protein GCAP14 homolog	1	80.543	80.914	74.109	87.440	92.803	99.853	78.522	3.826
IPI:IPI00146447.3	VMA21	Vacuolar ATPase assembly integral membrane protein VMA21	1	49.601	60.529	60.869	48.864	54.938	51.537	57.000	6.410
IPI:IPI00146935.4	DNM1L	Isoform 1 of Dynamin-1-like protein	14	1,210.120	1,230.020	1,207.310	1,073.550	1,069.000	1,090.580	1,215.817	12.380
IPI:IPI00147874.1	NANS	Sialic acid synthase	16	649.327	615.310	652.357	651.342	669.815	650.100	638.998	20.570
IPI:IPI00148063.1	HEBP1	Heme-binding protein 1	9	274.658	281.911	281.480	304.640	301.173	313.296	279.350	4.069
IPI:IPI00148768.4	TRIOBP	TRIO and F-actin binding protein isoform 1	12	549.373	531.490	525.660	490.672	498.419	506.244	535.508	12.356
IPI:IPI00148820.2	DTX3	Isoform 2 of Protein deltex-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00149044.8	ZNF280D	Isoform 1 of Zinc finger protein 280D	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00149094.4	MAP4K2	Mitogen-activated protein kinase kinase kinase kinase 2	1	5.437	6.700	4.528	6.606	5.174	5.522	5.555	1.090
IPI:IPI00149650.3	PPWD1	Peptidylprolyl isomerase domain and WD repeat-containing protein 1	3	80.431	74.679	78.923	77.240	73.943	75.212	78.011	2.982
IPI:IPI00149849.5	COG4	component of oligomeric golgi complex 4	3	61.108	54.078	56.985	69.778	70.508	78.029	57.390	3.533
IPI:IPI00149964.6	C18orf8	Uncharacterized protein C18orf8	3	28.053	32.098	27.393	40.672	33.319	37.525	29.181	2.547
IPI:IPI00150057.6	SMARCC2	Isoform 2 of SWI/SNF complex subunit SMARCC2	6	431.825	408.525	430.510	358.598	375.806	369.776	423.620	13.089
IPI:IPI00150269.1	PRPF4	Isoform 1 of U4/U6 small nuclear ribonucleoprotein Prp4	7	387.800	429.580	417.045	421.835	391.884	388.215	411.475	21.440
IPI:IPI00150963.3	RPUSD2	RNA pseudouridylate synthase domain-containing protein 2	1	8.272	8.766	8.460	7.948	7.828	9.590	8.499	0.249
IPI:IPI00151036.1	RNF13	RING finger protein 13	2	66.102	62.069	70.935	113.155	122.123	122.863	66.369	4.439
IPI:IPI00151170.4	TTK	Dual specificity protein kinase TTK	1	10.950	8.529	8.486	31.270	32.626	30.178	9.321	1.411
IPI:IPI00151358.2	CLPTM1L	Isoform 1 of Cleft lip and palate transmembrane protein 1-like protein	4	31.293	26.999	28.120	34.391	30.304	28.801	28.804	2.227
IPI:IPI00151462.3	MAP1LC3B2	Microtubule-associated proteins 1A/1B light chain 3 beta 2	1	82.651	76.433	80.684	114.622	132.964	108.867	79.922	3.178
IPI:IPI00151710.8	ANO6	Anoctamin-6	1	61.852	74.310	57.588	89.529	69.264	88.301	64.583	8.689
IPI:IPI00151988.4	ZNF532	Zinc finger protein 532	1	3.591	3.298	2.114	5.275	3.561	4.351	3.001	0.782
IPI:IPI00152001.2	TRIM3	Isoform Alpha of Tripartite motif-containing protein 3	1	4.214	3.609	3.237	3.595	3.190	2.789	3.686	0.493
IPI:IPI00152007.1	ARHGEF17	Rho guanine nucleotide exchange factor 17	3	87.073	99.338	76.904	111.926	78.374	116.741	87.772	11.234
IPI:IPI00152011.4	ARHGAP29	Isoform 1 of Rho GTPase-activating protein 29	1	28.343	15.639	29.988	30.432	31.918	27.281	24.657	7.853
IPI:IPI00152089.3	CXorf38	Isoform 1 of Uncharacterized protein CXorf38	2	21.246	25.436	20.416	22.226	20.332	18.017	22.366	2.691
IPI:IPI00152151.4	FAM122B	Isoform 3 of Protein FAM122B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00152182.1	KLHDC4	Isoform 1 of Kelch domain-containing protein 4	2	59.326	55.828	56.666	54.866	52.553	57.772	57.273	1.827
IPI:IPI00152249.6	C18orf21	Putative uncharacterized protein C18orf21	1	8.115	5.937	5.490	5.954	6.378	6.238	6.514	1.404
IPI:IPI00152303.7	PIP4K2C	Phosphatidylinositol-5-phosphate 4-kinase type-2 gamma	4	278.124	352.124	288.047	370.765	286.382	368.798	306.098	40.167
IPI:IPI00152311.4	C3orf38	Isoform 1 of Uncharacterized protein C3orf38	2	113.291	119.242	110.038	109.342	101.236	111.581	114.190	4.667
IPI:IPI00152342.3	C18orf32	UPF0729 protein C18orf32	3	154.786	159.134	164.445	207.822	188.156	205.700	159.455	4.837
IPI:IPI00152377.1	STT3B	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B	8	458.914	493.163	433.424	449.621	405.452	442.278	461.834	29.976
IPI:IPI00152407.3	C18orf25	ARKadia-like 1 isoform b	2	156.551	178.364	162.327	161.570	133.154	152.772	165.747	11.302
IPI:IPI00152418.2	CD55	Decay-accelerating factor splicing variant 4	1	59.153	70.635	53.846	114.932	93.909	112.344	61.211	8.582
IPI:IPI00152432.2	GPT2	Isoform 1 of Alanine aminotransferase 2	3	320.176	331.253	324.172	319.581	303.389	328.546	325.200	5.610
IPI:IPI00152441.3	HM13	Isoform 1 of Minor histocompatibility antigen H13	12	1,376.630	1,326.570	1,337.250	1,212.980	1,318.400	1,233.930	1,346.817	26.366
IPI:IPI00152488.1	CD99L2	Isoform 3 of CD99 antigen-like protein 2	2	45.325	46.674	55.052	55.128	56.080	50.830	49.017	5.270
IPI:IPI00152503.1	DTX3L	Protein deltex-3-like	2	71.953	81.120	77.039	98.658	91.186	106.744	76.704	4.593
IPI:IPI00152510.4	DDX54	DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 isoform 1	1	9.633	11.121	9.941	4.949	8.399	6.183	10.232	0.785
IPI:IPI00152535.1	CHD5	Chromodomain-helicase-DNA-binding protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00152540.3	CD109	Isoform 1 of CD109 antigen	1	0.000	0.001	0.000	2.068	0.000	1.841	0.000	0.000
IPI:IPI00152542.2	DMXL2	DMXL2 protein	1	25.840	23.076	26.455	24.390	26.413	25.081	25.124	1.800
IPI:IPI00152627.5	C11orf30	C11orf30 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00152642.3	LRRC8C	Leucine-rich repeat-containing protein 8C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00152658.1	NEK7	Serine/threonine-protein kinase Nek7	10	775.420	760.843	756.155	681.237	692.495	700.526	764.139	10.047
IPI:IPI00152671.7	FAM91A1	Protein FAM91A1	1	77.241	71.782	79.930	74.713	83.774	77.694	76.318	4.152
IPI:IPI00152685.1	TTC15	Tetratricopeptide repeat protein 15	1	46.664	50.779	50.203	43.100	41.408	42.128	49.215	2.228
IPI:IPI00152692.2	DTD1;HARS2	D-tyrosyl-tRNA(Tyr) deacylase 1	5	188.358	192.221	188.855	127.336	135.787	137.442	189.811	2.102
IPI:IPI00152695.2	WDR82	WD repeat-containing protein 82	4	237.984	229.732	240.672	232.592	235.652	243.454	236.129	5.701
IPI:IPI00152708.3	UTP15	U3 small nucleolar RNA-associated protein 15 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00145593.7	0.000	0.000	n/a	n/a	2	48.150	39.957	46.651	39.709	48.619	45.440	44.919	4.363	44.589	4.515	-0.011	0.93187071
IPI:IPI00145612.6	242.383	15.760	0.260	0.03039767	1	10.804	16.098	12.275	13.810	7.626	11.689	13.059	2.733	11.041	3.143	-0.242	0.45092940
IPI:IPI00146077.4	93.365	6.226	0.250	0.03311231	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00146447.3	51.779	3.044	-0.139	0.29638172	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00146935.4	1,077.710	11.376	-0.174	0.00014877	2	38.456	39.437	41.274	52.513	54.862	51.289	39.722	1.431	52.888	1.816	0.413	0.00077117
IPI:IPI00147874.1	657.086	11.041	0.040	0.27041135	19	892.454	866.186	910.985	709.130	742.470	713.945	889.875	22.511	721.848	18.020	-0.302	0.00068570
IPI:IPI00148063.1	306.370	6.244	0.133	0.00538075	10	284.794	258.667	298.892	271.091	305.550	286.851	280.784	20.410	287.831	17.250	0.036	0.67304053
IPI:IPI00148768.4	498.445	7.786	-0.103	0.01706281	4	244.914	207.032	241.806	154.612	183.036	160.189	231.251	21.031	165.946	15.061	-0.479	0.01483715
IPI:IPI00148820.2	0.000	0.000	n/a	n/a	1	20.091	21.537	19.905	39.258	37.294	40.957	20.511	0.894	39.169	1.833	0.933	0.00066564
IPI:IPI00149044.8	0.000	0.000	n/a	n/a	1	65.641	65.572	60.650	124.724	107.828	115.147	63.954	2.861	115.900	8.473	0.858	0.00473595
IPI:IPI00149094.4	5.767	0.747	0.054	0.79643625	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00149650.3	75.465	1.663	-0.048	0.28384773	5	192.473	232.810	189.772	334.181	198.283	307.622	205.018	24.106	280.029	72.029	0.450	0.20673279
IPI:IPI00149849.5	72.772	4.568	0.343	0.01147402	1	31.240	50.628	34.084	40.945	27.821	41.201	38.650	10.470	36.655	7.652	-0.076	0.80668656
IPI:IPI00149964.6	37.172	3.689	0.349	0.04301716	3	59.250	59.482	58.997	73.361	74.220	70.291	59.243	0.242	72.624	2.065	0.294	0.00722830
IPI:IPI00150057.6	368.060	8.731	-0.203	0.00562949	1	57.316	55.296	63.900	56.792	60.486	53.946	58.837	4.499	57.075	3.279	-0.044	0.61557835
IPI:IPI00150269.1	400.645	18.443	-0.038	0.54427640	16	656.781	716.940	640.957	853.232	748.099	814.201	671.559	40.089	805.177	53.144	0.262	0.02858701
IPI:IPI00150963.3	8.456	0.984	-0.007	0.94684043	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00151036.1	119.380	5.404	0.847	0.00024554	4	144.420	146.253	152.347	177.368	178.999	184.262	147.673	4.150	180.210	3.603	0.287	0.00056314
IPI:IPI00151170.4	31.358	1.226	1.750	0.00003978	4	185.540	165.537	175.694	232.605	277.839	242.320	175.590	10.002	250.921	23.812	0.515	0.01946762
IPI:IPI00151358.2	31.165	2.893	0.114	0.32935255	1	3.353	3.662	4.765	2.196	4.314	3.527	3.926	0.742	3.346	1.070	-0.231	0.48909558
IPI:IPI00151462.3	118.818	12.584	0.572	0.02722566	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00151710.8	82.365	11.362	0.351	0.10233465	7	287.908	262.884	262.288	363.369	376.863	376.302	271.027	14.623	372.178	7.634	0.458	0.00175691
IPI:IPI00151988.4	4.396	0.858	0.551	0.10653875	1	11.114	14.513	12.754	30.422	27.620	25.620	12.794	1.700	27.887	2.412	1.124	0.00144573
IPI:IPI00152001.2	3.191	0.403	-0.208	0.25298524	2	14.110	14.507	15.390	14.434	14.017	11.788	14.669	0.655	13.413	1.422	-0.129	0.26466796
IPI:IPI00152007.1	102.347	20.901	0.222	0.36455991	1	41.643	49.921	41.080	52.052	37.098	46.071	44.214	4.950	45.074	7.527	0.028	0.87997285
IPI:IPI00152011.4	29.877	2.368	0.277	0.37011995	12	591.920	539.036	571.259	568.952	595.489	585.842	567.405	26.652	583.428	13.432	0.040	0.42330897
IPI:IPI00152089.3	20.192	2.108	-0.148	0.33637455	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152151.4	0.000	0.000	n/a	n/a	1	26.034	31.841	23.626	23.004	17.279	21.510	27.167	4.223	20.598	2.970	-0.399	0.10007704
IPI:IPI00152182.1	55.063	2.615	-0.057	0.30450264	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152249.6	6.190	0.216	-0.074	0.73004465	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152303.7	341.982	48.161	0.160	0.37972594	11	473.350	447.943	490.634	527.362	616.779	551.430	470.642	21.474	565.190	46.269	0.264	0.05329349
IPI:IPI00152311.4	107.386	5.443	-0.089	0.17732425	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152342.3	200.559	10.794	0.331	0.01153867	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152377.1	432.450	23.668	-0.095	0.25723839	1	60.307	59.727	58.313	17.601	21.601	19.449	59.449	1.026	19.551	2.002	-1.604	0.00007941
IPI:IPI00152407.3	149.165	14.547	-0.152	0.19826611	1	50.285	48.582	49.019	44.636	43.204	45.047	49.295	0.884	44.296	0.967	-0.154	0.00280792
IPI:IPI00152418.2	107.062	11.464	0.807	0.00646016	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152432.2	317.172	12.750	-0.036	0.39784167	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152441.3	1,255.103	55.808	-0.102	0.08661888	8	576.333	560.956	596.903	396.991	426.622	401.927	578.064	18.036	408.513	15.876	-0.501	0.00028246
IPI:IPI00152488.1	54.013	2.797	0.140	0.24172260	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152503.1	98.863	7.781	0.366	0.02056470	11	377.410	398.149	365.902	514.511	502.501	512.155	380.487	16.342	509.722	6.364	0.422	0.00207466
IPI:IPI00152510.4	6.510	1.748	-0.652	0.04896347	4	162.009	177.242	161.354	189.823	193.330	188.083	166.868	8.990	190.412	2.673	0.190	0.03642970
IPI:IPI00152535.1	0.000	0.000	n/a	n/a	3	80.989	88.499	97.100	103.031	101.948	106.100	88.863	8.062	103.693	2.154	0.223	0.07738331
IPI:IPI00152540.3	1.303	1.134	12.853	0.18540143	7	526.077	514.879	544.170	323.654	366.795	342.706	528.375	14.780	344.385	21.619	-0.618	0.00052060
IPI:IPI00152542.2	25.294	1.028	0.010	0.89523460	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152627.5	0.000	0.000	n/a	n/a	5	119.104	134.594	116.618	136.155	121.558	130.509	123.439	9.740	129.407	7.361	0.068	0.44866535
IPI:IPI00152642.3	0.000	0.000	n/a	n/a	2	78.443	98.665	81.060	50.915	45.766	48.436	86.056	10.998	48.372	2.575	-0.831	0.02246460
IPI:IPI00152658.1	691.419	9.689	-0.144	0.00084300	4	192.999	200.294	199.219	79.520	85.381	82.768	197.504	3.938	82.556	2.936	-1.258	0.00000533
IPI:IPI00152671.7	78.727	4.618	0.045	0.53961816	2	78.247	83.666	87.811	91.081	80.070	92.361	83.241	4.796	87.837	6.757	0.078	0.39662326
IPI:IPI00152685.1	42.212	0.849	-0.221	0.02121870	2	138.562	140.083	134.152	135.687	137.849	133.523	137.599	3.081	135.686	2.163	-0.020	0.43422050
IPI:IPI00152692.2	133.522	5.420	-0.507	0.00103768	6	71.973	64.847	70.193	64.291	65.507	63.344	69.004	3.709	64.381	1.084	-0.100	0.15527126
IPI:IPI00152695.2	237.233	5.601	0.007	0.82310643	6	371.358	388.205	379.255	308.856	302.543	319.480	379.606	8.429	310.293	8.559	-0.291	0.00056707
IPI:IPI00152708.3	0.000	0.000	n/a	n/a	9	414.600	463.831	423.797	532.206	499.374	525.998	434.076	26.176	519.193	17.442	0.258	0.01305580

IPI:IPI00152739.4	ATHL1	Isoform 1 of Acid trehalase-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00152850.2	JAM3	junctional adhesion molecule 3 precursor	2	60.554	87.541	53.599	110.196	57.105	102.257	67.231	17.929
IPI:IPI00152853.3	KIAA1949	Isoform 1 of Phostensin	6	455.728	436.668	452.364	434.651	454.616	446.485	448.253	10.173
IPI:IPI00152881.5	SHROOM3	shroom family member 3 protein	4	105.936	118.801	110.642	83.099	76.295	79.333	111.793	6.509
IPI:IPI00152900.2	LZIC	cDNA FLJ55829, highly similar to Homo sapiens leucine zipper and CTNNBIP1 domain containing (LZIC), mRNA	2	101.902	145.884	93.129	154.714	101.053	139.662	113.638	28.268
IPI:IPI00152946.1	RACGAP1	Rac GTPase-activating protein 1	2	107.797	95.278	117.530	123.780	156.770	120.337	106.868	11.155
IPI:IPI00152949.4	TMEM168	Transmembrane protein 168	2	36.544	37.070	37.988	49.773	45.456	50.831	37.201	0.731
IPI:IPI00152981.1	ACAD9	Acyl-CoA dehydrogenase family member 9, mitochondrial	5	305.944	294.298	299.482	307.367	333.610	324.258	299.908	5.835
IPI:IPI00152998.3	LRRC40	Leucine-rich repeat-containing protein 40	4	183.468	208.242	191.830	201.185	176.892	191.731	194.513	12.603
IPI:IPI00153023.7	CCDC51	Isoform 1 of Coiled-coil domain-containing protein 51	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00153031.3	C17orf80	Isoform 1 of Uncharacterized protein C17orf80	1	77.306	93.325	80.808	99.252	75.931	103.363	83.813	8.421
IPI:IPI00153032.1	LTV1	Protein LTV1 homolog	1	40.958	35.931	41.540	36.291	37.319	33.915	39.477	3.084
IPI:IPI00153051.5	MTPAP	Isoform 1 of Poly(A) RNA polymerase, mitochondrial	1	57.471	55.209	56.710	57.677	56.390	57.359	56.463	1.151
IPI:IPI00154283.4	KIAA1524	Isoform 1 of Protein CIP2A	1	31.388	36.713	31.140	26.780	20.152	29.787	33.080	3.148
IPI:IPI00154408.5	RDBP	RD RNA binding protein	1	16.107	18.174	19.101	15.008	14.646	19.209	17.794	1.533
IPI:IPI00154451.9	MMS19	cDNA FLJ55586, highly similar to MMS19-like protein	1	36.381	33.920	31.785	33.613	36.232	37.420	34.029	2.300
IPI:IPI00154473.5	GFM1	Elongation factor G 1, mitochondrial	11	554.416	486.525	544.347	474.908	537.369	483.617	528.429	36.638
IPI:IPI00154528.3	SMC6	Isoform 1 of Structural maintenance of chromosomes protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00154567.5	SPATA20	Isoform 2 of Spermatogenesis-associated protein 20	1	81.204	73.166	86.247	120.477	137.613	129.290	80.206	6.598
IPI:IPI00154588.3	SPPL2A	Signal peptide peptidase-like 2A	2	39.545	42.931	40.626	51.674	47.725	50.737	41.034	1.730
IPI:IPI00154590.6	MKI67IP	MKI67 FHA domain-interacting nucleolar phosphoprotein	8	698.423	667.818	669.039	732.856	728.654	744.914	678.427	17.328
IPI:IPI00154603.3	FGF2	fibroblast growth factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00154645.8	TBC1D15	TBC1 domain family, member 15 isoform 1	2	245.079	198.617	232.611	269.255	321.745	277.778	225.436	24.048
IPI:IPI00154668.5	CCDC93	Coiled-coil domain-containing protein 93	2	106.480	94.590	96.602	112.703	117.909	109.100	99.224	6.364
IPI:IPI00154742.6	IGLC1;IGLV	IGL@ protein	2	42.469	43.160	48.552	219.289	225.852	227.702	44.727	3.331
IPI:IPI00154910.4	UBASH3B	Ubiquitin-associated and SH3 domain-containing protein B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00154915.1	PARD3	Isoform 1 of Partitioning defective 3 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00154944.9	SCN9A	Isoform 1 of Sodium channel protein type 9 subunit alpha	3	100.485	121.257	105.451	142.983	124.682	135.105	109.064	10.847
IPI:IPI00154975.3	DNAJC9	DnaJ homolog subfamily C member 9	4	317.110	296.469	330.858	242.837	264.359	245.319	314.812	17.309
IPI:IPI00155199.4	ZYG11B	Isoform 1 of Protein zyg-11 homolog B	1	6.037	8.121	4.777	2.315	5.217	4.283	6.312	1.688
IPI:IPI00155562.1	RNF126	Isoform 2 of RING finger protein 126	3	93.384	82.095	96.283	80.543	98.398	70.650	90.587	7.496
IPI:IPI00155601.1	MACROD1	MACRO domain-containing protein 1	1	81.924	84.444	86.294	103.338	89.922	101.542	84.221	2.193
IPI:IPI00156005.3	NOVA2	RNA-binding protein Nova-2	2	91.854	133.321	89.440	123.216	78.919	107.070	104.872	24.668
IPI:IPI00156032.6	KRR1	KRR1 small subunit processome component homolog	3	180.465	197.814	173.927	215.914	183.908	216.062	184.069	12.345
IPI:IPI00156374.6	IPO4	Isoform 1 of Importin-4	3	73.784	65.232	73.380	54.580	68.674	55.683	70.798	4.825
IPI:IPI00156689.3	VAT1	Synaptic vesicle membrane protein VAT-1 homolog	7	596.010	707.104	566.851	1,058.700	783.946	872.928	623.322	74.008
IPI:IPI00156793.5	XPC	DNA repair protein complementing XP-C cells	2	158.461	171.739	154.152	205.792	156.069	201.658	161.451	9.167
IPI:IPI00156887.5	SUV39H1	Suppressor of variegation 3-9 homolog 1 (Drosophila), isoform CRA_b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00156984.3	CHMP1B	Charged multivesicular body protein 1b	1	78.994	70.158	74.677	78.718	82.852	88.373	74.610	4.418
IPI:IPI00157144.2	GYS1	glycogen synthase 1 (muscle) isoform 2	8	513.579	478.415	510.976	471.941	514.389	465.105	500.990	19.594
IPI:IPI00157176.1	MEA1	Male-enhanced antigen 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00157215.5	C19orf52	Uncharacterized protein C19orf52	2	50.828	41.006	51.245	45.010	58.367	47.061	47.693	5.795
IPI:IPI00157365.2	NUB1	NEDD8 ultimate buster 1 (Negative regulator of ubiquitin-like proteins 1) (Renal carcinoma antigen NY-REN-18). Isoform 2	1	63.039	72.381	65.388	68.962	69.835	69.903	66.936	4.860
IPI:IPI00157442.1	ARHGEF11	Rho guanine nucleotide exchange factor 11	1	8.484	9.439	7.880	12.437	9.295	14.263	8.601	0.786
IPI:IPI00157734.2	EXOC3	Isoform 1 of Exocyst complex component 3	3	78.231	78.911	79.687	81.104	86.880	91.939	78.943	0.729
IPI:IPI00157757.7	MICAL1	cDNA FLJ56489, highly similar to NEDD9-interacting protein with calponin homology and LIM domains	3	185.441	166.693	184.498	144.908	177.036	149.043	178.877	10.562
IPI:IPI00157790.7	KIAA0368	KIAA0368 protein	16	873.268	860.256	875.688	924.648	954.179	943.904	869.737	8.300
IPI:IPI00157820.3	TXNRD2	Putative uncharacterized protein TXNRD2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00157836.4	IQWD1	Isoform 2 of Nuclear receptor interaction protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00158020.8	SFRS14	Isoform 1 of Putative splicing factor, arginine/serine-rich 14	1	97.853	94.593	104.684	98.991	102.257	93.490	99.043	5.150

IPI:IPI00152739.4	0.000	0.000	n/a	n/a	1	58.834	77.654	57.600	73.137	59.018	78.155	64.696	11.239	70.103	9.922	0.116	0.56714164
IPI:IPI00152850.2	89.853	28.637	0.418	0.32210618	4	142.126	143.021	133.828	191.635	182.703	182.043	139.658	5.069	185.460	5.358	0.409	0.00043085
IPI:IPI00152853.3	445.251	10.040	-0.010	0.73591584	6	245.449	246.225	256.983	250.677	255.337	241.809	249.552	6.447	249.274	6.872	-0.002	0.96184418
IPI:IPI00152881.5	79.576	3.408	-0.490	0.00463795	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152900.2	131.810	27.679	0.214	0.47137159	2	80.649	86.859	85.093	127.613	111.529	121.173	84.200	3.200	120.105	8.095	0.512	0.00882223
IPI:IPI00152946.1	133.629	20.114	0.322	0.13405867	7	137.375	143.717	133.536	235.823	229.410	223.796	138.209	5.142	229.676	6.018	0.733	0.00004472
IPI:IPI00152949.4	48.687	2.847	0.388	0.01523797	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00152981.1	321.745	13.301	0.101	0.08787679	20	831.448	864.034	804.843	809.326	789.670	805.783	833.442	29.646	801.593	10.476	-0.056	0.19608930
IPI:IPI00152998.3	189.936	12.246	-0.034	0.67565291	8	201.488	214.116	209.923	230.194	239.314	244.119	208.509	6.432	237.876	7.073	0.190	0.00616224
IPI:IPI00153023.7	0.000	0.000	n/a	n/a	1	38.515	40.374	39.286	52.101	44.276	53.300	39.392	0.934	49.892	4.901	0.341	0.06095709
IPI:IPI00153031.3	92.849	14.795	0.148	0.42309025	1	25.006	20.789	22.824	18.548	18.810	23.257	22.873	2.109	20.205	2.647	-0.179	0.24767504
IPI:IPI00153032.1	35.842	1.746	-0.139	0.16914362	4	123.396	111.571	123.808	123.545	147.130	145.446	119.592	6.949	138.707	13.158	0.214	0.11176594
IPI:IPI00153051.5	57.142	0.670	0.017	0.43835022	5	145.568	155.936	153.199	163.629	168.921	174.111	151.568	5.373	168.887	5.241	0.156	0.01620447
IPI:IPI00154283.4	25.573	4.930	-0.371	0.10233444	6	361.766	340.599	351.864	399.508	410.523	412.151	351.410	10.591	407.394	6.878	0.213	0.00281393
IPI:IPI00154408.5	16.288	2.536	-0.128	0.43839203	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00154451.9	35.755	1.948	0.071	0.37878098	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00154473.5	498.631	33.829	-0.084	0.35983199	27	1,466.850	1,471.720	1,497.590	1,337.820	1,380.610	1,338.810	1,478.720	16.522	1,352.413	24.424	-0.129	0.00288998
IPI:IPI00154528.3	0.000	0.000	n/a	n/a	8	132.608	134.963	123.206	187.285	194.061	179.939	130.259	6.221	187.095	7.063	0.522	0.00051239
IPI:IPI00154567.5	129.127	8.569	0.687	0.00185587	1	27.714	24.356	25.583	27.514	34.603	31.445	25.884	1.699	31.187	3.551	0.269	0.10586111
IPI:IPI00154588.3	50.045	2.063	0.286	0.00482656	2	0.000	0.000	3.918	0.000	2.021	0.000	1.306	2.262	0.674	1.167	-0.955	0.69635709
IPI:IPI00154590.6	735.475	8.440	0.116	0.01565722	9	497.061	524.004	493.717	782.524	743.830	762.843	504.927	16.605	763.066	19.348	0.596	0.00007309
IPI:IPI00154603.3	0.000	0.000	n/a	n/a	1	17.032	15.411	13.374	24.750	19.958	24.735	15.272	1.833	23.148	2.763	0.600	0.01950584
IPI:IPI00154645.8	289.593	28.169	0.361	0.04119483	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00154668.5	113.237	4.429	0.191	0.04110908	4	106.333	115.423	96.804	141.606	122.984	143.455	106.187	9.310	136.015	11.323	0.357	0.02587449
IPI:IPI00154742.6	224.281	4.421	2.326	0.00000140	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00154910.4	0.000	0.000	n/a	n/a	1	82.693	98.113	89.097	71.817	64.432	69.462	89.968	7.747	68.570	3.772	-0.392	0.02484520
IPI:IPI00154915.1	0.000	0.000	n/a	n/a	3	60.642	58.109	60.943	70.961	66.969	65.414	59.898	1.557	67.781	2.861	0.178	0.02338681
IPI:IPI00154944.9	134.257	9.180	0.300	0.03874535	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00154975.3	250.838	11.775	-0.328	0.00865450	17	1,092.450	1,058.750	1,104.210	1,133.590	1,148.400	1,138.010	1,085.137	23.596	1,140.000	7.603	0.071	0.04567851
IPI:IPI00155199.4	3.938	1.482	-0.680	0.14250153	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00155562.1	83.197	14.063	-0.123	0.47977935	1	30.526	31.156	33.857	9.221	13.544	15.409	31.846	1.770	12.725	3.174	-1.323	0.00234673
IPI:IPI00155601.1	98.267	7.283	0.223	0.06895178	5	239.917	212.267	245.184	215.140	243.082	212.236	232.456	17.681	223.486	17.033	-0.057	0.56138084
IPI:IPI00156005.3	103.068	22.418	-0.025	0.93139082	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00156032.6	205.295	18.522	0.157	0.18443724	12	539.905	540.239	558.348	643.888	644.611	621.601	546.164	10.553	636.700	13.081	0.221	0.00090406
IPI:IPI00156374.6	59.645	7.838	-0.247	0.11798865	3	88.847	87.203	97.495	69.533	69.610	65.537	91.182	5.529	68.226	2.329	-0.418	0.00976956
IPI:IPI00156689.3	905.191	140.190	0.538	0.05338064	16	771.101	754.653	770.764	544.911	608.197	566.646	765.506	9.400	573.251	32.156	-0.417	0.00581381
IPI:IPI00156793.5	187.840	27.592	0.218	0.23465590	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00156887.5	0.000	0.000	n/a	n/a	1	9.946	8.241	8.777	12.619	11.973	13.662	8.988	0.872	12.751	0.853	0.505	0.00591233
IPI:IPI00156984.3	83.314	4.844	0.159	0.08355982	3	201.121	175.847	206.986	184.330	200.577	178.852	194.651	16.547	187.920	11.299	-0.051	0.59713703
IPI:IPI00157144.2	483.812	26.700	-0.050	0.42434851	1	42.549	39.110	43.232	27.844	31.431	26.037	41.630	2.209	28.437	2.745	-0.550	0.00339972
IPI:IPI00157176.1	0.000	0.000	n/a	n/a	1	24.042	24.361	30.495	6.132	12.109	4.955	26.300	3.637	7.732	3.836	-1.766	0.00372606
IPI:IPI00157215.5	50.146	7.193	0.072	0.67078008	4	74.408	72.688	81.069	79.353	93.848	85.220	76.055	4.427	86.140	7.291	0.180	0.12481767
IPI:IPI00157365.2	69.567	0.525	0.056	0.44832759	2	44.717	37.620	42.493	55.971	59.370	55.344	41.610	3.630	56.895	2.166	0.451	0.00637770
IPI:IPI00157442.1	11.999	2.513	0.480	0.13410603	7	236.325	238.506	246.115	296.127	304.142	291.552	240.315	5.140	297.274	6.373	0.307	0.00034844
IPI:IPI00157734.2	86.641	5.421	0.134	0.13079607	5	75.456	79.103	83.158	87.214	73.080	84.405	79.239	3.853	81.566	7.482	0.042	0.66513155
IPI:IPI00157757.7	156.996	17.478	-0.188	0.15267146	3	102.770	110.774	108.271	89.726	88.960	88.712	107.272	4.095	89.133	0.529	-0.267	0.01535269
IPI:IPI00157790.7	940.910	14.991	0.113	0.00486646	13	594.327	585.661	608.526	575.233	607.258	572.536	596.171	11.544	585.009	19.315	-0.027	0.44951491
IPI:IPI00157820.3	0.000	0.000	n/a	n/a	3	101.239	111.676	104.966	123.787	128.320	118.719	105.960	5.289	123.609	4.803	0.222	0.01312437
IPI:IPI00157836.4	0.000	0.000	n/a	n/a	1	26.981	31.128	25.244	61.340	49.838	56.819	27.784	3.023	55.999	5.795	1.011	0.00488399
IPI:IPI00158020.8	98.246	4.431	-0.012	0.84996541	5	251.827	240.060	264.432	354.713	402.586	352.063	252.106	12.188	369.787	28.435	0.553	0.00968599

IPI:IPI00158248.3	MAP2K5	Isoform B of Dual specificity mitogen-activated protein kinase kinase 5	1	15.974	14.729	14.952	15.436	15.523	15.328	15.218	0.664
IPI:IPI00158296.5	KIAA0564	Isoform 3 of Uncharacterized protein KIAA0564	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00158615.7	THOC2	THO complex 2 isoform 1	3	227.965	218.969	228.688	210.772	215.374	220.506	225.207	5.415
IPI:IPI00158627.1	AKAP1	Isoform 2 of A kinase anchor protein 1, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00158992.2	SNAPC4	snRNA-activating protein complex subunit 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00159072.3	ROD1	cDNA FLJ51619, highly similar to Regulator of differentiation 1	5	301.410	312.072	303.586	186.354	187.864	201.673	305.689	5.634
IPI:IPI00159322.4	TCF20	Isoform 1 of Transcription factor 20	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00159358.7	TMEM201	Isoform 2 of Transmembrane protein 201	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00159652.1	FRYL	Isoform 2 of Protein furry homolog-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00159899.9	ANKFY1	Similar to Ankyrin repeat and FYVE domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00160021.2	NFU1	HIRA interacting protein 5 isoform 1	1	164.316	124.287	153.923	98.876	130.894	112.368	147.509	20.771
IPI:IPI00160265.1	TNRC6A	Isoform 2 of Trinucleotide repeat-containing gene 6A protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00160395.3	HOMER3	Homer, neuronal immediate early gene, 3 isoform 3	3	211.006	204.782	216.114	228.961	231.409	234.902	210.634	5.675
IPI:IPI00160418.4	TMEM22	Transmembrane protein 22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00160421.3	MRPL18	39S ribosomal protein L18, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00160622.1	CEP250	Isoform 1 of Centrosome-associated protein CEP250	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00161085.5	NOL8	Isoform 1 of Nucleolar protein 8	2	56.583	52.195	61.927	59.966	65.813	59.466	56.902	4.874
IPI:IPI00161119.3	NFKBIB	Isoform 1 of NF-kappa-B inhibitor beta	1	42.963	44.159	43.080	42.471	48.142	42.474	43.401	0.660
IPI:IPI00161600.6	C17orf79	Cooperator of PRMT5	1	24.623	27.712	29.549	33.040	32.655	36.194	27.294	2.489
IPI:IPI00162330.3	MRPL37	39S ribosomal protein L37, mitochondrial	10	477.918	478.216	476.779	478.993	476.067	484.874	477.638	0.758
IPI:IPI00162549.4	SP110	Isoform 1 of Sp110 nuclear body protein	1	13.686	13.953	17.110	9.672	13.292	13.210	14.916	1.905
IPI:IPI00162563.5	RNF40	Isoform 1 of E3 ubiquitin-protein ligase BRE1B	6	256.125	247.292	269.590	194.459	223.622	209.042	257.669	11.229
IPI:IPI00163084.3	XAB2	Pre-mRNA-splicing factor SYF1	2	107.813	114.216	109.678	69.171	78.320	70.946	110.569	3.293
IPI:IPI00163187.1	FSCN1	Fascin	16	1,051.990	1,135.540	1,050.130	1,063.730	1,109.580	1,052.070	1,079.220	48.783
IPI:IPI00163230.5	COPS6	COP9 signalosome complex subunit 6	3	118.637	124.454	132.528	153.965	167.706	147.759	125.206	6.976
IPI:IPI00163419.6	MED25	Isoform 4 of Mediator of RNA polymerase II transcription subunit 25	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00163496.1	PPFIA1	Isoform 1 of Liprin-alpha-1	5	250.363	287.002	247.171	284.238	241.860	278.847	261.512	22.133
IPI:IPI00163505.2	RBM39	Isoform 1 of RNA-binding protein 39	8	487.410	475.138	463.369	572.420	530.096	523.645	475.306	12.021
IPI:IPI00163565.6	AFAP1L1	Isoform 1 of Actin filament-associated protein 1-like 1	1	29.788	28.301	31.708	32.474	39.734	31.228	29.933	1.708
IPI:IPI00163644.2	OSBPL8	Oxysterol-binding protein	10	700.041	722.036	678.008	781.459	720.360	788.348	700.028	22.014
IPI:IPI00163727.8	MOBKL2A	Mps one binder kinase activator-like 2A	1	75.164	64.221	69.016	52.774	68.435	58.893	69.467	5.486
IPI:IPI00163729.7	MKL1	MKL/myocardin-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00163849.2	EPS15L1	cDNA FLJ60624, highly similar to Epidermal growth factor receptor substrate 15-like 1	16	801.320	807.978	827.397	835.363	914.608	890.824	812.232	13.549
IPI:IPI00163851.5	EIF2AK4	Isoform 1 of Eukaryotic translation initiation factor 2-alpha kinase 4	3	179.371	158.378	189.641	180.301	212.019	180.112	175.797	15.935
IPI:IPI00163902.1	CD164	CD164 molecule, sialomucin isoform 3	1	60.511	67.055	60.172	91.762	94.613	88.268	62.579	3.880
IPI:IPI00164005.1	COG7	Conserved oligomeric Golgi complex subunit 7	4	283.690	244.709	276.951	290.420	338.556	306.035	268.450	20.835
IPI:IPI00164215.5	TSPYL1	TSPYL protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00164251.2	MOSPD1	Isoform 3 of Motile sperm domain-containing protein 1	1	11.852	9.359	12.940	23.455	19.066	23.521	11.384	1.836
IPI:IPI00164352.6	ZNF292	zinc finger protein 292	1	15.366	18.352	16.200	16.279	15.642	14.945	16.639	1.541
IPI:IPI00164366.4	TPCN1	two pore segment channel 1 isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00164387.1	KCNMA1	Isoform 5 of Calcium-activated potassium channel subunit alpha-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00164417.6	TNPO2	Isoform 2 of Transportin-2	3	56.738	59.477	60.167	59.706	63.083	59.162	58.794	1.813
IPI:IPI00164434.5	REEP3	Isoform 1 of Receptor expression-enhancing protein 3	3	244.071	264.206	225.871	262.959	251.193	260.840	244.716	19.176
IPI:IPI00164481.2	STAU2	Isoform 2 of Double-stranded RNA-binding protein Staufen homolog 2	3	218.450	224.561	230.525	196.705	197.594	210.738	224.512	6.038
IPI:IPI00164550.7	RCOR3	Isoform 2 of REST corepressor 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00164610.4	TBC1D1	TBC1 domain family member 1	2	91.137	76.969	90.773	78.616	89.836	90.422	86.293	8.077
IPI:IPI00164672.6	DCP1A	63 kDa protein	2	114.601	109.117	125.057	99.261	106.819	104.570	116.258	8.098
IPI:IPI00164724.1	BRE	Isoform 2 of BRCA1-A complex subunit BRE	3	88.457	94.483	87.721	92.221	87.495	100.206	90.220	3.710
IPI:IPI00164861.3	KIF13A	Isoform 3 of Kinesin-like protein KIF13A	2	59.962	62.761	58.271	80.389	70.268	82.512	60.331	2.268
IPI:IPI00164935.3	TSC22D2	Isoform 2 of TSC22 domain family protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00164944.1	RALGPS2	Isoform 2 of Ras-specific guanine nucleotide-releasing factor RalGPS2	1	13.216	11.812	15.327	10.975	13.611	11.907	13.452	1.769
IPI:IPI00164949.3	TH1L	Isoform NELF-C of Negative elongation factor C/D	3	256.590	248.662	268.322	226.303	264.795	245.420	257.858	9.891

IPI:IPI00158248.3	15.429	0.098	0.020	0.63915188	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00158296.5	0.000	0.000	n/a	n/a	2	59.397	56.644	58.560	77.194	81.996	78.614	58.200	1.411	79.268	2.467	0.446	0.00075783
IPI:IPI00158615.7	215.551	4.869	-0.063	0.08405297	20	1,006.490	944.707	1,025.110	717.150	831.069	750.506	992.102	42.088	766.242	58.567	-0.373	0.00736801
IPI:IPI00158627.1	0.000	0.000	n/a	n/a	8	345.946	318.467	344.836	314.745	347.294	314.857	336.416	15.554	325.632	18.760	-0.047	0.48765236
IPI:IPI00158992.2	0.000	0.000	n/a	n/a	1	23.134	23.672	27.541	36.737	36.792	36.896	24.783	2.404	36.808	0.081	0.571	0.01299712
IPI:IPI00159072.3	191.964	8.442	-0.671	0.00011435	4	135.885	148.612	141.690	181.503	185.719	179.493	142.062	6.372	182.238	3.177	0.359	0.00249498
IPI:IPI00159322.4	0.000	0.000	n/a	n/a	3	64.989	71.162	74.033	74.858	73.172	70.707	70.061	4.622	72.913	2.088	0.058	0.40809433
IPI:IPI00159358.7	0.000	0.000	n/a	n/a	1	5.815	7.196	5.644	2.089	3.772	3.040	6.218	0.851	2.967	0.844	-1.068	0.00942744
IPI:IPI00159652.1	0.000	0.000	n/a	n/a	1	37.935	40.866	41.870	32.167	29.433	35.448	40.224	2.045	32.349	3.012	-0.314	0.02517412
IPI:IPI00159899.9	0.000	0.000	n/a	n/a	2	74.226	64.471	61.083	61.247	63.665	66.823	66.593	6.824	63.912	2.796	-0.059	0.57905740
IPI:IPI00160021.2	114.046	16.075	-0.371	0.09636978	3	145.875	157.703	146.516	198.099	177.882	203.995	150.031	6.652	193.325	13.695	0.366	0.01750029
IPI:IPI00160265.1	0.000	0.000	n/a	n/a	2	73.391	77.509	77.707	93.503	89.439	87.285	76.202	2.437	90.076	3.158	0.241	0.00466677
IPI:IPI00160395.3	231.757	2.986	0.138	0.01041599	1	2.080	0.000	2.565	3.058	2.152	4.158	1.548	1.363	3.123	1.005	1.012	0.18887936
IPI:IPI00160418.4	0.000	0.000	n/a	n/a	3	67.231	74.485	72.887	82.284	77.676	78.676	71.534	3.812	79.545	2.424	0.153	0.04663255
IPI:IPI00160421.3	0.000	0.000	n/a	n/a	1	8.608	7.611	10.387	8.812	10.230	9.484	8.869	1.406	9.509	0.709	0.101	0.53379979
IPI:IPI00160622.1	0.000	0.000	n/a	n/a	1	21.928	28.761	21.219	39.999	30.931	41.556	23.970	4.165	37.495	5.738	0.645	0.03418904
IPI:IPI00161085.5	61.748	3.529	0.118	0.24201227	11	475.895	504.151	485.612	589.280	569.314	596.478	488.553	14.356	585.024	14.073	0.260	0.00115275
IPI:IPI00161119.3	44.362	3.273	0.032	0.66569474	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00161600.6	33.963	1.942	0.315	0.02390353	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00162330.3	479.978	4.485	0.007	0.46283333	9	324.248	309.307	305.321	243.239	254.191	256.591	312.959	9.978	251.340	7.118	-0.316	0.00149344
IPI:IPI00162549.4	12.058	2.067	-0.307	0.15352002	1	35.492	29.854	34.175	35.810	43.576	38.360	33.174	2.949	39.249	3.958	0.243	0.10566685
IPI:IPI00162563.5	209.041	14.582	-0.302	0.01193871	19	530.047	544.818	512.601	814.540	758.573	779.466	529.155	16.127	784.193	28.281	0.568	0.00064372
IPI:IPI00163084.3	72.813	4.852	-0.603	0.00072028	3	96.207	91.134	91.322	95.699	93.890	96.068	92.888	2.876	95.219	1.166	0.036	0.29545419
IPI:IPI00163187.1	1,075.127	30.402	-0.005	0.90921396	19	811.255	800.823	808.129	679.904	675.950	681.825	806.736	5.354	679.226	2.996	-0.248	0.00003245
IPI:IPI00163230.5	156.477	10.208	0.322	0.01562766	3	169.134	161.123	172.546	75.221	92.843	77.026	167.601	5.864	81.696	9.695	-1.037	0.00059174
IPI:IPI00163419.6	0.000	0.000	n/a	n/a	1	17.274	12.555	14.086	26.462	26.028	32.535	14.638	2.408	28.342	3.638	0.953	0.00830407
IPI:IPI00163496.1	268.315	23.069	0.037	0.73310223	19	616.363	634.409	627.622	788.941	813.099	780.974	626.131	9.115	794.338	16.729	0.343	0.00051540
IPI:IPI00163505.2	542.054	26.495	0.190	0.03265501	9	536.110	532.519	507.751	864.144	704.841	890.970	525.460	15.441	819.985	100.616	0.642	0.03421592
IPI:IPI00163565.6	34.479	4.594	0.204	0.22295467	1	10.350	15.130	11.744	13.869	13.882	14.947	12.408	2.459	14.233	0.619	0.198	0.32710284
IPI:IPI00163644.2	763.389	37.423	0.125	0.07964216	8	341.850	370.906	342.087	408.681	374.222	406.163	351.614	16.707	396.355	19.209	0.173	0.03934743
IPI:IPI00163727.8	60.034	7.893	-0.211	0.17309969	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00163729.7	0.000	0.000	n/a	n/a	1	50.888	53.675	51.641	78.579	77.331	88.962	52.068	1.442	81.624	6.385	0.649	0.01204234
IPI:IPI00163849.2	880.265	40.664	0.116	0.08927362	23	988.368	946.876	972.299	1,088.190	1,134.500	1,110.730	969.181	20.921	1,111.140	23.158	0.197	0.00147049
IPI:IPI00163851.5	190.811	18.367	0.118	0.34681521	2	95.236	79.194	97.984	83.939	87.415	78.167	90.805	10.149	83.173	4.671	-0.127	0.32773043
IPI:IPI00163902.1	91.548	3.178	0.549	0.00068900	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00164005.1	311.670	24.558	0.215	0.08275649	3	98.112	110.388	106.790	139.534	116.494	144.305	105.097	6.311	133.444	14.872	0.345	0.06416058
IPI:IPI00164215.5	0.000	0.000	n/a	n/a	3	62.042	65.851	69.590	81.479	89.698	75.746	65.828	3.774	82.308	7.013	0.322	0.03584774
IPI:IPI00164251.2	22.014	2.553	0.951	0.00571196	2	32.496	31.104	31.106	37.637	41.253	39.568	31.568	0.803	39.486	1.810	0.323	0.00808780
IPI:IPI00164352.6	15.622	0.668	-0.091	0.37836084	3	151.384	152.759	147.222	164.828	181.964	157.855	150.455	2.883	168.216	12.406	0.161	0.12537114
IPI:IPI00164366.4	0.000	0.000	n/a	n/a	1	36.790	31.736	40.975	14.553	20.461	16.843	36.500	4.626	17.286	2.979	-1.078	0.00618461
IPI:IPI00164387.1	0.000	0.000	n/a	n/a	1	35.916	32.191	33.913	43.656	48.201	40.332	34.007	1.864	44.063	3.950	0.374	0.03106200
IPI:IPI00164417.6	60.651	2.124	0.045	0.31599524	1	22.461	18.475	18.585	29.238	29.350	31.256	19.840	2.271	29.948	1.134	0.594	0.00667031
IPI:IPI00164434.5	258.331	6.272	0.078	0.34535152	3	232.863	272.619	230.068	269.901	216.605	256.220	245.183	23.801	247.575	27.680	0.014	0.91555907
IPI:IPI00164481.2	201.679	7.858	-0.155	0.01844252	9	383.105	373.257	404.515	457.701	479.632	465.530	386.959	15.981	467.621	11.114	0.273	0.00305227
IPI:IPI00164550.7	0.000	0.000	n/a	n/a	1	43.943	43.803	45.573	50.110	52.996	51.934	44.440	0.984	51.680	1.460	0.218	0.00333147
IPI:IPI00164610.4	86.292	6.653	0.000	0.99983072	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00164672.6	103.550	3.881	-0.167	0.09547266	2	152.671	159.152	155.293	161.027	151.196	165.049	155.705	3.260	159.091	7.127	0.031	0.51342658
IPI:IPI00164724.1	93.307	6.425	0.049	0.52016441	6	254.482	237.131	248.925	294.425	308.284	304.526	246.846	8.860	302.412	7.167	0.293	0.00129898
IPI:IPI00164861.3	77.723	6.543	0.365	0.03308960	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00164935.3	0.000	0.000	n/a	n/a	1	14.582	15.012	17.243	14.956	14.243	14.186	15.612	1.429	14.462	0.429	-0.110	0.29818434
IPI:IPI00164944.1	12.164	1.337	-0.145	0.37557631	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00164949.3	245.506	19.246	-0.071	0.39693310	2	117.733	125.447	105.448	123.027	108.270	130.467	116.209	10.086	120.588	11.298	0.053	0.64343916

IPI:IPI00165026.3	SETD3	Isoform 1 of SET domain-containing protein 3	4	244.814	267.988	262.217	278.130	234.029	279.717	258.340	12.064
IPI:IPI00165041.5	TCOF1	Treacher Collins-Franceschetti syndrome 1 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165073.8	SMYD3	Isoform 1 of SET and MYND domain-containing protein 3	1	25.425	23.308	26.887	23.149	28.886	26.551	25.207	1.799
IPI:IPI00165092.3	YARS2	Tyrosyl-tRNA synthetase, mitochondrial	2	110.420	127.642	118.066	116.438	111.138	118.335	118.709	8.629
IPI:IPI00165138.1	GCC1	GRIP and coiled-coil domain-containing protein 1	2	59.983	59.759	62.224	58.944	58.508	60.654	60.655	1.363
IPI:IPI00165230.1	DAZAP1	Isoform 1 of DAZ-associated protein 1	1	41.771	37.032	40.152	38.449	38.181	36.765	39.652	2.409
IPI:IPI00165261.6	SCFD1	Sec1 family domain-containing protein 1	17	622.693	697.284	638.818	775.325	709.428	776.839	652.932	39.247
IPI:IPI00165309.5	GTF2H5	General transcription factor IIH subunit 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165314.7	LOC1001321	hypothetical protein, partial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165357.4	MTA3	Isoform 1 of Metastasis-associated protein MTA3	1	17.061	17.036	21.908	16.031	19.140	14.677	18.668	2.805
IPI:IPI00165360.5	MPST	3-mercaptopyruvate sulfurtransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165393.1	ANP32E	Acidic leucine-rich nuclear phosphoprotein 32 family member E	7	719.813	649.840	695.333	524.407	572.755	540.080	688.329	35.508
IPI:IPI00165394.3	TSPAN14	Isoform 2 of Tetraspanin-14	1	25.888	28.421	26.591	61.546	63.107	57.158	26.967	1.308
IPI:IPI00165434.4	YLPM1	YLP motif containing 1	4	86.022	91.788	76.603	81.840	78.971	80.535	84.804	7.665
IPI:IPI00165459.7	SETD1B	Histone-lysine N-methyltransferase SETD1B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165506.4	POLDIP2	Polymerase delta-interacting protein 2	1	105.898	110.728	103.175	112.236	109.020	118.541	106.600	3.825
IPI:IPI00165587.3	LGALS8	galectin-8 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165616.4	SENP8	Sentrin-specific protease 8	1	33.547	40.203	34.403	50.421	34.423	45.213	36.051	3.621
IPI:IPI00165946.1	MAGI1	Isoform 2 of Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1	1	100.832	101.140	103.949	106.938	107.273	103.927	101.974	1.718
IPI:IPI00165949.2	ERAP1	Isoform 2 of Endoplasmic reticulum aminopeptidase 1	3	301.519	281.985	300.446	268.763	301.051	280.517	294.650	10.981
IPI:IPI00165970.1	DGCR8	Isoform 1 of Protein DGCR8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165981.1	ZNFX1	Isoform 1 of NFX1-type zinc finger-containing protein 1	2	161.036	165.032	162.261	170.540	184.921	180.563	162.776	2.047
IPI:IPI00165984.4	WDR35	Isoform 1 of WD repeat-containing protein 35	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00165995.6	SFRS18	Isoform 1 of Splicing factor, arginine/serine-rich 18	1	43.423	37.798	46.353	31.473	45.034	36.641	42.525	4.348
IPI:IPI00166009.2	KDM2A	Isoform 1 of Lysine-specific demethylase 2A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166010.6	CNOT1	Isoform 1 of CCR4-NOT transcription complex subunit 1	8	331.120	333.089	327.157	326.328	331.993	345.913	330.455	3.021
IPI:IPI00166013.1	C20orf4	Uncharacterized protein C20orf4	1	37.364	34.837	41.856	33.037	43.426	35.057	38.019	3.555
IPI:IPI00166044.1	RPTOR	Isoform 1 of Regulatory-associated protein of mTOR	3	158.759	154.089	149.399	161.614	166.604	162.472	154.082	4.680
IPI:IPI00166051.5	FAM177A1	Protein FAM177A1	3	81.619	89.982	90.936	84.389	73.121	82.010	87.512	5.126
IPI:IPI00166079.4	VKORC1L1	Vitamin K epoxide reductase complex subunit 1-like protein 1	1	99.426	104.086	95.654	98.055	87.780	99.935	99.722	4.224
IPI:IPI00166121.2	CCDC52	Coiled-coil domain-containing protein 52	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166123.4	TTC5	Tetratricopeptide repeat protein 5	1	5.878	9.160	7.616	5.645	4.521	5.395	7.551	1.642
IPI:IPI00166132.3	VPS52	Vacuolar protein sorting-associated protein 52 homolog	1	21.716	23.905	21.022	27.094	25.432	25.720	22.214	1.505
IPI:IPI00166153.3	FTSJD2	FtsJ methyltransferase domain-containing protein 2	1	18.228	20.260	17.801	14.631	15.862	18.145	18.763	1.314
IPI:IPI00166394.1	ARMC10	Isoform 1 of Armadillo repeat-containing protein 10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166395.4	ACSF3	Isoform 1 of Acyl-CoA synthetase family member 3, mitochondrial	1	72.398	80.693	66.907	94.266	70.025	91.663	73.333	6.940
IPI:IPI00166468.2	TAPT1	transmembrane anterior posterior transformation 1	1	39.389	35.277	37.684	37.037	38.728	40.642	37.450	2.066
IPI:IPI00166500.3	PIAS4	E3 SUMO-protein ligase PIAS4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166518.6	MPRIP	Isoform 3 of Myosin phosphatase Rho-interacting protein	21	1,210.270	1,206.290	1,194.390	1,054.690	1,061.120	1,094.650	1,203.650	8.263
IPI:IPI00166526.4	APITD1	Isoform 1 of Centromere protein S	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166528.4	RICTOR	Isoform 3 of Rapamycin-insensitive companion of mTOR	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166642.3	D2HGDH	Isoform 1 of D-2-hydroxyglutarate dehydrogenase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166680.1	MINK1	Isoform 3 of Misshapen-like kinase 1	3	76.786	71.773	75.092	73.960	68.158	80.603	74.550	2.550
IPI:IPI00166710.4	ZCCHC7	Isoform 2 of Zinc finger CCHC domain-containing protein 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166738.1	ZADH2	Zinc-binding alcohol dehydrogenase domain-containing protein 2	1	36.683	39.549	33.087	36.565	38.996	39.920	36.440	3.238
IPI:IPI00166746.3	TMEM199	Transmembrane protein 199	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166749.3	PMPCA	Mitochondrial-processing peptidase subunit alpha	2	115.784	97.008	110.713	120.865	104.896	119.983	107.835	9.713
IPI:IPI00166784.2	NSMCE2	E3 SUMO-protein ligase NSE2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166785.2	MMGT1	Isoform 2 of Membrane magnesium transporter 1	1	79.147	86.681	88.814	97.349	89.441	98.964	84.881	5.079
IPI:IPI00166789.5	PAOX	Isoform 1 of Peroxisomal N(1)-acetyl-spermine/spermidine oxidase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166790.1	TMEM181	TMEM181 protein (Fragment)	1	45.357	45.089	39.999	62.951	60.094	67.370	43.482	3.019
IPI:IPI00166807.3	OXR1	Isoform 3 of Oxidation resistance protein 1	3	88.956	105.111	90.421	102.476	81.500	99.858	94.829	8.934

IPI:IPI00165026.3	263.959	25.932	0.031	0.75760537	3	189.103	207.860	186.664	254.577	231.530	240.597	194.542	11.598	242.235	11.610	0.316	0.00732498
IPI:IPI00165041.5	0.000	0.000	n/a	n/a	4	227.945	222.919	227.176	228.896	219.459	224.975	226.013	2.707	224.443	4.741	-0.010	0.65176004
IPI:IPI00165073.8	26.195	2.885	0.056	0.64644855	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00165092.3	115.304	3.730	-0.042	0.57984453	9	406.520	374.811	404.340	416.839	459.678	415.103	395.224	17.711	430.540	25.249	0.123	0.12667179
IPI:IPI00165138.1	59.368	1.134	-0.031	0.27939250	2	138.092	151.561	130.074	110.736	96.910	106.963	139.909	10.858	104.870	7.147	-0.416	0.01344754
IPI:IPI00165230.1	37.798	0.905	-0.069	0.31504096	7	219.412	277.483	216.271	348.871	248.509	329.015	237.722	34.470	308.798	53.148	0.377	0.13563068
IPI:IPI00165261.6	753.864	38.490	0.207	0.03356521	15	434.259	437.304	441.217	383.662	394.511	395.179	437.593	3.488	391.117	6.465	-0.162	0.00146295
IPI:IPI00165309.5	0.000	0.000	n/a	n/a	1	5.170	4.694	3.885	4.527	2.663	3.701	4.583	0.650	3.630	0.934	-0.336	0.22890895
IPI:IPI00165314.7	0.000	0.000	n/a	n/a	3	88.703	82.187	87.365	110.062	117.655	114.419	86.085	3.442	114.045	3.810	0.406	0.00074108
IPI:IPI00165357.4	16.616	2.288	-0.168	0.38408690	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00165360.5	0.000	0.000	n/a	n/a	3	121.640	139.192	123.645	145.532	122.307	141.444	128.159	9.607	136.428	12.399	0.090	0.41590322
IPI:IPI00165393.1	545.747	24.667	-0.335	0.00654276	19	507.529	493.143	519.916	507.934	465.774	487.873	506.863	13.399	487.194	21.088	-0.057	0.25641141
IPI:IPI00165394.3	60.604	3.084	1.168	0.00075945	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00165434.4	80.449	1.437	-0.076	0.42975732	12	423.304	387.286	431.466	395.062	454.554	414.949	414.019	23.508	421.522	30.286	0.026	0.75513294
IPI:IPI00165459.7	0.000	0.000	n/a	n/a	1	18.223	16.863	16.220	20.003	19.266	19.802	17.102	1.023	19.691	0.381	0.203	0.03572782
IPI:IPI00165506.4	113.266	4.843	0.087	0.13859424	3	132.635	127.174	132.201	143.917	175.596	153.531	130.670	3.035	157.681	16.242	0.271	0.09789071
IPI:IPI00165587.3	0.000	0.000	n/a	n/a	6	349.420	348.326	349.342	479.070	480.732	483.272	349.029	0.610	481.025	2.116	0.463	0.00002532
IPI:IPI00165616.4	43.352	8.159	0.266	0.25967543	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00165946.1	106.046	1.843	0.056	0.04916281	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00165949.2	283.444	16.342	-0.056	0.38748239	8	420.751	419.498	405.754	593.069	579.271	593.875	415.334	8.320	588.738	8.209	0.503	0.00001377
IPI:IPI00165970.1	0.000	0.000	n/a	n/a	1	11.595	12.952	14.585	18.471	16.236	19.921	13.044	1.497	18.209	1.857	0.481	0.02157945
IPI:IPI00165981.1	178.675	7.374	0.134	0.05587254	4	200.111	206.690	196.147	334.711	292.939	326.905	200.983	5.325	318.185	22.209	0.663	0.00879056
IPI:IPI00165984.4	0.000	0.000	n/a	n/a	3	42.588	42.996	45.607	46.349	46.682	51.043	43.731	1.638	48.025	2.619	0.135	0.08642247
IPI:IPI00165995.6	37.716	6.844	-0.173	0.37251515	2	112.517	104.882	104.552	88.531	82.420	90.299	107.317	4.506	87.083	4.134	-0.301	0.00470047
IPI:IPI00166009.2	0.000	0.000	n/a	n/a	5	123.455	124.556	119.406	127.137	136.125	134.669	122.472	2.712	132.644	4.824	0.115	0.04689619
IPI:IPI00166010.6	334.745	10.078	0.019	0.54370111	17	481.915	484.635	479.900	501.201	506.982	501.935	482.150	2.376	503.373	3.147	0.062	0.00103797
IPI:IPI00166013.1	37.173	5.508	-0.032	0.83603615	10	220.268	208.176	219.258	254.846	248.240	242.386	215.901	6.709	248.491	6.234	0.203	0.00358144
IPI:IPI00166044.1	163.563	2.668	0.086	0.05153574	2	79.746	82.159	80.719	116.423	114.968	119.734	80.875	1.214	117.042	2.442	0.533	0.00021166
IPI:IPI00166051.5	79.840	5.939	-0.132	0.16746989	1	11.335	9.637	10.384	9.529	11.367	9.422	10.452	0.851	10.106	1.094	-0.049	0.68957128
IPI:IPI00166079.4	95.256	6.543	-0.066	0.38643015	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166121.2	0.000	0.000	n/a	n/a	1	24.730	29.580	30.029	35.917	40.979	35.318	28.113	2.939	37.405	3.110	0.412	0.01990512
IPI:IPI00166123.4	5.187	0.591	-0.542	0.11775559	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166132.3	26.082	0.888	0.232	0.02724019	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166153.3	16.212	1.783	-0.211	0.12311644	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166394.1	0.000	0.000	n/a	n/a	2	62.122	65.359	56.091	77.904	76.520	72.015	61.191	4.703	75.480	3.080	0.303	0.01618516
IPI:IPI00166395.4	85.318	13.308	0.218	0.26056734	1	37.789	45.899	34.729	40.795	30.744	39.677	39.472	5.772	37.072	5.509	-0.091	0.63010853
IPI:IPI00166468.2	38.802	1.804	0.051	0.44215608	3	156.897	144.686	146.354	240.626	235.963	249.077	149.312	6.621	241.889	6.648	0.696	0.00006969
IPI:IPI00166500.3	0.000	0.000	n/a	n/a	2	14.784	14.016	16.089	21.922	22.751	22.648	14.963	1.048	22.440	0.452	0.585	0.00228318
IPI:IPI00166518.6	1,070.153	21.457	-0.170	0.00387852	6	131.286	142.370	144.290	132.746	143.201	138.304	139.315	7.020	138.084	5.231	-0.013	0.82044273
IPI:IPI00166526.4	0.000	0.000	n/a	n/a	2	9.580	10.243	9.260	10.498	7.577	10.365	9.694	0.501	9.480	1.650	-0.032	0.85069033
IPI:IPI00166528.4	0.000	0.000	n/a	n/a	3	83.969	89.848	84.810	114.487	113.980	122.420	86.209	3.180	116.962	4.733	0.440	0.00135274
IPI:IPI00166642.3	0.000	0.000	n/a	n/a	2	17.175	19.991	17.617	27.239	24.799	23.519	18.261	1.514	25.186	1.890	0.464	0.00873072
IPI:IPI00166680.1	74.240	6.227	-0.006	0.94238389	3	150.194	165.997	151.261	226.209	208.559	213.539	155.817	8.832	216.102	9.100	0.472	0.00119482
IPI:IPI00166710.4	0.000	0.000	n/a	n/a	4	170.910	160.628	167.109	208.095	202.150	206.121	166.216	5.199	205.455	3.028	0.306	0.00107153
IPI:IPI00166738.1	38.494	1.733	0.079	0.40296997	1	43.369	41.200	48.279	18.015	22.358	20.209	44.283	3.627	20.194	2.171	-1.133	0.00152433
IPI:IPI00166746.3	0.000	0.000	n/a	n/a	2	88.179	108.646	94.772	126.844	113.933	129.591	97.199	10.447	123.456	8.361	0.345	0.02942434
IPI:IPI00166749.3	115.248	8.976	0.096	0.38735375	5	113.547	114.256	107.425	74.177	71.086	82.793	111.743	3.756	76.018	6.067	-0.556	0.00211939
IPI:IPI00166784.2	0.000	0.000	n/a	n/a	2	98.497	96.127	101.808	108.240	114.296	104.591	98.811	2.854	109.042	4.902	0.142	0.04767753
IPI:IPI00166785.2	95.251	5.097	0.166	0.06708756	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166789.5	0.000	0.000	n/a	n/a	2	285.926	247.167	293.528	5.159	18.005	16.280	275.540	24.864	13.148	6.972	-4.389	0.00163351
IPI:IPI00166790.1	63.472	3.666	0.546	0.00218265	1	56.679	68.913	56.201	86.698	62.427	88.261	60.598	7.205	79.129	14.485	0.385	0.14391793
IPI:IPI00166807.3	94.611	11.430	-0.003	0.98062873	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00166833.3	LASS5	LAG1 longevity assurance homolog 5	1	156.218	140.735	148.439	141.836	137.738	137.007	148.464	7.742
IPI:IPI00166835.3	FAM26E	Protein FAM26E	5	334.001	394.068	330.925	407.943	337.227	409.492	352.998	35.601
IPI:IPI00166865.3	CISD2	CDGSH iron sulfur domain-containing protein 2	6	411.355	379.800	407.269	392.833	437.443	415.750	399.475	17.161
IPI:IPI00166873.3	C9orf23	Alba-like protein C9orf23	1	53.094	50.806	46.872	52.989	45.606	56.804	50.257	3.147
IPI:IPI00166874.3	DDX39	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39, isoform CRA_c	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166931.5	PRUNE	Isoform 1 of Protein prune homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166933.1	C10orf12	Uncharacterized protein C10orf12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166945.3	FAM101B	Protein FAM101B	1	33.746	33.913	36.721	25.304	24.376	30.297	34.793	1.671
IPI:IPI00166956.5	TBCEL	Tubulin-specific chaperone cofactor E-like protein	2	112.333	117.452	125.112	141.477	147.297	121.162	118.299	6.431
IPI:IPI00166976.3	LACE1	Lactation elevated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00166996.6	SYVN1	Isoform 1 of E3 ubiquitin-protein ligase synoviolin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00167009.3	MAP7D1	Isoform 3 of MAP7 domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00167030.3	KRTCAP2	Keratinocyte-associated protein 2	1	52.484	51.973	46.858	55.500	46.207	57.295	50.439	3.111
IPI:IPI00167368.2	NARG1L	Isoform 1 of NMDA receptor-regulated 1-like protein	2	79.322	75.227	81.989	87.548	83.502	91.276	78.846	3.406
IPI:IPI00167419.9	ANKRD44	Isoform 2 of Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B	3	210.212	248.056	217.581	298.763	230.102	274.033	225.283	20.063
IPI:IPI00167515.1	PTGR2	Isoform 1 of Prostaglandin reductase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00167549.3	C11orf46	Uncharacterized protein C11orf46	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00167560.2	PAPD4	Isoform 1 of Poly(A) RNA polymerase GLD2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00167572.4	FAM98B	Protein FAM98B	5	276.890	298.458	320.180	275.859	273.675	256.856	298.509	21.645
IPI:IPI00167592.3	C19orf66	Isoform 2 of UPF0515 protein C19orf66	2	116.307	110.345	119.271	130.080	132.302	137.884	115.308	4.546
IPI:IPI00167638.4	GTPBP10	Isoform 1 of GTP-binding protein 10	1	18.601	15.504	17.351	17.951	21.859	21.394	17.152	1.558
IPI:IPI00167753.1	DIS3L2	Isoform 3 of DIS3-like exonuclease 2	2	119.329	119.424	123.316	124.087	119.935	115.579	120.690	2.275
IPI:IPI00167764.2	TMEM102	Transmembrane protein 102	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00167804.7	OSBPL6	Isoform 3 of Oxysterol-binding protein-related protein 6	1	9.934	13.312	9.312	24.244	9.523	22.049	10.852	2.152
IPI:IPI00167909.5	EML3	Isoform 1 of Echinoderm microtubule-associated protein-like 3	1	46.978	40.958	41.103	55.621	48.035	49.463	43.013	3.435
IPI:IPI00167941.1	MDN1	Midasin	2	17.801	19.620	18.722	17.950	19.100	18.922	18.714	0.909
IPI:IPI00167985.5	ZNF579	Zinc finger protein 579	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00167998.3	C1orf55	Isoform 1 of UPF0667 protein C1orf55	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168047.3	FAM73A	FAM73A protein	1	27.005	26.494	24.180	24.256	27.919	28.593	25.893	1.506
IPI:IPI00168165.3	CLASP2	CLIP-associated protein 2 delta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168184.8	PPP2R1A	cDNA FLJ34068 fis, clone FCBBF3001918, highly similar to SERINE/THREONINE PROTEIN PHOSPHATASE 2A, 65 kDa REGULATORY SUBUNIT A, ALPHA ISOFORM	23	1,842.600	1,930.150	1,883.360	2,050.590	1,994.230	1,853.780	1,885.370	43.810
IPI:IPI00168209.3	DTWD2	DTW domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168262.2	GLT25D1	Glycosyltransferase 25 family member 1	18	1,174.960	1,231.090	1,191.150	1,258.520	1,229.520	1,274.740	1,199.067	28.890
IPI:IPI00168317.1	SPC24	Kinetochore protein Spc24	2	306.460	291.367	323.050	183.615	196.449	199.699	306.959	15.847
IPI:IPI00168336.1	LEMD2	LEM domain-containing protein 2	2	124.760	138.852	129.686	148.420	128.581	148.761	131.099	7.152
IPI:IPI00168340.4	SLC38A9	Isoform 1 of Putative sodium-coupled neutral amino acid transporter 9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168347.7	GRAMD1A	Isoform 3 of GRAM domain-containing protein 1A	2	53.101	59.753	53.395	74.569	60.817	71.158	55.416	3.759
IPI:IPI00168383.3	C9orf75	hypothetical protein LOC286262 isoform 2	1	2.396	2.276	2.931	4.944	0.000	5.128	2.534	0.349
IPI:IPI00168407.3	PDPR	Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial	2	88.448	69.219	84.917	102.209	122.772	100.121	80.861	10.236
IPI:IPI00168459.5	PHLDB2	Isoform 2 of Pleckstrin homology-like domain family B member 2	1	66.227	72.905	60.793	58.131	52.610	51.794	66.642	6.067
IPI:IPI00168479.3	APOA1BP	cDNA FLJ56357, highly similar to Homo sapiens apolipoprotein A-I binding protein (APOA1BP), mRNA	3	205.603	207.956	207.604	223.154	246.021	224.746	207.054	1.269
IPI:IPI00168489.6	NRBP2	cDNA FLJ60460, moderately similar to Nuclear receptor-binding protein	1	28.691	25.487	28.474	30.398	30.837	30.548	27.551	1.790
IPI:IPI00168501.3	ZC3H14	Isoform 4 of Zinc finger CCCH domain-containing protein 14	4	290.390	319.029	305.768	295.070	260.176	301.877	305.062	14.333
IPI:IPI00168565.2	CNNM3	Isoform 1 of Metal transporter CNNM3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168603.2	CHDH	Choline dehydrogenase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168631.1	C3orf58	UPF0672 protein C3orf58	1	40.010	46.360	42.048	60.768	43.098	60.658	42.806	3.242
IPI:IPI00168691.7	SHCBP1	SHC SH2 domain-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168698.1	PDZD8	PDZ domain-containing protein 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168806.3	MLL3	Isoform 1 of Histone-lysine N-methyltransferase MLL3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00166833.3	138.860	2.603	-0.096	0.15505359	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166835.3	384.887	41.282	0.125	0.36989674	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166865.3	415.342	22.308	0.056	0.38749448	11	534.065	497.823	512.542	513.863	503.082	510.721	514.810	18.227	509.222	5.545	-0.016	0.65801654
IPI:IPI00166873.3	51.800	5.693	0.044	0.70795367	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166874.3	0.000	0.000	n/a	n/a	5	208.485	239.016	194.677	255.179	203.658	242.068	214.059	22.689	233.635	26.776	0.126	0.39155366
IPI:IPI00166931.5	0.000	0.000	n/a	n/a	1	52.185	54.159	50.503	31.021	27.148	30.842	52.282	1.830	29.670	2.186	-0.817	0.00019673
IPI:IPI00166933.1	0.000	0.000	n/a	n/a	2	59.068	56.293	61.878	53.670	61.903	65.595	59.080	2.792	60.389	6.105	0.032	0.76042365
IPI:IPI00166945.3	26.659	3.184	-0.384	0.02916919	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00166956.5	136.645	13.721	0.208	0.13298335	1	47.864	51.878	40.548	36.269	29.120	31.967	46.763	5.745	32.452	3.599	-0.527	0.02922804
IPI:IPI00166976.3	0.000	0.000	n/a	n/a	3	48.147	57.991	49.925	54.920	46.487	50.196	52.021	5.246	50.534	4.227	-0.042	0.72342379
IPI:IPI00166996.6	0.000	0.000	n/a	n/a	1	20.244	22.942	16.875	27.844	35.306	27.571	20.020	3.040	30.240	4.389	0.595	0.03515518
IPI:IPI00167009.3	0.000	0.000	n/a	n/a	10	422.503	400.958	437.448	264.254	266.716	254.906	420.303	18.344	261.959	6.231	-0.682	0.00205018
IPI:IPI00167030.3	53.001	5.951	0.071	0.55604233	1	17.464	18.856	16.101	1.963	3.517	0.000	17.474	1.377	1.827	1.762	-3.258	0.00036706
IPI:IPI00167368.2	87.442	3.888	0.149	0.04605678	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00167419.9	267.633	34.775	0.249	0.15997822	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00167515.1	0.000	0.000	n/a	n/a	4	134.391	137.113	142.044	164.166	157.518	169.946	137.849	3.879	163.877	6.219	0.250	0.00621565
IPI:IPI00167549.3	0.000	0.000	n/a	n/a	2	95.532	88.958	92.435	70.488	72.413	79.354	92.308	3.289	74.085	4.664	-0.317	0.00710790
IPI:IPI00167560.2	0.000	0.000	n/a	n/a	1	23.175	24.165	23.135	32.673	33.582	31.899	23.492	0.583	32.718	0.842	0.478	0.00021022
IPI:IPI00167572.4	268.797	10.398	-0.151	0.12588843	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00167592.3	133.422	4.021	0.211	0.00695580	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00167638.4	20.401	2.134	0.250	0.10672603	7	438.182	402.391	438.366	480.716	520.814	499.000	426.313	20.717	500.177	20.075	0.231	0.01142062
IPI:IPI00167753.1	119.867	4.254	-0.010	0.78783353	2	81.099	66.845	74.461	87.720	96.277	92.461	74.135	7.132	92.153	4.287	0.314	0.02845032
IPI:IPI00167764.2	0.000	0.000	n/a	n/a	1	19.205	18.487	19.028	19.790	19.710	19.321	18.907	0.374	19.607	0.251	0.052	0.06302628
IPI:IPI00167804.7	18.606	7.942	0.778	0.22836517	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00167909.5	51.040	4.031	0.247	0.06001514	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00167941.1	18.657	0.619	-0.004	0.93331304	7	193.975	201.874	201.111	218.849	231.106	221.516	198.987	4.357	223.824	6.446	0.170	0.00759751
IPI:IPI00167985.5	0.000	0.000	n/a	n/a	3	241.800	237.497	258.292	232.002	255.621	236.406	245.863	10.977	241.343	12.560	-0.027	0.66413684
IPI:IPI00167998.3	0.000	0.000	n/a	n/a	1	23.313	18.856	23.548	21.930	23.250	23.906	21.906	2.644	23.029	1.006	0.072	0.54950716
IPI:IPI00168047.3	26.923	2.334	0.056	0.56182486	1	70.690	69.890	71.962	70.613	71.620	77.281	70.847	1.045	73.171	3.595	0.047	0.38147323
IPI:IPI00168165.3	0.000	0.000	n/a	n/a	3	50.575	40.369	47.336	63.678	64.122	67.324	46.093	5.216	65.041	1.989	0.497	0.01493881
IPI:IPI00168184.8	1,966.200	101.355	0.061	0.30265601	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00168209.3	0.000	0.000	n/a	n/a	1	8.222	9.020	8.546	12.764	13.471	14.694	8.596	0.401	13.643	0.977	0.666	0.00572971
IPI:IPI00168262.2	1,254.260	22.909	0.065	0.06388359	7	338.329	351.388	365.000	166.102	172.293	173.358	351.572	13.336	170.584	3.918	-1.043	0.00086709
IPI:IPI00168317.1	193.254	8.505	-0.668	0.00150634	4	123.740	135.760	125.077	159.581	136.892	158.047	128.192	6.588	151.507	12.680	0.241	0.06637509
IPI:IPI00168336.1	141.921	11.554	0.114	0.25399813	2	87.574	111.116	86.894	145.992	93.786	134.255	95.195	13.793	124.678	27.389	0.389	0.19599441
IPI:IPI00168340.4	0.000	0.000	n/a	n/a	2	47.453	50.121	41.873	38.302	36.694	39.305	46.482	4.209	38.100	1.317	-0.287	0.06369048
IPI:IPI00168347.7	68.848	7.161	0.313	0.06329171	1	22.223	28.808	31.960	16.264	22.023	17.517	27.664	4.968	18.601	3.029	-0.573	0.06680392
IPI:IPI00168383.3	3.357	2.909	0.406	0.67381319	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00168407.3	108.367	12.518	0.422	0.04428803	3	188.221	190.617	201.975	202.558	191.866	205.042	193.604	7.348	199.822	7.001	0.046	0.34967401
IPI:IPI00168459.5	54.178	3.447	-0.299	0.04990122	1	7.055	7.063	7.027	4.735	6.981	6.879	7.048	0.019	6.198	1.268	-0.185	0.36545113
IPI:IPI00168479.3	231.307	12.768	0.160	0.08009298	13	461.349	473.141	475.142	680.730	614.057	657.234	469.877	7.453	650.674	33.817	0.470	0.00893983
IPI:IPI00168489.6	30.594	0.223	0.151	0.09640578	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00168501.3	285.708	22.371	-0.095	0.28665006	10	335.815	314.922	329.323	320.378	321.770	334.137	326.687	10.693	325.428	7.574	-0.006	0.87778817
IPI:IPI00168565.2	0.000	0.000	n/a	n/a	1	12.968	13.850	12.716	14.231	18.892	19.440	13.178	0.596	17.521	2.862	0.411	0.11389737
IPI:IPI00168603.2	0.000	0.000	n/a	n/a	5	99.857	97.146	109.314	93.971	111.167	95.051	102.105	6.388	100.063	9.632	-0.029	0.77720286
IPI:IPI00168631.1	54.841	10.170	0.357	0.16840166	1	40.569	40.444	51.139	62.841	59.835	59.230	44.051	6.139	60.635	1.934	0.461	0.03323506
IPI:IPI00168691.7	0.000	0.000	n/a	n/a	1	3.946	4.047	5.882	5.073	6.700	5.100	4.625	1.090	5.624	0.932	0.282	0.29598618
IPI:IPI00168698.1	0.000	0.000	n/a	n/a	1	30.189	31.625	31.808	27.217	32.828	33.220	31.207	0.886	31.088	3.358	-0.006	0.95863842
IPI:IPI00168806.3	0.000	0.000	n/a	n/a	2	108.425	91.003	102.317	90.170	106.582	90.772	100.582	8.840	95.842	9.306	-0.070	0.56126202

IPI:IPI00168848.1	B3GNT7	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00168878.1	TOR1AIP2	Torsin-1A-interacting protein 2	7	401.058	428.706	416.898	440.345	413.522	430.878	415.554	13.873
IPI:IPI00168884.3	ATP6AP2	Renin receptor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00169283.1	MOSPD2	Isoform 1 of Motile sperm domain-containing protein 2	10	292.245	286.058	270.368	382.795	368.429	382.564	282.890	11.277
IPI:IPI00169285.6	PLBD2	Putative phospholipase B-like 2	3	178.632	194.331	161.873	143.538	127.834	147.058	178.279	16.232
IPI:IPI00169294.3	RASSF8	Isoform 1 of Ras association domain-containing protein 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00169307.6	ARHGAP21	Rho GTPase activating protein 21	2	77.726	83.322	81.386	100.153	99.601	99.917	80.811	2.842
IPI:IPI00169325.1	WDR36	WD repeat-containing protein 36	1	71.451	79.595	75.097	74.732	77.872	84.066	75.381	4.079
IPI:IPI00169345.3	NEDD1	Protein NEDD1	3	252.128	231.769	249.413	201.683	216.796	216.894	244.437	11.054
IPI:IPI00169383.3	PGK1	Phosphoglycerate kinase 1	86	5,142.260	5,370.190	5,396.660	5,503.470	5,515.120	5,278.170	5,303.037	139.864
IPI:IPI00169400.1	MRPS5	Isoform 1 of 28S ribosomal protein S5, mitochondrial	2	272.799	279.815	269.325	280.225	260.836	287.927	273.980	5.344
IPI:IPI00169413.1	MRPS34	28S ribosomal protein S34, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00169430.2	STRBP	Isoform 1 of Spermatid perinuclear RNA-binding protein	2	42.247	36.495	37.892	141.127	151.212	150.251	38.878	3.000
IPI:IPI00169441.4	CLEC16A	Isoform 1 of Protein CLEC16A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00170429.3	OGFOD1	Isoform 1 of 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1	1	52.746	49.700	53.636	40.225	47.452	42.842	52.028	2.064
IPI:IPI00170503.2	C17orf42	Isoform 1 of UPF0629 protein C17orf42	1	9.738	12.216	11.225	14.254	10.877	11.257	11.060	1.247
IPI:IPI00170517.1	TMEM115	Transmembrane protein 115	3	90.790	121.316	89.103	152.474	113.393	146.588	100.403	18.131
IPI:IPI00170594.5	AHCTF1;AHC	Isoform 1 of AT-hook-containing transcription factor 1	5	170.417	156.809	169.339	142.641	158.312	147.730	165.522	7.565
IPI:IPI00170596.1	SIN3A	Paired amphipathic helix protein Sin3a	3	225.485	223.908	221.036	224.184	206.858	225.909	223.476	2.256
IPI:IPI00170692.4	VAPA	Vesicle-associated membrane protein-associated protein A	23	1,681.300	1,535.440	1,607.320	1,717.920	1,821.760	1,744.680	1,608.020	72.933
IPI:IPI00170706.2	TMEM2	Transmembrane protein 2	4	181.378	226.217	185.617	251.517	179.835	242.591	197.737	24.755
IPI:IPI00170766.4	CASC5	Isoform 2 of Protein CASC5	1	92.148	77.992	85.264	79.252	92.361	83.336	85.135	7.079
IPI:IPI00170770.2	PHF3	Isoform 1 of PHD finger protein 3	1	46.986	48.205	49.837	54.783	50.796	53.215	48.342	1.430
IPI:IPI00170778.4	FNBP4	Formin-binding protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00170786.1	WBP11	WW domain-binding protein 11	7	427.117	407.409	428.144	366.823	368.154	375.971	420.890	11.686
IPI:IPI00170796.1	VPS29	Isoform 1 of Vacuolar protein sorting-associated protein 29	5	342.652	313.410	350.165	349.606	411.317	373.273	335.409	19.419
IPI:IPI00170855.2	TTC19	Tetratricopeptide repeat protein 19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00170867.3	DAXX	Isoform 1 of Death domain-associated protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00170924.2	HINT3	Histidine triad nucleotide-binding protein 3	1	42.033	37.932	40.206	51.198	51.691	53.410	40.057	2.054
IPI:IPI00170935.1	LRRC47	Leucine-rich repeat-containing protein 47	8	394.313	392.047	399.722	444.066	439.383	448.035	395.361	3.943
IPI:IPI00170972.2	C9orf64	UPF0553 protein C9orf64	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171044.8	SLFN11	Schlafen family member 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171087.7	SRBD1	Isoform 1 of S1 RNA-binding domain-containing protein 1	1	76.829	62.432	64.572	68.520	74.361	77.549	67.944	7.769
IPI:IPI00171117.5	COMMD1	COMM domain-containing protein 1	1	87.435	78.558	92.974	89.074	103.192	91.038	86.322	7.272
IPI:IPI00171127.1	UBAP2	Ubiquitin-associated protein 2	3	248.844	243.301	272.202	223.553	224.304	227.310	254.782	15.338
IPI:IPI00171134.5	CCDC88A	Isoform 1 of Girdin	3	102.669	90.930	93.597	83.762	79.641	90.985	95.732	6.154
IPI:IPI00171145.7	SPIRE1	Isoform 1 of Protein spire homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171199.5	PSMA3	Isoform 2 of Proteasome subunit alpha type-3	10	917.508	861.039	886.269	1,037.760	1,067.420	1,066.670	888.272	28.288
IPI:IPI00171224.4	CEP120	Isoform 2 of Centrosomal protein of 120 kDa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171248.1	EED	Isoform 3 of Polycomb protein EED	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171252.4	EZH2	enhancer of zeste 2 isoform b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171273.3	MTMR3	Isoform A of Myotubularin-related protein 3	1	6.632	6.554	8.525	10.104	7.953	10.017	7.237	1.116
IPI:IPI00171336.3	RIOK1	Serine/threonine-protein kinase RIO1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171390.2	PRPF38A	Isoform 1 of Pre-mRNA-splicing factor 38A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171407.4	STXBP5	Isoform 1 of Syntaxin-binding protein 5	3	72.505	74.958	73.748	55.192	62.927	59.477	73.737	1.226
IPI:IPI00171410.1	C3orf21	Isoform 1 of Uncharacterized protein C3orf21	1	97.637	89.508	93.180	96.495	118.486	98.712	93.441	4.071
IPI:IPI00171411.4	GOLM1	Golgi membrane protein 1	2	40.279	44.018	41.525	43.723	38.796	42.329	41.940	1.904
IPI:IPI00171412.2	SUMF2	sulfatase modifying factor 2 isoform b precursor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171438.2	TXNDC5;MUT	Thioredoxin domain-containing protein 5	27	1,458.200	1,358.040	1,487.290	1,329.470	1,306.840	1,271.350	1,434.510	67.803
IPI:IPI00171443.1	ALG2	Isoform 2 of Alpha-1,3-mannosyltransferase ALG2	3	326.105	303.372	338.402	354.490	395.889	376.596	322.626	17.772
IPI:IPI00171445.1	ATAD1	Isoform 1 of ATPase family AAA domain-containing protein 1	3	295.665	256.738	293.289	312.895	362.724	312.108	281.897	21.821
IPI:IPI00171475.2	NFATC2IP	Isoform 1 of NFATC2-interacting protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00168848.1	0.000	0.000	n/a	n/a	1	68.659	56.415	69.851	130.924	157.101	141.618	64.975	7.437	143.214	13.161	1.140	0.00238439
IPI:IPI00168878.1	428.248	13.603	0.043	0.32191759	16	933.264	968.800	934.499	1,007.020	1,029.690	1,003.130	945.521	20.170	1,013.280	14.344	0.100	0.01157195
IPI:IPI00168884.3	0.000	0.000	n/a	n/a	2	63.549	66.296	67.492	60.825	77.273	74.103	65.779	2.022	70.734	8.726	0.105	0.43153942
IPI:IPI00169283.1	377.929	8.228	0.418	0.00048619	1	20.434	30.508	21.100	14.914	16.653	17.579	24.014	5.634	16.382	1.353	-0.552	0.13712096
IPI:IPI00169285.6	139.477	10.235	-0.354	0.03279998	1	82.489	77.920	83.382	20.735	28.420	28.124	81.264	2.930	25.759	4.354	-1.658	0.00013314
IPI:IPI00169294.3	0.000	0.000	n/a	n/a	1	48.298	53.448	55.695	63.701	59.556	68.756	52.480	3.792	64.004	4.607	0.286	0.03036103
IPI:IPI00169307.6	99.891	0.277	0.306	0.00691372	1	35.721	32.960	40.443	40.522	46.483	42.483	36.375	3.784	43.163	3.038	0.247	0.07567083
IPI:IPI00169325.1	78.890	4.749	0.066	0.38849978	7	372.861	379.631	391.949	518.841	491.983	512.014	381.480	9.677	507.613	13.959	0.412	0.00041126
IPI:IPI00169345.3	211.791	8.754	-0.207	0.01772444	6	172.996	168.203	168.301	211.915	220.173	215.358	169.833	2.739	215.815	4.148	0.346	0.00022578
IPI:IPI00169383.3	5,432.253	133.567	0.035	0.31194254	170	7,350.570	7,412.500	7,329.880	7,254.260	7,274.240	7,255.500	7,364.317	42.991	7,261.333	11.195	-0.020	0.04586978
IPI:IPI00169400.1	276.329	13.959	0.012	0.80583831	2	93.854	92.479	85.510	63.284	63.285	63.578	90.614	4.474	63.382	0.170	-0.516	0.00880454
IPI:IPI00169413.1	0.000	0.000	n/a	n/a	1	28.084	31.391	25.592	39.420	31.345	38.711	28.356	2.909	36.492	4.472	0.364	0.06732552
IPI:IPI00169430.2	147.530	5.566	1.924	0.00006980	4	106.478	107.235	109.172	176.497	163.270	177.019	107.628	1.389	172.262	7.792	0.679	0.00385795
IPI:IPI00169441.4	0.000	0.000	n/a	n/a	1	10.523	9.265	6.007	19.292	17.561	19.532	8.598	2.331	18.795	1.075	1.128	0.00770253
IPI:IPI00170429.3	43.506	3.659	-0.258	0.03611919	2	66.766	67.040	61.525	97.638	84.086	87.605	65.110	3.108	89.776	7.032	0.463	0.01439960
IPI:IPI00170503.2	12.130	1.850	0.133	0.45909679	3	64.289	80.593	61.168	118.022	104.964	112.070	68.683	10.431	111.685	6.537	0.701	0.00649080
IPI:IPI00170517.1	137.485	21.071	0.453	0.08353724	7	198.931	174.510	192.251	144.925	153.012	143.101	188.564	12.621	147.013	5.275	-0.359	0.01777126
IPI:IPI00170594.5	149.561	7.994	-0.146	0.06618639	16	693.406	676.645	702.836	655.712	646.945	650.209	690.962	13.265	650.955	4.431	-0.086	0.02527327
IPI:IPI00170596.1	218.984	10.536	-0.029	0.54016511	7	236.964	227.906	243.074	310.897	331.769	325.401	235.981	7.632	322.689	10.697	0.451	0.00057371
IPI:IPI00170692.4	1,761.453	53.914	0.131	0.04740673	34	1,494.530	1,387.710	1,392.580	1,348.100	1,391.930	1,341.890	1,424.940	60.316	1,360.640	27.275	-0.067	0.19812153
IPI:IPI00170706.2	224.648	39.065	0.184	0.38089152	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00170766.4	84.983	6.708	-0.003	0.98009454	12	466.548	436.355	476.321	541.000	569.409	524.326	459.741	20.834	544.912	22.795	0.245	0.00903680
IPI:IPI00170770.2	52.931	2.009	0.131	0.03725259	18	687.939	745.171	698.652	771.786	754.559	741.393	710.587	30.426	755.913	15.242	0.089	0.10646936
IPI:IPI00170778.4	0.000	0.000	n/a	n/a	7	210.400	216.515	204.571	314.855	287.967	316.230	210.495	5.973	306.351	15.936	0.541	0.00438246
IPI:IPI00170786.1	370.316	4.942	-0.185	0.00878980	7	208.965	190.217	203.399	75.173	93.797	91.570	200.860	9.628	86.847	10.171	-1.210	0.00015025
IPI:IPI00170796.1	378.065	31.133	0.173	0.12794385	4	267.297	251.227	272.806	214.768	262.022	218.706	263.777	11.212	231.832	26.219	-0.186	0.15876669
IPI:IPI00170855.2	0.000	0.000	n/a	n/a	1	34.739	34.356	34.631	30.318	33.585	36.794	34.575	0.198	33.566	3.238	-0.043	0.64359502
IPI:IPI00170867.3	0.000	0.000	n/a	n/a	3	251.131	238.490	259.954	176.110	199.141	183.684	249.858	10.788	186.312	11.738	-0.423	0.00237496
IPI:IPI00170924.2	52.100	1.161	0.379	0.00250247	3	84.989	81.673	87.681	82.314	89.844	74.020	84.781	3.010	82.059	7.915	-0.047	0.62272550
IPI:IPI00170935.1	443.828	4.331	0.167	0.00014827	11	532.609	495.122	542.274	584.879	664.503	592.336	523.335	24.906	613.906	43.977	0.230	0.04949814
IPI:IPI00170972.2	0.000	0.000	n/a	n/a	1	97.109	84.658	100.672	100.505	122.618	102.292	94.146	8.408	108.472	12.284	0.204	0.18048090
IPI:IPI00171044.8	0.000	0.000	n/a	n/a	2	62.699	66.546	68.509	74.489	86.994	74.479	65.918	2.955	78.654	7.222	0.255	0.07677332
IPI:IPI00171087.7	73.477	4.579	0.113	0.36182619	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00171117.5	94.435	7.647	0.130	0.25433204	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00171127.1	225.056	1.988	-0.179	0.07615124	14	431.136	484.802	451.962	434.023	424.024	421.380	455.967	27.056	426.476	6.669	-0.096	0.19512486
IPI:IPI00171134.5	84.796	5.742	-0.175	0.08808368	20	612.563	615.984	622.937	772.083	773.513	778.284	617.161	5.286	774.627	3.247	0.328	0.00001056
IPI:IPI00171145.7	0.000	0.000	n/a	n/a	2	30.130	30.837	30.089	38.126	44.694	38.932	30.352	0.420	40.584	3.582	0.419	0.03696909
IPI:IPI00171199.5	1,057.283	16.912	0.251	0.00214715	6	361.375	394.635	351.461	299.673	260.299	284.644	369.157	22.615	281.539	19.870	-0.391	0.00762661
IPI:IPI00171224.4	0.000	0.000	n/a	n/a	1	23.839	24.737	28.931	34.659	33.608	38.654	25.836	2.718	35.640	2.662	0.464	0.01114594
IPI:IPI00171248.1	0.000	0.000	n/a	n/a	3	82.943	72.766	80.346	75.598	97.752	73.556	78.685	5.288	82.302	13.419	0.065	0.70395297
IPI:IPI00171252.4	0.000	0.000	n/a	n/a	7	150.975	156.493	154.342	200.904	195.303	205.981	153.937	2.781	200.729	5.341	0.383	0.00087541
IPI:IPI00171273.3	9.358	1.218	0.371	0.09103149	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00171336.3	0.000	0.000	n/a	n/a	2	47.256	43.654	48.735	60.572	67.312	65.332	46.548	2.614	64.405	3.464	0.468	0.00269309
IPI:IPI00171390.2	0.000	0.000	n/a	n/a	1	16.416	13.373	15.261	10.435	11.224	13.952	15.017	1.536	11.870	1.845	-0.339	0.08796631
IPI:IPI00171407.4	59.198	3.875	-0.317	0.01586695	7	216.272	211.201	214.995	283.986	310.497	281.091	214.156	2.638	291.858	16.207	0.447	0.01248326
IPI:IPI00171410.1	104.564	12.107	0.162	0.24813885	1	16.017	15.520	16.812	28.706	36.149	31.395	16.116	0.652	32.083	3.769	0.993	0.01587639
IPI:IPI00171411.4	41.616	2.540	-0.011	0.86891375	2	75.134	70.417	72.887	70.909	62.933	72.894	72.813	2.359	68.912	5.272	-0.079	0.33346774
IPI:IPI00171412.2	0.000	0.000	n/a	n/a	4	112.869	116.291	121.519	119.067	113.071	115.481	116.893	4.356	115.873	3.017	-0.013	0.75839899
IPI:IPI00171438.2	1,302.553	29.296	-0.139	0.06105907	20	684.647	680.891	709.105	770.825	779.490	761.693	691.548	15.321	770.669	8.900	0.156	0.00351724
IPI:IPI00171443.1	375.658	20.715	0.220	0.02923110	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00171445.1	329.242	28.999	0.224	0.09192191	7	188.969	174.711	188.159	192.423	215.953	191.569	183.946	8.008	199.982	13.838	0.121	0.17564853
IPI:IPI00171475.2	0.000	0.000	n/a	n/a	2	129.304	123.896	123.110	133.464	120.463	122.665	125.437	3.372	125.531	6.958	0.001	0.98597946

IPI:IPI00171525.2	SENP3	Sentrin-specific protease 3	2	84.255	97.035	98.419	93.311	100.103	92.795	93.236	7.809
IPI:IPI00171542.3	NUP85	Nucleoporin 85	3	221.808	216.813	210.610	194.322	209.236	202.680	216.410	5.610
IPI:IPI00171573.2	CCDC109A	Isoform 1 of Coiled-coil domain-containing protein 109A	9	894.638	963.595	865.541	844.216	782.956	834.295	907.925	50.359
IPI:IPI00171611.7	HIST2H3D;H	Histone H3.2	2	124.249	170.203	118.484	102.474	70.953	100.334	137.645	28.343
IPI:IPI00171614.2	SLC16A7	Monocarboxylate transporter 2	1	29.977	28.918	28.534	34.617	38.619	38.534	29.143	0.747
IPI:IPI00171626.3	LPCAT1	Lysophosphatidylcholine acyltransferase 1	1	32.192	35.477	35.618	50.107	39.858	51.368	34.429	1.939
IPI:IPI00171636.3	NAV1	Isoform 1 of Neuron navigator 1	2	180.038	186.953	182.862	135.515	142.041	145.579	183.284	3.477
IPI:IPI00171665.1	NUP37	Nucleoporin Nup37	5	287.098	299.271	302.378	305.730	281.793	310.287	296.249	8.076
IPI:IPI00171768.5	KIF18A	Kinesin-like protein KIF18A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171769.1	FUNDC2	FUN14 domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171791.5	NIN	Isoform 3 of Ninein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171798.1	MTA2	Metastasis-associated protein MTA2	9	425.677	460.105	451.266	341.349	335.877	324.282	445.683	17.880
IPI:IPI00171819.1	FARP2	Isoform 2 of FERM, RhoGEF and pleckstrin domain-containing protein 2	2	104.533	109.602	107.453	105.267	108.729	104.341	107.196	2.544
IPI:IPI00171833.2	CCDC104	Isoform 1 of Coiled-coil domain-containing protein 104	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00171844.3	COPS4	COP9 signalosome complex subunit 4	11	599.465	567.769	608.463	476.448	511.002	506.851	591.899	21.376
IPI:IPI00171925.5	PTCD1	Pentatricopeptide repeat-containing protein 1	1	55.944	77.082	54.739	70.622	43.287	69.299	62.589	12.566
IPI:IPI00172450.2	CAMK2G	Isoform 4 of Calcium/calmodulin-dependent protein kinase type II gamma chain	5	91.335	108.307	89.129	125.056	116.763	121.288	96.257	10.494
IPI:IPI00172460.4	AK2	Isoform 3 of Adenylate kinase 2, mitochondrial	6	311.254	311.674	300.143	324.597	310.642	330.379	307.690	6.540
IPI:IPI00172474.3	ZFP91	Isoform 2 of Zinc finger protein 91 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00172513.5	APPL2	cDNA FLJ59337, highly similar to DCC-interacting protein 13 beta	12	870.428	890.962	882.020	853.262	901.362	833.750	881.137	10.295
IPI:IPI00172580.4	NUP54	Nucleoporin 54kDa variant (Fragment)	8	397.334	393.877	402.772	423.458	409.272	440.555	397.994	4.484
IPI:IPI00172590.6	-	69 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00172591.5	MRPL17	39S ribosomal protein L17, mitochondrial	1	62.544	61.962	65.038	68.997	61.531	71.242	63.181	1.634
IPI:IPI00172594.3	MRPL28	39S ribosomal protein L28, mitochondrial	1	135.253	113.021	130.608	119.523	147.015	127.494	126.294	11.727
IPI:IPI00172636.5	CAMK2D	Isoform Delta 6 of Calcium/calmodulin-dependent protein kinase type II delta chain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00172656.6	FAF2	FAS-associated factor 2	3	83.006	85.956	82.170	80.459	90.068	87.859	83.711	1.989
IPI:IPI00173346.3	PGM2L1	Glucose 1,6-bisphosphate synthase	1	14.903	13.368	18.631	18.424	17.460	20.157	15.634	2.706
IPI:IPI00173359.2	UACA	Uveal autoantigen with coiled-coil domains and ankyrin repeats	47	3,069.120	2,953.180	3,106.980	2,492.500	2,544.850	2,544.900	3,043.093	80.135
IPI:IPI00173946.7	TANC1	Isoform 1 of Protein TANC1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00174025.4	DNMBP	Isoform 1 of Dynamin-binding protein	2	119.274	111.206	117.830	126.550	138.397	131.314	116.103	4.302
IPI:IPI00174390.3	PDE12	Isoform 1 of 2',5'-phosphodiesterase 12	3	175.258	207.713	182.661	232.493	204.791	226.435	188.544	17.008
IPI:IPI00174442.2	FAM98A	Protein FAM98A	1	31.310	27.910	36.688	38.287	43.270	41.495	31.970	4.426
IPI:IPI00174535.7	SPIN3	Isoform 1 of Spindlin-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00174852.4	MED20	Mediator of RNA polymerase II transcription subunit 20	1	9.287	11.534	10.523	10.072	11.398	11.454	10.448	1.126
IPI:IPI00174962.2	MICALL1	MICAL-like protein 1	3	108.522	100.839	99.300	97.963	112.838	102.379	102.887	4.940
IPI:IPI00174976.5	MPP5	Isoform 1 of MAGUK p55 subfamily member 5	1	3.503	5.490	3.161	3.693	2.546	2.404	4.051	1.257
IPI:IPI00175029.1	TMEM55A	Transmembrane protein 55A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00175096.1	TTC9C	Tetratricopeptide repeat protein 9C	1	27.006	24.922	22.192	31.262	28.475	34.673	24.707	2.414
IPI:IPI00175146.5	ZFC3H1	Isoform 2 of Zinc finger C3H1 domain-containing protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00175169.3	ARFGAP1	Isoform 1 of ADP-ribosylation factor GTPase-activating protein 1	3	159.929	135.160	172.552	149.714	187.336	166.203	155.880	19.022
IPI:IPI00176221.7	NEGR1	Neuronal growth regulator 1	1	8.243	7.591	7.246	5.827	8.780	8.929	7.694	0.506
IPI:IPI00176571.4	ZMIZ1	Isoform 1 of Zinc finger MIZ domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00176574.1	RPL36AP49	similar to mCG7611	8	685.384	624.210	669.149	524.022	592.068	545.596	659.581	31.690
IPI:IPI00176642.3	AURKB	Serine/threonine-protein kinase 12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00176706.1	RBM17	Splicing factor 45	4	407.095	361.772	431.497	317.294	366.316	333.957	400.121	35.382
IPI:IPI00176708.2	C12orf62	Uncharacterized protein C12orf62	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00176903.2	PTRF	Isoform 1 of Polymerase I and transcript release factor	34	2,069.760	1,885.690	2,091.920	1,928.110	2,192.330	1,956.100	2,015.790	113.213
IPI:IPI00177008.1	PGP	Phosphoglycolate phosphatase	1	23.712	19.657	26.713	17.126	21.945	23.440	23.361	3.541
IPI:IPI00177381.8	CWC22	Pre-mRNA-splicing factor CWC22 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00177428.1	CHCHD4	Isoform 2 of Mitochondrial intermembrane space import and assembly protein 40	2	157.488	175.165	157.847	157.485	143.856	159.792	163.500	10.104

IPI:IPI00171525.2	95.403	4.078	0.033	0.69942501	2	91.132	89.472	86.179	117.172	115.731	109.964	88.928	2.521	114.289	3.814	0.362	0.00128625
IPI:IPI00171542.3	202.079	7.475	-0.099	0.06155454	6	202.564	182.506	203.326	270.697	279.488	265.200	196.132	11.807	271.795	7.207	0.471	0.00165031
IPI:IPI00171573.2	820.489	32.881	-0.146	0.07558424	11	520.124	530.011	511.261	471.311	485.467	476.456	520.465	9.380	477.745	7.165	-0.124	0.00412685
IPI:IPI00171611.7	91.254	17.613	-0.593	0.08644522	2	178.592	187.146	184.646	194.945	192.159	204.999	183.461	4.398	197.368	6.754	0.105	0.04899313
IPI:IPI00171614.2	37.257	2.286	0.354	0.01768236	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00171626.3	47.111	6.313	0.452	0.06295914	1	14.233	17.550	11.731	14.920	13.203	14.119	14.505	2.919	14.081	0.859	-0.043	0.82896074
IPI:IPI00171636.3	141.045	5.105	-0.378	0.00057911	1	12.478	10.406	12.591	12.361	12.022	14.069	11.825	1.230	12.817	1.097	0.116	0.35853233
IPI:IPI00171665.1	299.270	15.306	0.015	0.78426309	8	267.190	271.663	276.089	272.587	254.391	273.956	271.647	4.450	266.978	10.922	-0.025	0.54866288
IPI:IPI00171768.5	0.000	0.000	n/a	n/a	2	18.564	22.573	19.287	28.068	24.996	28.649	20.141	2.137	27.238	1.963	0.435	0.01359094
IPI:IPI00171769.1	0.000	0.000	n/a	n/a	1	21.356	19.261	20.319	23.798	25.176	25.367	20.312	1.047	24.780	0.856	0.287	0.00521229
IPI:IPI00171791.5	0.000	0.000	n/a	n/a	2	67.014	60.588	69.312	54.033	67.972	59.730	65.638	4.522	60.578	7.008	-0.116	0.36189681
IPI:IPI00171798.1	333.836	8.715	-0.417	0.00265976	7	225.133	229.853	226.130	211.232	209.194	225.104	227.039	2.488	215.177	8.658	-0.077	0.13295532
IPI:IPI00171819.1	106.112	2.313	-0.015	0.61450354	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00171833.2	0.000	0.000	n/a	n/a	1	33.010	35.751	29.639	35.411	29.054	28.087	32.800	3.062	30.851	3.979	-0.088	0.54072391
IPI:IPI00171844.3	498.100	18.866	-0.249	0.00492107	9	545.025	552.489	551.216	296.789	333.295	308.428	549.577	3.993	312.837	18.648	-0.813	0.00139898
IPI:IPI00171925.5	61.069	15.414	-0.035	0.90191459	3	78.177	73.389	73.099	99.327	82.511	97.779	74.888	2.852	93.206	9.294	0.316	0.06538466
IPI:IPI00172450.2	121.036	4.152	0.330	0.04057074	2	30.556	29.976	25.967	36.358	39.838	36.617	28.833	2.499	37.604	1.939	0.383	0.01000969
IPI:IPI00172460.4	321.873	10.147	0.065	0.12351915	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00172474.3	0.000	0.000	n/a	n/a	2	46.896	41.257	41.749	53.003	60.142	56.373	43.301	3.123	56.506	3.571	0.384	0.00891022
IPI:IPI00172513.5	862.791	34.799	-0.030	0.46166867	2	107.257	110.715	109.212	56.476	56.548	51.043	109.061	1.734	54.689	3.158	-0.996	0.00009798
IPI:IPI00172580.4	424.428	15.664	0.093	0.09041362	4	142.525	149.487	146.788	106.027	109.497	112.510	146.267	3.510	109.345	3.244	-0.420	0.00018741
IPI:IPI00172590.6	0.000	0.000	n/a	n/a	1	32.316	35.361	35.622	30.110	28.336	30.853	34.433	1.838	29.766	1.293	-0.210	0.02751537
IPI:IPI00172591.5	67.257	5.084	0.090	0.29781700	3	176.554	161.399	167.951	163.066	161.291	147.898	168.635	7.601	157.418	8.292	-0.099	0.16147463
IPI:IPI00172594.3	131.344	14.145	0.057	0.65982985	2	135.700	117.301	133.598	115.267	142.458	122.580	128.866	10.071	126.768	14.071	-0.024	0.84497282
IPI:IPI00172636.5	0.000	0.000	n/a	n/a	14	358.698	348.135	363.164	292.612	311.018	295.078	356.666	7.718	299.569	9.991	-0.252	0.00184681
IPI:IPI00172656.6	86.129	5.033	0.041	0.50427548	7	203.918	194.852	207.769	239.745	275.931	253.174	202.180	6.632	256.283	18.292	0.342	0.02521535
IPI:IPI00173346.3	18.680	1.366	0.257	0.18163915	3	54.566	73.039	58.240	69.418	52.544	61.399	61.948	9.779	61.121	8.440	-0.019	0.91868424
IPI:IPI00173359.2	2,527.417	30.239	-0.268	0.00367523	25	1,286.810	1,312.960	1,290.720	1,356.660	1,349.650	1,368.160	1,296.830	14.105	1,358.157	9.345	0.067	0.00522547
IPI:IPI00173946.7	0.000	0.000	n/a	n/a	2	108.668	130.413	120.836	141.445	128.412	135.335	119.972	10.898	135.064	6.521	0.171	0.12458708
IPI:IPI00174025.4	132.087	5.961	0.186	0.02342652	4	140.172	136.898	145.953	172.427	163.538	164.199	141.008	4.585	166.721	4.952	0.242	0.00279879
IPI:IPI00174390.3	221.240	14.563	0.231	0.06622062	9	262.185	270.237	260.387	282.167	270.132	285.485	264.270	5.245	279.261	8.078	0.080	0.06410734
IPI:IPI00174442.2	41.017	2.526	0.360	0.05038815	2	57.983	56.489	57.672	48.910	49.140	48.197	57.381	0.788	48.749	0.492	-0.235	0.00027223
IPI:IPI00174535.7	0.000	0.000	n/a	n/a	1	70.740	80.299	80.317	72.080	80.378	69.470	77.118	5.524	73.976	5.696	-0.060	0.53079665
IPI:IPI00174852.4	10.975	0.782	0.071	0.54758772	1	24.911	29.957	24.759	31.490	31.476	32.793	26.542	2.958	31.920	0.757	0.266	0.07985040
IPI:IPI00174962.2	104.393	7.640	0.021	0.79090514	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00174976.5	2.881	0.707	-0.492	0.25059088	7	161.959	196.107	174.018	254.969	202.879	245.418	177.361	17.318	234.422	27.731	0.402	0.04908711
IPI:IPI00175029.1	0.000	0.000	n/a	n/a	4	129.407	137.292	125.616	236.667	187.817	246.438	130.772	5.956	223.641	31.407	0.774	0.03234569
IPI:IPI00175096.1	31.470	3.104	0.349	0.04403882	1	32.178	28.890	33.311	43.643	54.599	48.731	31.460	2.296	48.991	5.483	0.639	0.01903037
IPI:IPI00175146.5	0.000	0.000	n/a	n/a	2	113.806	119.418	113.145	121.819	125.796	123.400	115.456	3.447	123.672	2.002	0.099	0.03364278
IPI:IPI00175169.3	167.751	18.859	0.106	0.48623302	7	237.907	226.953	230.776	254.027	257.447	247.909	231.879	5.560	253.128	4.832	0.126	0.00790637
IPI:IPI00176221.7	7.845	1.749	0.028	0.89809736	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00176571.4	0.000	0.000	n/a	n/a	1	97.070	144.837	79.454	223.367	114.957	191.777	107.120	33.831	176.700	55.755	0.722	0.15357725
IPI:IPI00176574.1	553.895	34.774	-0.252	0.01804860	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00176642.3	0.000	0.000	n/a	n/a	1	66.016	73.542	59.491	84.535	69.871	78.822	66.350	7.031	77.743	7.391	0.229	0.12555582
IPI:IPI00176706.1	339.189	24.926	-0.238	0.07877107	13	649.197	641.375	661.370	688.527	714.632	689.276	650.647	10.076	697.478	14.860	0.100	0.01433662
IPI:IPI00176708.2	0.000	0.000	n/a	n/a	1	57.815	100.998	58.724	72.041	43.284	67.335	72.512	24.674	60.887	15.425	-0.252	0.53438944
IPI:IPI00176903.2	2,025.513	145.144	0.007	0.93314866	30	1,879.400	2,007.600	1,847.780	1,886.180	1,741.730	1,829.860	1,911.593	84.634	1,819.257	72.806	-0.071	0.22730796
IPI:IPI00177008.1	20.837	3.299	-0.165	0.41791234	1	63.863	58.560	61.167	49.571	58.800	55.878	61.197	2.652	54.750	4.716	-0.161	0.12684556
IPI:IPI00177381.8	0.000	0.000	n/a	n/a	2	85.285	83.553	81.917	90.460	76.923	87.549	83.585	1.684	84.977	7.126	0.024	0.77065447
IPI:IPI00177428.1	153.711	8.612	-0.089	0.27244136	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00177437.5	CRNKL1	Isoform 1 of Crooked neck-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00177543.6	PAM	peptidylglycine alpha-amidating monooxygenase isoform a preproprotein	2	39.661	54.853	35.436	109.126	64.130	97.292	43.317	10.212
IPI:IPI00177642.8	CCDC9	Coiled-coil domain-containing protein 9	1	34.378	33.865	32.116	27.391	24.921	27.287	33.453	1.186
IPI:IPI00177655.3	LRRC42	Leucine-rich repeat-containing protein 42	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00177661.7	ATP13A3	Isoform 2 of Probable cation-transporting ATPase 13A3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00177716.7	HMGA1	Isoform HMG-Y of High mobility group protein HMG-I/HMG-Y	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00177728.3	CNDP2	Cytosolic non-specific dipeptidase	16	966.088	1,015.590	932.586	1,059.450	977.272	1,091.670	971.421	41.758
IPI:IPI00177888.4	LENG8	Isoform 1 of Leukocyte receptor cluster member 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00177890.4	SMARCD2	54 kDa protein	3	68.509	75.085	73.840	73.501	77.892	74.880	72.478	3.493
IPI:IPI00177938.2	TLE3	Isoform 2 of Transducin-like enhancer protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00177940.2	RDH14;NT5C	Retinol dehydrogenase 14	1	42.022	51.070	42.568	50.382	52.160	32.457	45.220	5.074
IPI:IPI00177965.5	NT5DC1	5'-nucleotidase domain-containing protein 1	6	379.148	352.798	406.915	372.877	427.031	376.014	379.620	27.062
IPI:IPI00177968.2	SCARB1	Isoform 1 of Scavenger receptor class B member 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00178072.7	CYTSA	Cytospin-A	20	1,115.420	1,128.480	1,099.610	1,116.130	1,051.340	1,141.830	1,114.503	14.457
IPI:IPI00178116.2	MBNL1	muscleblind-like 1 isoform e	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00178150.5	KIF4A	Isoform 1 of Chromosome-associated kinesin KIF4A	1	13.311	9.494	13.304	7.263	5.048	8.023	12.036	2.202
IPI:IPI00178185.1	BICD2	Isoform 1 of Protein bicaudal D homolog 2	7	298.292	323.567	327.241	261.829	270.460	274.310	316.367	15.761
IPI:IPI00178187.4	EHBP1	Isoform 1 of EH domain-binding protein 1	17	955.035	1,019.860	987.085	916.481	851.955	924.173	987.327	32.413
IPI:IPI00178352.5	FLNC	Isoform 1 of Filamin-C	149	8,978.000	9,003.900	8,975.340	9,551.490	9,488.880	8,922.270	8,985.747	15.777
IPI:IPI00178375.3	HISPPD1	Isoform 2 of Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 2	6	295.256	339.599	312.935	342.182	298.151	316.695	315.930	22.323
IPI:IPI00178377.2	FAM76A	Isoform 1 of Protein FAM76A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00178386.4	TTC21B	Isoform 1 of Tetratricopeptide repeat protein 21B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00178431.1	RECQL	ATP-dependent DNA helicase Q1	21	1,416.850	1,449.830	1,385.760	1,317.520	1,262.650	1,329.480	1,417.480	32.040
IPI:IPI00178440.3	EEF1B2	Elongation factor 1-beta	22	1,582.440	1,505.750	1,470.180	1,388.090	1,382.010	1,390.720	1,519.457	57.371
IPI:IPI00178504.5	DNAJB14	Isoform 1 of DnaJ homolog subfamily B member 14	3	169.982	168.729	178.791	185.945	189.999	185.831	172.501	5.483
IPI:IPI00178512.7	C1orf112	Isoform 1 of Uncharacterized protein C1orf112	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00178667.5	TOP2A	DNA topoisomerase 2 (Fragment)	6	240.128	227.745	243.340	104.468	115.245	112.862	237.071	8.235
IPI:IPI00178700.5	ALG3	Dolichyl-P-Man:Man(5)GlcNAc(2)-PP-dolichyl mannosyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00178750.3	NIP30	NEFA-interacting nuclear protein NIP30	2	154.161	140.505	159.718	131.767	148.844	141.069	151.461	9.887
IPI:IPI00178767.1	SMPDL3A	Acid sphingomyelinase-like phosphodiesterase 3a	1	20.862	21.876	21.370	14.372	18.426	16.546	21.369	0.507
IPI:IPI00179016.8	SETD1A	Histone-lysine N-methyltransferase SETD1A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00179019.2	MRPL35	Isoform 1 of 39S ribosomal protein L35, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00179026.2	MCTS1	Isoform 1 of Malignant T cell amplified sequence 1	6	369.936	345.305	366.785	403.865	429.551	402.546	360.675	13.404
IPI:IPI00179053.3	BCAR3	Isoform 1 of Breast cancer anti-estrogen resistance protein 3	1	10.301	11.162	12.226	13.258	12.970	13.856	11.229	0.964
IPI:IPI00179057.6	CUL4B	Isoform 1 of Cullin-4B	24	1,434.260	1,403.260	1,485.770	1,392.970	1,485.500	1,418.080	1,441.097	41.678
IPI:IPI00179109.2	SIRT2	Isoform 1 of NAD-dependent deacetylase sirtuin-2	1	66.007	65.045	66.077	81.884	86.930	84.174	65.710	0.577
IPI:IPI00179172.6	PPFIBP1	Isoform 2 of Liprin-beta-1	15	832.003	795.758	795.508	726.068	755.110	747.997	807.756	20.999
IPI:IPI00179187.3	DNAJA3	Isoform 2 of DnaJ homolog subfamily A member 3, mitochondrial	1	40.097	30.748	38.364	34.919	41.863	35.299	36.403	4.973
IPI:IPI00179298.5	HUWE1	482 kDa protein	21	1,098.870	1,124.090	1,075.010	1,095.720	1,034.470	1,107.180	1,099.323	24.543
IPI:IPI00179326.7	BAIAP2L1	Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1	1	36.446	33.136	36.350	37.265	34.586	33.146	35.311	1.884
IPI:IPI00179330.6	UBC;RPS27A	ubiquitin and ribosomal protein S27a precursor	27	1,801.550	2,019.420	1,751.660	1,629.260	1,513.790	1,529.110	1,857.543	142.391
IPI:IPI00179437.6	ARHGEF18	Isoform 1 of Rho guanine nucleotide exchange factor 18	2	128.899	132.993	138.052	181.421	165.330	186.110	133.315	4.585
IPI:IPI00179438.5	DAB2	Isoform 1 of Disabled homolog 2	21	1,419.280	1,314.610	1,425.290	1,216.780	1,336.870	1,248.440	1,386.393	62.239
IPI:IPI00179473.9	SQSTM1	Isoform 1 of Sequestosome-1	12	218.873	200.952	201.609	1,332.950	1,416.730	1,370.790	207.145	10.162
IPI:IPI00179589.4	-	14 kDa protein	4	482.333	449.522	470.772	359.483	396.999	364.507	467.542	16.642
IPI:IPI00179700.3	HMGA1	Isoform HMG-I of High mobility group protein HMG-I/HMG-Y	11	930.250	897.125	947.251	751.033	809.605	777.750	924.875	25.492
IPI:IPI00179713.6	IGF2BP2	Isoform 1 of Insulin-like growth factor 2 mRNA-binding protein 2	3	246.584	285.799	228.688	305.672	273.512	310.266	253.690	29.211
IPI:IPI00179757.6	KIF1C	Kinesin-like protein KIF1C	3	229.910	222.276	240.278	243.435	247.460	249.377	230.821	9.036
IPI:IPI00179804.2	RBP7	Retinoid-binding protein 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00179953.2	NASP	Isoform 1 of Nuclear autoantigenic sperm protein	18	1,053.810	1,031.470	1,085.440	842.674	886.043	871.193	1,056.907	27.118
IPI:IPI00179964.5	PTBP1	Isoform 1 of Polypyrimidine tract-binding protein 1	15	563.843	591.364	591.008	543.548	496.116	498.819	582.072	15.787
IPI:IPI00180128.4	BZW1	Isoform 2 of Basic leucine zipper and W2 domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00177437.5	0.000	0.000	n/a	n/a	8	288.950	280.563	281.247	423.176	432.108	436.865	283.587	4.657	430.716	6.950	0.603	0.00002360
IPI:IPI00177543.6	90.183	23.325	1.058	0.05656833	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00177642.8	26.533	1.397	-0.334	0.00310671	3	170.413	182.844	175.348	77.439	83.083	76.721	176.202	6.259	79.081	3.485	-1.156	0.00012627
IPI:IPI00177655.3	0.000	0.000	n/a	n/a	2	118.275	96.480	117.724	136.787	164.935	139.972	110.826	12.428	147.231	15.414	0.410	0.03559765
IPI:IPI00177661.7	0.000	0.000	n/a	n/a	1	8.734	5.698	8.520	7.164	8.251	7.684	7.651	1.695	7.700	0.544	0.009	0.96631030
IPI:IPI00177716.7	0.000	0.000	n/a	n/a	1	79.675	97.042	86.074	25.536	23.068	24.732	87.597	8.783	24.445	1.259	-1.841	0.00559459
IPI:IPI00177728.3	1,042.797	58.989	0.102	0.17036182	63	1,849.370	1,937.660	1,826.840	2,534.730	2,366.170	2,507.870	1,871.290	58.572	2,469.590	90.566	0.400	0.00135559
IPI:IPI00177888.4	0.000	0.000	n/a	n/a	5	138.485	159.907	136.198	178.534	156.009	179.495	144.863	13.078	171.346	13.291	0.242	0.06981068
IPI:IPI00177890.4	75.425	2.246	0.057	0.29766199	7	255.271	263.914	276.899	202.939	242.353	208.448	265.361	10.886	217.913	21.344	-0.284	0.04208377
IPI:IPI00177938.2	0.000	0.000	n/a	n/a	1	12.778	11.811	12.568	19.150	19.404	20.575	12.386	0.509	19.710	0.760	0.670	0.00036126
IPI:IPI00177940.2	44.999	10.898	-0.007	0.97718573	1	14.980	17.447	18.517	7.933	12.230	8.105	16.981	1.814	9.423	2.432	-0.850	0.01481480
IPI:IPI00177965.5	391.974	30.401	0.046	0.62727920	11	512.412	490.922	536.404	656.063	674.280	720.568	513.246	22.752	683.637	33.255	0.414	0.00295034
IPI:IPI00177968.2	0.000	0.000	n/a	n/a	2	34.692	25.928	34.328	61.645	79.823	60.792	31.649	4.958	67.420	10.750	1.091	0.01597199
IPI:IPI00178072.7	1,103.100	46.631	-0.015	0.71992824	4	151.546	142.397	169.602	116.011	122.465	124.922	154.515	13.843	121.133	4.602	-0.351	0.04171268
IPI:IPI00178116.2	0.000	0.000	n/a	n/a	2	8.909	8.808	9.018	8.134	10.676	7.886	8.912	0.105	8.898	1.544	-0.002	0.98965107
IPI:IPI00178150.5	6.778	1.546	-0.828	0.03271836	26	983.941	989.251	986.019	1,276.850	1,318.530	1,289.210	986.404	2.676	1,294.863	21.407	0.393	0.00138724
IPI:IPI00178185.1	268.866	6.391	-0.235	0.02250605	2	63.962	77.029	63.969	72.416	57.546	74.121	68.320	7.542	68.027	9.118	-0.006	0.97098799
IPI:IPI00178187.4	897.536	39.662	-0.138	0.04056009	15	645.921	648.423	659.809	587.243	566.201	598.429	651.384	7.402	583.958	16.363	-0.158	0.00923585
IPI:IPI00178352.5	9,320.880	346.623	0.053	0.23629806	43	2,911.250	3,086.710	2,923.790	240.544	288.576	313.323	2,973.917	97.883	280.814	37.005	-3.405	0.00009047
IPI:IPI00178375.3	319.009	22.107	0.014	0.87356931	4	191.309	198.989	200.546	274.117	250.230	271.444	196.948	4.945	265.264	13.088	0.430	0.00618410
IPI:IPI00178377.2	0.000	0.000	n/a	n/a	1	11.811	12.041	11.503	17.942	18.600	19.833	11.785	0.270	18.792	0.960	0.673	0.00379114
IPI:IPI00178386.4	0.000	0.000	n/a	n/a	1	22.719	22.418	21.851	27.727	31.768	28.112	22.329	0.441	29.202	2.230	0.387	0.02944006
IPI:IPI00178431.1	1,303.217	35.637	-0.121	0.01485665	27	687.621	714.495	674.958	592.528	570.272	601.528	692.358	20.190	588.109	16.090	-0.235	0.00263127
IPI:IPI00178440.3	1,386.940	4.467	-0.132	0.05636355	68	2,429.750	2,494.320	2,435.620	2,295.350	2,197.490	2,291.180	2,453.230	35.706	2,261.340	55.335	-0.118	0.01087022
IPI:IPI00178504.5	187.258	2.374	0.118	0.02845339	3	101.514	104.482	90.249	177.922	149.871	173.983	98.748	7.509	167.259	15.186	0.760	0.00650921
IPI:IPI00178512.7	0.000	0.000	n/a	n/a	1	37.025	42.404	30.875	60.143	53.544	55.326	36.768	5.769	56.338	3.414	0.616	0.01229447
IPI:IPI00178667.5	110.858	5.661	-1.097	0.00006737	7	348.957	391.747	327.453	439.624	381.127	420.499	356.052	32.729	413.750	29.827	0.217	0.08791261
IPI:IPI00178700.5	0.000	0.000	n/a	n/a	1	14.349	19.949	16.206	22.011	22.540	20.759	16.835	2.853	21.770	0.915	0.371	0.08406277
IPI:IPI00178750.3	140.560	8.550	-0.108	0.22352811	7	231.702	229.309	238.581	117.312	129.078	128.612	233.197	4.813	125.001	6.663	-0.900	0.00004797
IPI:IPI00178767.1	16.448	2.029	-0.378	0.04520636	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00179016.8	0.000	0.000	n/a	n/a	3	146.949	154.782	145.970	198.369	175.930	185.576	149.234	4.830	186.625	11.256	0.323	0.01697346
IPI:IPI00179019.2	0.000	0.000	n/a	n/a	2	83.282	79.782	75.844	80.025	92.838	81.221	79.636	3.721	84.695	7.077	0.089	0.35287558
IPI:IPI00179026.2	411.987	15.225	0.192	0.01233284	12	585.063	596.134	591.848	445.812	423.828	441.058	591.015	5.582	436.899	11.567	-0.436	0.00031266
IPI:IPI00179053.3	13.361	0.452	0.251	0.04405429	6	163.270	155.179	158.882	211.367	224.558	222.828	159.110	4.050	219.584	7.169	0.465	0.00080996
IPI:IPI00179057.6	1,432.183	47.850	-0.009	0.82026659	28	1,841.950	1,788.680	1,890.390	1,158.570	1,187.540	1,183.120	1,840.340	50.874	1,176.410	15.607	-0.646	0.00088479
IPI:IPI00179109.2	84.329	2.527	0.360	0.00439829	4	194.669	187.847	209.684	192.307	213.284	191.556	197.400	11.172	199.049	12.334	0.012	0.87541334
IPI:IPI00179172.6	743.058	15.138	-0.120	0.01520998	12	408.958	397.105	418.207	419.246	440.675	430.814	408.090	10.578	430.245	10.726	0.076	0.06354917
IPI:IPI00179187.3	37.360	3.904	0.037	0.80700935	7	322.084	290.423	324.521	308.933	334.306	319.064	312.343	19.022	320.768	12.772	0.038	0.56347727
IPI:IPI00179298.5	1,079.123	39.093	-0.027	0.49863553	30	1,034.160	1,100.860	1,054.490	1,222.480	1,166.440	1,188.730	1,063.170	34.187	1,192.550	28.215	0.166	0.00790695
IPI:IPI00179326.7	34.999	2.090	-0.013	0.85811892	22	1,129.030	1,149.290	1,129.490	1,292.850	1,280.390	1,306.180	1,135.937	11.567	1,293.140	12.897	0.187	0.00010374
IPI:IPI00179330.6	1,557.387	62.714	-0.254	0.05060904	48	2,240.600	2,308.510	2,215.140	2,144.430	2,005.690	2,119.400	2,254.750	48.267	2,089.840	73.943	-0.110	0.03950462
IPI:IPI00179437.6	177.620	10.899	0.414	0.01032608	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00179438.5	1,267.363	62.241	-0.130	0.07922502	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00179473.9	1,373.490	41.955	2.729	0.00021876	34	847.053	883.479	788.823	1,408.220	1,261.180	1,398.860	839.785	47.745	1,356.087	82.325	0.691	0.00193178
IPI:IPI00179589.4	373.663	20.365	-0.323	0.00395232	17	722.671	725.324	717.586	788.057	754.601	768.832	721.860	3.932	770.497	16.790	0.094	0.03196763
IPI:IPI00179700.3	779.463	29.324	-0.247	0.00312909	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00179713.6	296.483	20.026	0.225	0.11374528	18	755.739	785.779	774.327	738.242	703.919	713.933	771.948	15.161	718.698	17.651	-0.103	0.01736913
IPI:IPI00179757.6	246.757	3.033	0.096	0.08019530	1	15.313	13.194	16.758	21.560	24.441	20.695	15.088	1.793	22.232	1.961	0.559	0.00981268
IPI:IPI00179804.2	0.000	0.000	n/a	n/a	3	122.315	127.366	133.511	122.778	125.288	130.787	127.731	5.607	126.284	4.096	-0.016	0.73978554
IPI:IPI00179953.2	866.637	22.041	-0.286	0.00085741	69	3,222.790	3,275.080	3,223.710	2,893.890	2,777.240	2,875.550	3,240.527	29.928	2,848.893	62.727	-0.186	0.00276511
IPI:IPI00179964.5	512.828	26.639	-0.183	0.02640650	36	956.455	934.449	938.481	973.012	1,103.230	1,045.790	943.128	11.716	1,040.677	65.259	0.142	0.11818074
IPI:IPI00180128.4	0.000	0.000	n/a	n/a	9	651.609	644.420	648.610	632.256	689.791	649.538	648.213	3.611	657.195	29.522	0.020	0.65271409

IPI:IPI00180154.4	ATXN2	Isoform 1 of Ataxin-2	7	561.276	600.449	547.814	503.207	467.980	520.594	569.846	27.344
IPI:IPI00180240.2	TMSL3	Thymosin beta-4-like protein 3	1	49.165	44.147	48.551	38.827	38.647	38.917	47.288	2.737
IPI:IPI00180266.2	WWTR1	WW domain-containing transcription regulator protein 1	2	84.237	83.345	88.275	88.548	80.194	89.105	85.286	2.627
IPI:IPI00180292.5	BAIAP2	Isoform 5 of Brain-specific angiogenesis inhibitor 1-associated protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00180386.5	GYG1	Isoform GN-1L of Glycogenin-1	3	179.359	167.102	196.017	191.241	217.003	208.326	180.826	14.513
IPI:IPI00180404.7	NEXN	Isoform 1 of Nexilin	37	1,922.340	1,854.120	1,879.030	1,793.850	1,805.030	1,811.520	1,885.163	34.521
IPI:IPI00180454.4	UTP11L	Probable U3 small nucleolar RNA-associated protein 11	4	454.678	454.990	439.665	450.179	456.777	464.053	449.778	8.759
IPI:IPI00180625.1	KIAA0284	Isoform 2 of Protein KIAA0284	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00180675.4	TUBA1A	Tubulin alpha-1A chain	123	3,548.340	3,507.200	3,553.190	3,483.420	3,685.550	3,492.200	3,536.243	25.269
IPI:IPI00180681.6	CCDC41	NY-REN-58 antigen	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00180685.3	APTX	Isoform 2 of Aprataxin	1	49.309	47.851	54.216	51.386	52.910	50.303	50.459	3.334
IPI:IPI00180730.1	-	Similar to Elongation factor 1-alpha 1	6	82.044	80.948	75.194	85.910	90.577	84.060	79.395	3.680
IPI:IPI00180764.3	MYST2	Histone acetyltransferase MYST2	1	54.691	43.466	55.581	41.994	50.445	48.178	51.246	6.753
IPI:IPI00180954.4	CIRBP	Cold-inducible RNA-binding protein	2	146.177	140.274	149.361	101.480	109.363	108.964	145.271	4.611
IPI:IPI00181058.2	PML	promyelocytic leukemia protein isoform 10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00181126.3	-	similar to high mobility group nucleosomal binding domain 2 isoform 1	5	408.212	409.168	323.978	514.927	393.492	473.028	380.453	48.911
IPI:IPI00181135.4	BCAT2	Branched-chain-amino-acid aminotransferase	3	343.110	288.609	333.365	321.084	393.351	342.617	321.695	29.064
IPI:IPI00181294.2	CSNK1G3	Isoform 1 of Casein kinase I isoform gamma-3	1	25.962	25.964	22.727	34.673	33.557	39.765	24.884	1.869
IPI:IPI00181359.5	SFRS2IP	SFRS2-interacting protein	6	192.855	213.016	207.277	195.447	193.740	202.111	204.383	10.387
IPI:IPI00181373.4	C2orf60	Isoform 1 of JmjC domain-containing protein C2orf60	1	44.945	54.120	50.420	51.883	44.611	52.979	49.828	4.616
IPI:IPI00181396.5	VPRBP	Isoform 3 of Protein VPRBP	1	44.923	38.836	39.592	38.840	49.992	39.616	41.117	3.318
IPI:IPI00181504.2	UBR7	UBR7 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00181617.4	RBM34	Isoform 1 of RNA-binding protein 34	2	82.993	82.984	84.711	77.279	78.661	72.795	83.563	0.995
IPI:IPI00181620.3	PIGO	Isoform 2 of GPI ethanolamine phosphate transferase 3	1	7.191	7.404	7.878	5.749	8.037	5.298	7.491	0.351
IPI:IPI00181702.3	SFRS15	Isoform 1 of Splicing factor, arginine/serine-rich 15	3	93.143	87.404	86.546	87.981	87.905	92.108	89.031	3.587
IPI:IPI00181728.1	BXDC2	Brix domain-containing protein 2	5	295.769	327.271	289.053	366.745	340.892	355.410	304.031	20.405
IPI:IPI00181753.4	GRN	cDNA FLJ13286 fis, clone OVARC1001154, highly similar to Homo sapiens clone 24720 epithelin 1 and 2 mRNA	1	45.367	46.195	53.769	115.302	134.215	133.078	48.444	4.630
IPI:IPI00181824.1	VPS53	Isoform 2 of Vacuolar protein sorting-associated protein 53 homolog	4	145.168	143.222	153.874	158.977	168.463	159.822	147.421	5.672
IPI:IPI00181893.1	PHKB	Isoform 4 of Phosphorylase b kinase regulatory subunit beta	1	23.380	23.010	26.899	20.776	32.963	23.385	24.430	2.146
IPI:IPI00181905.3	AFAP1L2	Isoform 1 of Actin filament-associated protein 1-like 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00182106.4	MEN1	Isoform 2 of Menin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00182126.3	FKBP9	FK506-binding protein 9	17	945.205	886.245	892.293	929.851	970.019	991.911	907.914	32.436
IPI:IPI00182180.2	OTUD6B	OTU domain containing 6B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00182289.6	RPS29	40S ribosomal protein S29	2	219.158	255.330	241.597	188.356	135.803	174.099	238.695	18.260
IPI:IPI00182293.6	GUK1	Guanylate kinase	5	404.668	506.641	383.640	550.969	418.503	500.965	431.650	65.790
IPI:IPI00182304.6	TYW1	Isoform 1 of tRNA wybutosine-synthesizing protein 1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00182313.1	SEC61A2	Sec61 alpha form 2 isoform b	5	681.573	701.887	668.525	644.131	653.070	635.052	683.995	16.812
IPI:IPI00182373.2	P4HA2	Isoform IIa of Prolyl 4-hydroxylase subunit alpha-2	12	836.864	819.284	841.502	875.585	872.303	878.541	832.550	11.720
IPI:IPI00182383.7	RP6-213H19	serine/threonine protein kinase MST4 isoform 3	3	66.331	73.080	71.159	57.698	52.825	56.186	70.190	3.477
IPI:IPI00182406.4	C12orf11	cDNA FLJ10360 fis, clone NT2RM2001247	1	82.260	84.624	77.637	79.852	69.901	75.532	81.507	3.554
IPI:IPI00182533.5	RPL28	60S ribosomal protein L28	7	783.201	766.318	721.001	691.013	690.076	705.462	756.840	32.165
IPI:IPI00182728.2	VPS4B	Vacuolar protein sorting-associated protein 4B	15	990.348	915.573	1,035.270	872.459	1,038.140	914.302	980.397	60.466
IPI:IPI00182757.1	KIAA1967	Isoform 1 of Protein KIAA1967	9	602.360	586.957	612.829	554.446	569.571	574.587	600.715	13.014
IPI:IPI00182933.5	CYB5A	Isoform 2 of Cytochrome b5	3	157.011	195.694	156.587	179.492	127.638	165.052	169.764	22.457
IPI:IPI00182938.8	AHCYL1	Isoform 1 of Putative adenosylhomocysteinase 2	6	404.927	394.665	400.210	420.075	439.429	431.329	399.934	5.137
IPI:IPI00183002.6	PPP1R12A	Isoform 1 of Protein phosphatase 1 regulatory subunit 12A	16	1,323.050	1,304.800	1,396.230	1,337.920	1,402.090	1,235.920	1,341.360	48.387
IPI:IPI00183018.3	MICAL2	Isoform 1 of Protein MICAL-2	3	91.288	88.892	89.481	66.941	68.459	66.906	89.887	1.248
IPI:IPI00183054.1	MIB1	E3 ubiquitin-protein ligase MIB1	1	3.791	5.065	4.436	7.894	8.232	9.570	4.431	0.637
IPI:IPI00183078.8	MBNL2	Isoform 2 of Muscleblind-like protein 2	3	148.630	150.165	160.461	129.624	120.746	132.704	153.085	6.433
IPI:IPI00183274.3	SNX1	sorting nexin 1 isoform c	7	432.902	401.183	422.468	431.240	466.940	448.916	418.851	16.166
IPI:IPI00183294.4	NUP214	Isoform 1 of Nuclear pore complex protein Nup214	11	712.180	666.604	690.618	743.309	756.291	735.699	689.801	22.799
IPI:IPI00183302.7	PHF8	Isoform 3 of PHD finger protein 8	2	167.509	161.652	162.403	280.235	285.215	294.698	163.855	3.187

IPI:IPI00180154.4	497.260	26.806	-0.197	0.03047893	15	647.698	609.081	652.796	699.749	744.053	739.371	636.525	23.903	727.724	24.340	0.193	0.00981627
IPI:IPI00180240.2	38.797	0.137	-0.286	0.03267246	5	390.031	330.887	342.634	129.130	163.946	148.712	354.517	31.312	147.263	17.453	-1.267	0.00175752
IPI:IPI00180266.2	85.949	4.992	0.011	0.85168786	1	8.525	8.731	8.850	8.489	7.250	6.651	8.702	0.165	7.464	0.937	-0.221	0.14573007
IPI:IPI00180292.5	0.000	0.000	n/a	n/a	18	683.619	678.992	646.798	824.065	803.484	802.595	669.803	20.057	810.048	12.147	0.274	0.00126575
IPI:IPI00180386.5	205.523	13.108	0.185	0.09525392	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00180404.7	1,803.467	8.938	-0.064	0.04709898	12	346.951	315.461	339.127	196.628	212.106	197.570	333.846	16.396	202.101	8.677	-0.724	0.00108771
IPI:IPI00180454.4	457.003	6.940	0.023	0.32856538	5	99.343	90.828	96.610	116.801	138.931	129.793	95.593	4.347	128.508	11.121	0.427	0.02406343
IPI:IPI00180625.1	0.000	0.000	n/a	n/a	1	21.446	23.319	19.223	30.839	26.354	31.668	21.329	2.050	29.620	2.859	0.474	0.01834679
IPI:IPI00180675.4	3,553.723	114.250	0.007	0.81861525	120	2,578.140	2,635.820	2,641.460	2,369.440	2,365.580	2,400.900	2,618.473	35.043	2,378.640	19.374	-0.139	0.00161272
IPI:IPI00180681.6	0.000	0.000	n/a	n/a	1	57.698	59.479	63.721	74.537	78.017	85.837	60.299	3.094	79.463	5.787	0.398	0.01428014
IPI:IPI00180685.3	51.533	1.310	0.030	0.64454406	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00180730.1	86.849	3.358	0.129	0.06109123	3	34.988	30.288	34.902	36.062	34.068	45.863	33.392	2.689	38.664	6.313	0.211	0.28507663
IPI:IPI00180764.3	46.872	4.374	-0.129	0.40811504	1	42.918	65.356	46.350	66.607	46.300	70.385	51.542	12.086	61.097	12.954	0.245	0.40437457
IPI:IPI00180954.4	106.602	4.441	-0.447	0.00047665	1	70.459	61.868	76.900	32.324	40.055	31.152	69.742	7.541	34.510	4.838	-1.015	0.00425978
IPI:IPI00181058.2	0.000	0.000	n/a	n/a	1	17.535	18.048	20.448	14.981	14.910	15.728	18.677	1.555	15.206	0.453	-0.297	0.05136082
IPI:IPI00181126.3	460.482	61.682	0.275	0.15684749	1	95.197	99.728	84.795	37.964	42.834	38.289	93.240	7.657	39.696	2.723	-1.232	0.00322668
IPI:IPI00181135.4	352.351	37.104	0.131	0.32749513	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00181294.2	35.999	3.309	0.533	0.01311302	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00181359.5	197.099	4.423	-0.052	0.35335256	13	342.496	353.827	347.130	400.006	382.126	375.055	347.818	5.697	385.729	12.860	0.149	0.02234873
IPI:IPI00181373.4	49.824	4.548	0.000	0.99927832	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00181396.5	42.816	6.227	0.058	0.70490556	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00181504.2	0.000	0.000	n/a	n/a	5	152.898	156.196	154.068	223.195	203.145	219.715	154.387	1.672	215.352	10.714	0.480	0.00886554
IPI:IPI00181617.4	76.245	3.067	-0.132	0.04303020	3	98.858	113.820	101.014	175.972	130.900	167.568	104.564	8.088	158.147	23.968	0.597	0.04883138
IPI:IPI00181620.3	6.361	1.468	-0.236	0.31361661	1	0.000	2.439	3.696	2.617	1.732	2.643	2.045	1.879	2.331	0.519	0.189	0.82273928
IPI:IPI00181702.3	89.331	2.405	0.005	0.91097231	14	347.208	392.926	341.390	393.758	317.859	369.096	360.508	28.225	360.238	38.717	-0.001	0.99408854
IPI:IPI00181728.1	354.349	12.959	0.221	0.03001459	5	199.888	195.925	208.020	127.663	157.789	146.249	201.278	6.166	143.900	15.200	-0.484	0.01289883
IPI:IPI00181753.4	127.532	10.606	1.396	0.00198708	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00181824.1	162.421	5.250	0.140	0.02867196	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00181893.1	25.708	6.417	0.074	0.77012145	1	15.277	13.067	17.798	17.959	18.378	17.851	15.380	2.367	18.063	0.279	0.232	0.18751054
IPI:IPI00181905.3	0.000	0.000	n/a	n/a	29	687.216	671.872	696.295	819.963	899.068	815.279	685.128	12.345	844.770	47.082	0.302	0.02195900
IPI:IPI00182106.4	0.000	0.000	n/a	n/a	1	35.307	37.146	33.856	58.412	50.261	49.114	35.436	1.649	52.596	5.070	0.570	0.01972303
IPI:IPI00182126.3	963.927	31.475	0.086	0.09876799	15	730.750	685.132	723.649	675.867	742.941	697.102	713.177	24.546	705.303	34.281	-0.016	0.76835284
IPI:IPI00182180.2	0.000	0.000	n/a	n/a	2	128.225	109.534	123.235	124.979	149.289	132.398	120.331	9.678	135.555	12.459	0.172	0.17472612
IPI:IPI00182289.6	166.086	27.177	-0.523	0.02360722	2	103.989	93.632	101.773	122.708	135.999	115.233	99.798	5.454	124.647	10.518	0.321	0.03609322
IPI:IPI00182293.6	490.146	66.892	0.183	0.34109420	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00182304.6	0.000	0.000	n/a	n/a	1	14.435	17.217	17.975	17.657	20.265	16.978	16.542	1.864	18.300	1.735	0.146	0.29837067
IPI:IPI00182313.1	644.084	9.009	-0.087	0.03496081	2	130.162	144.143	134.863	19.125	25.651	22.825	136.389	7.114	22.534	3.273	-2.598	0.00021417
IPI:IPI00182373.2	875.476	3.120	0.073	0.01845024	7	348.047	360.524	351.838	148.751	142.598	159.018	353.470	6.397	150.122	8.295	-1.235	0.00000857
IPI:IPI00182383.7	55.570	2.494	-0.337	0.00559876	5	199.515	183.483	201.204	158.861	171.664	148.773	194.734	9.780	159.766	11.472	-0.286	0.01671090
IPI:IPI00182406.4	75.095	4.990	-0.118	0.15178176	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00182533.5	695.517	8.625	-0.122	0.07205317	3	219.800	248.552	228.388	183.507	160.960	186.380	232.247	14.759	176.949	13.921	-0.392	0.00924807
IPI:IPI00182728.2	941.634	86.156	-0.058	0.56255579	3	221.016	188.519	221.591	242.774	281.054	239.689	210.375	18.930	254.506	23.043	0.275	0.06484912
IPI:IPI00182757.1	566.201	10.485	-0.085	0.02508549	11	789.615	846.197	791.084	676.434	619.637	666.631	808.965	32.252	654.234	30.360	-0.306	0.00381052
IPI:IPI00182933.5	157.394	26.762	-0.109	0.57437991	3	116.880	151.677	109.287	122.934	90.459	117.473	125.948	22.603	110.289	17.389	-0.192	0.40064008
IPI:IPI00182938.8	430.278	9.720	0.106	0.01704384	16	597.762	652.586	622.329	778.567	697.142	763.475	624.226	27.461	746.395	43.316	0.258	0.02040113
IPI:IPI00183002.6	1,325.310	83.800	-0.017	0.79153747	1	111.897	121.758	113.915	96.962	83.101	87.256	115.857	5.209	89.106	7.113	-0.379	0.00797455
IPI:IPI00183018.3	67.435	0.887	-0.415	0.00003415	6	111.018	104.584	121.051	131.264	143.648	138.655	112.218	8.299	137.856	6.231	0.297	0.01510089
IPI:IPI00183054.1	8.566	0.886	0.951	0.00389777	7	110.116	117.150	114.359	169.027	166.399	164.915	113.875	3.542	166.780	2.082	0.550	0.00011855
IPI:IPI00183078.8	127.691	6.209	-0.262	0.00796258	2	83.917	99.490	84.543	87.954	72.318	89.127	89.317	8.816	83.133	9.384	-0.104	0.45588994
IPI:IPI00183274.3	449.032	17.850	0.100	0.09654414	1	48.178	39.046	45.417	50.713	63.342	48.759	44.214	4.683	54.271	7.916	0.296	0.14771843
IPI:IPI00183294.4	745.100	10.412	0.111	0.03565933	23	989.863	932.950	991.340	1,059.340	1,097.790	1,084.180	971.384	33.293	1,080.437	19.496	0.154	0.01374733
IPI:IPI00183302.7	286.716	7.347	0.807	0.00022605	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00183368.7	SMG1	Isoform 3 of Serine/threonine-protein kinase SMG1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00183400.8	CSNK1A1	Isoform 1 of Casein kinase I isoform alpha	2	93.758	85.415	86.371	87.438	103.823	85.952	88.515	4.566
IPI:IPI00183462.8	DIS3	Isoform 2 of Exosome complex exonuclease RRP44	4	239.678	275.658	266.906	289.628	246.053	224.116	260.747	18.764
IPI:IPI00183500.2	NCBP2	Nuclear cap-binding protein subunit 2	1	52.112	44.966	53.700	49.795	59.740	56.808	50.259	4.652
IPI:IPI00183508.3	TWF1	twinfilin 1	9	624.077	620.298	609.492	620.782	620.966	619.697	617.956	7.569
IPI:IPI00183572.4	DOCK7	Isoform 2 of Dedicator of cytokinesis protein 7	16	1,017.610	1,002.620	1,040.650	940.920	995.915	965.133	1,020.293	19.156
IPI:IPI00183642.2	ZNF280C	Zinc finger protein 280C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00183666.8	TRPV2	Transient receptor potential cation channel subfamily V member 2	5	180.697	171.840	175.343	226.482	219.868	228.688	175.960	4.461
IPI:IPI00183695.9	S100A10	Protein S100-A10	26	2,609.920	2,548.120	2,585.640	2,228.920	2,294.160	2,256.870	2,581.227	31.135
IPI:IPI00183699.3	BBX	Isoform 2 of HMG box transcription factor BBX	2	28.384	25.912	26.789	23.398	19.259	24.640	27.028	1.253
IPI:IPI00183781.4	AP2S1	Isoform 2 of AP-2 complex subunit sigma-1	6	246.108	283.688	246.723	280.885	260.900	280.788	258.840	21.521
IPI:IPI00183786.1	FADS2	Isoform 1 of Fatty acid desaturase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00183938.6	TTC27	Tetratricopeptide repeat protein 27	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00183968.4	TPM3	tropomyosin 3 isoform 1	21	2,744.080	2,689.680	2,689.660	2,448.190	2,555.480	2,576.810	2,707.807	31.414
IPI:IPI00184119.6	DNAJC6	Isoform 2 of Putative tyrosine-protein phosphatase auxilin	2	41.818	49.510	45.059	54.555	48.081	57.826	45.462	3.862
IPI:IPI00184135.5	E4F1	Transcription factor E4F1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00184190.3	ENOSF1	Isoform 2 of Mitochondrial enolase superfamily member 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00184311.4	ENPP1	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1	2	94.956	96.628	92.267	80.516	88.597	87.959	94.617	2.200
IPI:IPI00184330.5	MCM2	DNA replication licensing factor MCM2	5	286.702	294.901	279.301	235.907	215.086	242.652	286.968	7.803
IPI:IPI00184363.5	GLTP	Glycolipid transfer protein	6	558.469	523.701	527.433	464.044	474.491	482.082	536.534	19.087
IPI:IPI00184376.4	C9orf126	Isoform 2 of UPF0682 protein C9orf126	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00184474.7	GPR107	Isoform 3 of Protein GPR107	2	96.912	111.950	97.482	164.783	138.878	161.119	102.115	8.523
IPI:IPI00184533.1	USP11	ubiquitin specific peptidase 11	1	43.377	39.080	38.681	22.378	23.087	24.628	40.379	2.603
IPI:IPI00184546.4	C12orf23	UPF0444 transmembrane protein C12orf23	3	248.692	265.281	249.139	312.556	281.413	306.954	254.371	9.451
IPI:IPI00184821.1	COASY	Isoform 1 of Bifunctional coenzyme A synthase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00184871.3	C6orf130	Uncharacterized protein C6orf130	1	40.585	36.672	42.683	42.486	36.643	40.320	39.980	3.051
IPI:IPI00184997.4	DLGAP5	discs large homolog 7 isoform b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00185027.4	RERE	Isoform 1 of Arginine-glutamic acid dipeptide repeats protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00185146.5	IPO9	Importin-9	2	81.466	86.378	79.582	82.726	91.544	80.649	82.475	3.509
IPI:IPI00185258.6	RPE;hCG_20	RcRPE (Fragment)	2	157.257	180.824	159.438	180.358	169.269	183.097	165.840	13.023
IPI:IPI00185361.5	DDX55	ATP-dependent RNA helicase DDX55	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00185374.4	PSMD12	26S proteasome non-ATPase regulatory subunit 12	11	432.195	476.642	447.085	481.141	433.195	476.564	451.974	22.623
IPI:IPI00185533.7	SEH1L	Isoform A of Nucleoporin SEH1-like	1	91.347	108.568	90.761	107.870	92.882	104.209	96.892	10.116
IPI:IPI00185769.3	RECQL5	cDNA FLJ61700, highly similar to ATP-dependent DNA helicase Q5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00185859.2	MRPL45	39S ribosomal protein L45, mitochondrial	5	356.661	373.211	341.554	375.561	339.578	371.603	357.142	15.834
IPI:IPI00185919.3	LARP1	Isoform 1 of La-related protein 1	20	1,007.350	1,000.800	1,009.900	1,117.850	1,114.260	1,116.500	1,006.017	4.694
IPI:IPI00186139.8	KRI1	Kri1 family protein	6	225.464	207.420	232.887	231.817	230.930	227.399	221.924	13.097
IPI:IPI00186194.5	CEP170	Isoform 1 of Centrosomal protein of 170 kDa	14	866.311	871.822	862.525	883.483	873.603	906.041	866.886	4.675
IPI:IPI00186290.6	EEF2	Elongation factor 2	109	9,597.790	9,547.020	9,605.460	8,285.770	8,558.050	8,402.030	9,583.423	31.759
IPI:IPI00186460.7	COL2A1	Isoform 1 of Collagen alpha-1(II) chain	10	113.516	104.369	104.268	1,019.720	980.785	1,002.660	107.384	5.310
IPI:IPI00186581.8	OS9	osteosarcoma amplified 9 isoform 2 precursor	5	198.295	195.946	194.726	212.276	192.895	200.606	196.322	1.814
IPI:IPI00186586.1	C9orf86	Isoform 3 of Putative GTP-binding protein Parf	1	21.195	22.667	24.000	23.160	25.741	26.315	22.620	1.403
IPI:IPI00186681.1	ACBD5	Isoform 1 of Acyl-CoA-binding domain-containing protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00186704.2	GALK2	galactokinase 2 isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00186721.2	GOPC	Isoform 1 of Golgi-associated PDZ and coiled-coil motif-containing protein	6	182.857	177.158	183.104	197.997	191.248	195.724	181.040	3.364
IPI:IPI00186808.6	TP53BP2	tumor protein p53 binding protein, 2 isoform 1	1	36.560	40.225	35.649	32.586	28.026	29.819	37.478	2.422
IPI:IPI00186843.4	KLHL7	Kelch-like protein 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00186966.3	BIN1	Isoform IIA of Myc box-dependent-interacting protein 1	8	243.945	254.020	242.395	285.510	295.431	294.104	246.787	6.312
IPI:IPI00186968.4	CLSPN	Isoform 3 of Claspin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00187011.4	ZC3H4	Zinc finger CCCH domain-containing protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00187140.1	RPS26P11	Putative 40S ribosomal protein S26-like 1	11	266.564	321.315	282.772	332.914	260.699	247.209	290.217	28.125
IPI:IPI00215610.2	MPP1	55 kDa erythrocyte membrane protein	4	252.519	266.827	252.506	247.099	230.525	258.384	257.284	8.264
IPI:IPI00215611.5	CRIP1	Cysteine-rich protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00183368.7	0.000	0.000	n/a	n/a	4	75.987	76.064	78.912	105.838	111.856	100.752	76.988	1.667	106.149	5.559	0.463	0.00764894
IPI:IPI00183400.8	92.404	9.917	0.062	0.58404464	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00183462.8	253.266	33.346	-0.042	0.75649003	8	566.798	603.882	589.639	335.884	319.219	343.149	586.773	18.707	332.751	12.269	-0.818	0.00011562
IPI:IPI00183500.2	55.448	5.110	0.142	0.26405734	1	116.009	93.701	104.689	37.314	53.140	43.016	104.800	11.155	44.490	8.015	-1.236	0.00234856
IPI:IPI00183508.3	620.482	0.686	0.006	0.62348259	15	777.278	864.997	795.306	502.777	475.503	488.222	812.527	46.326	488.834	13.647	-0.733	0.00400538
IPI:IPI00183572.4	967.323	27.563	-0.077	0.05926553	17	678.025	682.133	663.220	793.435	727.566	770.057	674.459	9.948	763.686	33.393	0.179	0.03486520
IPI:IPI00183642.2	0.000	0.000	n/a	n/a	5	251.839	222.079	253.019	263.070	311.332	268.438	242.312	17.533	280.947	26.451	0.213	0.11316043
IPI:IPI00183666.8	225.013	4.590	0.355	0.00018776	2	17.708	13.833	15.612	17.134	15.161	16.666	15.718	1.940	16.320	1.031	0.054	0.67221018
IPI:IPI00183695.9	2,259.983	32.731	-0.192	0.00025354	39	2,451.920	2,306.830	2,513.150	2,086.520	2,307.570	2,159.230	2,423.967	105.962	2,184.440	112.661	-0.150	0.05552770
IPI:IPI00183699.3	22.432	2.817	-0.269	0.08906935	3	97.066	94.752	106.768	127.116	135.243	123.905	99.529	6.375	128.755	5.844	0.371	0.00435272
IPI:IPI00183781.4	274.191	11.510	0.083	0.35480667	2	106.520	120.736	113.803	52.044	51.622	57.631	113.686	7.109	53.765	3.354	-1.080	0.00121530
IPI:IPI00183786.1	0.000	0.000	n/a	n/a	5	117.414	101.678	113.310	142.150	145.659	131.511	110.801	8.163	139.773	7.367	0.335	0.01057562
IPI:IPI00183938.6	0.000	0.000	n/a	n/a	1	11.484	11.150	11.557	10.230	10.226	9.575	11.397	0.217	10.010	0.377	-0.187	0.00992367
IPI:IPI00183968.4	2,526.827	68.931	-0.100	0.02937083	8	313.603	295.619	332.683	127.062	141.980	131.535	313.968	18.535	133.526	7.656	-1.234	0.00108535
IPI:IPI00184119.6	53.487	4.960	0.235	0.09566742	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00184135.5	0.000	0.000	n/a	n/a	2	27.145	22.636	25.811	32.521	39.717	37.394	25.197	2.316	36.544	3.673	0.536	0.01563741
IPI:IPI00184190.3	0.000	0.000	n/a	n/a	2	76.810	77.227	75.863	99.955	95.152	103.975	76.633	0.699	99.694	4.417	0.380	0.01056252
IPI:IPI00184311.4	85.691	4.493	-0.143	0.05604606	1	31.709	33.726	30.037	25.531	18.827	21.092	31.824	1.847	21.817	3.410	-0.545	0.01975573
IPI:IPI00184330.5	231.215	14.369	-0.312	0.00896103	15	544.378	606.963	562.412	768.820	718.991	739.536	571.251	32.215	742.449	25.042	0.378	0.00238457
IPI:IPI00184363.5	473.539	9.057	-0.180	0.01591476	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00184376.4	0.000	0.000	n/a	n/a	1	12.815	12.741	14.304	13.014	15.943	14.386	13.287	0.881	14.447	1.465	0.121	0.31834616
IPI:IPI00184474.7	154.927	14.019	0.601	0.00884889	1	11.845	12.066	11.935	5.287	6.219	7.200	11.949	0.111	6.235	0.957	-0.938	0.00854049
IPI:IPI00184533.1	23.364	1.150	-0.789	0.00278532	2	81.702	75.534	77.001	80.807	78.533	78.913	78.079	3.222	79.418	1.218	0.025	0.55698465
IPI:IPI00184546.4	300.308	16.601	0.240	0.02256432	4	193.853	177.236	193.880	227.806	245.292	242.225	188.323	9.602	238.441	9.337	0.340	0.00293079
IPI:IPI00184821.1	0.000	0.000	n/a	n/a	1	23.401	31.767	25.991	32.088	26.841	29.026	27.053	4.283	29.318	2.636	0.116	0.48749173
IPI:IPI00184871.3	39.816	2.954	-0.006	0.95041724	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00184997.4	0.000	0.000	n/a	n/a	6	166.985	193.728	167.994	198.365	182.421	193.576	176.236	15.157	191.454	8.181	0.119	0.22140433
IPI:IPI00185027.4	0.000	0.000	n/a	n/a	1	36.938	52.663	34.241	69.208	44.498	63.828	41.281	9.949	59.178	12.994	0.520	0.13599264
IPI:IPI00185146.5	84.973	5.785	0.043	0.56456078	4	160.674	146.195	157.477	172.435	176.645	172.319	154.782	7.606	173.800	2.465	0.167	0.03888852
IPI:IPI00185258.6	177.575	7.322	0.099	0.26320204	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00185361.5	0.000	0.000	n/a	n/a	1	23.351	24.088	26.876	32.091	32.892	35.407	24.772	1.859	33.463	1.730	0.434	0.00413308
IPI:IPI00185374.4	463.633	26.460	0.037	0.59431462	11	650.494	662.337	658.651	540.495	529.583	543.192	657.161	6.061	537.757	7.206	-0.289	0.00003204
IPI:IPI00185533.7	101.654	7.814	0.069	0.55682609	1	34.957	30.594	31.276	34.890	35.829	32.509	32.276	2.347	34.409	1.711	0.092	0.27826251
IPI:IPI00185769.3	0.000	0.000	n/a	n/a	1	24.857	23.689	22.520	36.380	36.545	34.208	23.689	1.169	35.711	1.305	0.592	0.00030680
IPI:IPI00185859.2	362.247	19.732	0.020	0.74535508	11	675.860	708.462	660.323	660.058	584.775	642.450	681.548	24.568	629.094	39.378	-0.116	0.13562242
IPI:IPI00185919.3	1,116.203	1.813	0.150	0.00012853	26	1,113.470	1,144.430	1,132.480	1,290.200	1,337.170	1,271.870	1,130.127	15.614	1,299.747	33.681	0.202	0.00523004
IPI:IPI00186139.8	230.049	2.337	0.052	0.39560401	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00186194.5	887.709	16.627	0.034	0.15483907	1	42.168	34.057	44.593	41.479	39.404	35.134	40.273	5.518	38.672	3.235	-0.059	0.69240445
IPI:IPI00186290.6	8,415.283	136.623	-0.188	0.00311910	132	7,133.470	7,048.880	7,114.550	6,628.130	6,750.530	6,678.160	7,098.967	44.396	6,685.607	61.539	-0.087	0.00110032
IPI:IPI00186460.7	1,001.055	19.517	3.221	0.00006075	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00186581.8	201.926	9.758	0.041	0.42550777	16	561.940	569.760	564.291	707.599	748.438	734.871	565.330	4.012	730.303	20.799	0.369	0.00410215
IPI:IPI00186586.1	25.072	1.680	0.148	0.12690138	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00186681.1	0.000	0.000	n/a	n/a	3	73.752	73.005	84.249	96.190	125.425	101.842	77.002	6.287	107.819	15.507	0.486	0.05933668
IPI:IPI00186704.2	0.000	0.000	n/a	n/a	1	58.721	51.033	53.107	68.799	80.425	75.332	54.287	3.977	74.852	5.828	0.463	0.01002880
IPI:IPI00186721.2	194.990	3.434	0.107	0.00737260	2	41.703	46.740	51.130	56.267	58.870	51.679	46.524	4.717	55.606	3.641	0.257	0.06152911
IPI:IPI00186808.6	30.144	2.297	-0.314	0.01917461	7	333.309	337.590	330.625	365.872	374.669	383.053	333.841	3.513	374.531	8.591	0.166	0.00720059
IPI:IPI00186843.4	0.000	0.000	n/a	n/a	4	95.896	98.108	103.364	142.292	146.592	134.701	99.123	3.836	141.195	6.021	0.510	0.00115505
IPI:IPI00186966.3	291.682	5.386	0.241	0.00081443	11	523.376	564.601	505.863	812.149	689.253	770.811	531.280	30.156	757.404	62.535	0.512	0.01228654
IPI:IPI00186968.4	0.000	0.000	n/a	n/a	6	149.750	170.098	149.748	144.533	124.158	135.680	156.532	11.749	134.790	10.217	-0.216	0.07414103
IPI:IPI00187011.4	0.000	0.000	n/a	n/a	7	184.788	188.498	178.064	150.651	149.339	156.409	183.783	5.289	152.133	3.761	-0.273	0.00167029
IPI:IPI00187140.1	280.274	46.084	-0.050	0.76948338	1	43.051	41.534	51.186	11.108	15.818	12.854	45.257	5.191	13.260	2.381	-1.771	0.00305552
IPI:IPI00215610.2	245.336	14.013	-0.069	0.28728995	8	138.141	156.680	148.953	173.400	181.574	177.121	147.925	9.312	177.365	4.092	0.262	0.01885592
IPI:IPI00215611.5	0.000	0.000	n/a	n/a	12	978.672	900.405	1,002.910	406.095	492.774	429.187	960.662	53.573	442.685	44.888	-1.118	0.00025585

IPI:IPI00215613.7	ITGA11	Integrin alpha-11	10	617.572	614.989	615.461	816.391	816.856	820.469	616.007	1.375
IPI:IPI00215637.5	DDX3X	ATP-dependent RNA helicase DDX3X	23	1,932.080	1,901.500	1,897.860	1,669.310	1,631.140	1,675.230	1,910.480	18.794
IPI:IPI00215687.1	GLS	Isoform GAC of Glutaminase kidney isoform, mitochondrial	2	89.269	92.045	88.395	40.274	39.523	41.161	89.903	1.906
IPI:IPI00215716.1	EPB41L3	Isoform B of Band 4.1-like protein 3	24	1,283.590	1,264.010	1,356.010	1,176.260	1,150.980	1,164.930	1,301.203	48.463
IPI:IPI00215719.6	RPL18	60S ribosomal protein L18	15	1,300.060	1,398.710	1,274.560	1,230.620	1,108.620	1,242.590	1,324.443	65.568
IPI:IPI00215720.1	FMR1	Isoform 1 of Fragile X mental retardation 1 protein	1	24.242	20.308	20.922	12.757	14.076	11.626	21.824	2.116
IPI:IPI00215721.1	FMR1	Isoform 2 of Fragile X mental retardation 1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00215746.3	FABP4	Fatty acid-binding protein, adipocyte	3	129.606	226.197	123.074	197.198	278.921	106.854	159.626	57.745
IPI:IPI00215768.3	GCLC	Glutamate--cysteine ligase catalytic subunit	4	174.601	169.988	173.973	197.768	223.052	202.669	172.854	2.502
IPI:IPI00215780.5	RPS19	40S ribosomal protein S19	4	318.148	304.028	444.453	165.481	200.942	123.012	355.543	77.321
IPI:IPI00215790.6	RPL38	60S ribosomal protein L38	5	531.456	523.968	534.135	649.122	662.126	654.730	529.853	5.270
IPI:IPI00215831.2	RHBDD3	Rhomboid domain-containing protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00215874.7	TMEM194A	Isoform 1 of Transmembrane protein 194A	1	52.908	50.133	58.629	60.639	62.163	60.872	53.890	4.332
IPI:IPI00215884.4	SFRS1	Isoform ASF-1 of Splicing factor, arginine/serine-rich 1	7	551.885	561.570	551.140	497.354	499.651	532.254	554.865	5.819
IPI:IPI00215888.4	SRP72	Signal recognition particle 72 kDa protein	26	1,727.690	1,674.810	1,626.520	1,820.310	1,892.020	1,854.480	1,676.340	50.602
IPI:IPI00215890.3	ZNF22	Zinc finger protein 22	1	64.304	63.567	71.590	76.607	66.719	66.669	66.487	4.435
IPI:IPI00215893.8	HMOX1	Heme oxygenase 1	1	41.698	36.744	36.663	87.637	95.708	88.246	38.368	2.884
IPI:IPI00215901.1	AK2	Isoform 1 of Adenylate kinase 2, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00215911.3	APEX1	DNA-(apurinic or apyrimidinic site) lyase	11	546.882	538.224	567.272	497.070	493.650	466.423	550.793	14.914
IPI:IPI00215914.5	ARF1	ADP-ribosylation factor 1	9	517.478	520.390	528.857	527.677	587.734	516.857	522.242	5.911
IPI:IPI00215918.3	ARF4	ADP-ribosylation factor 4	4	50.869	59.335	59.405	56.631	59.557	57.758	56.536	4.909
IPI:IPI00215919.5	ARF5	ADP-ribosylation factor 5	3	174.504	161.626	179.092	173.067	206.196	185.205	171.741	9.055
IPI:IPI00215920.8	ARF6	ADP-ribosylation factor 6	5	469.973	445.615	467.698	472.299	544.374	487.061	461.095	13.455
IPI:IPI00215928.4	CETN2	Centrin-2	1	39.108	34.163	43.169	38.910	42.477	41.986	38.813	4.510
IPI:IPI00215948.4	CTNNA1	Isoform 1 of Catenin alpha-1	42	2,491.170	2,368.920	2,488.130	2,480.380	2,609.730	2,569.510	2,449.407	69.720
IPI:IPI00215965.2	HNRNPA1	Isoform A1-B of Heterogeneous nuclear ribonucleoprotein A1	20	1,157.970	1,375.170	1,187.380	1,056.260	877.512	963.165	1,240.173	117.832
IPI:IPI00215974.2	QTRT1	Queuine tRNA-ribosyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00215978.4	POLR3D	DNA-directed RNA polymerase III subunit RPC4	1	9.743	9.139	11.170	9.771	10.868	10.741	10.017	1.043
IPI:IPI00215980.1	PVRL2	Isoform Alpha of Poliovirus receptor-related protein 2	1	26.083	29.276	32.763	35.851	36.411	39.566	29.374	3.341
IPI:IPI00215995.1	ITGA3	Isoform Alpha-3A of Integrin alpha-3	8	527.643	527.884	526.126	472.968	512.310	498.227	527.218	0.953
IPI:IPI00215997.5	CD9	CD9 antigen	3	199.497	196.846	209.329	243.738	248.746	236.406	201.891	6.577
IPI:IPI00215998.5	CD63	CD63 antigen	3	88.539	83.977	85.887	153.656	168.840	161.556	86.134	2.291
IPI:IPI00216003.4	CUL5	Cullin-5	13	1,011.490	1,010.230	1,021.170	1,058.420	1,087.660	1,085.700	1,014.297	5.986
IPI:IPI00216008.4	G6PD	Isoform Long of Glucose-6-phosphate 1-dehydrogenase	18	873.261	886.182	848.825	952.101	902.041	941.768	869.423	18.972
IPI:IPI00216046.3	SMARCA1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1, isoform CRA_d	6	379.310	374.475	393.124	304.574	329.538	324.060	382.303	9.678
IPI:IPI00216047.3	SMARCC2	Isoform 1 of SWI/SNF complex subunit SMARCC2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216048.9	PITPNA	Phosphatidylinositol transfer protein alpha isoform	6	519.982	481.418	526.768	516.095	570.809	517.804	509.389	24.460
IPI:IPI00216049.1	HNRNPK	Isoform 1 of Heterogeneous nuclear ribonucleoprotein K	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216057.5	SORD	Sorbitol dehydrogenase	2	124.388	104.988	107.451	82.420	78.189	83.071	112.276	10.562
IPI:IPI00216085.3	COX6B1	Cytochrome c oxidase subunit 6B1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216088.3	CRABP2	Cellular retinoic acid-binding protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216107.1	SLC8A1	Isoform 3 of Sodium/calcium exchanger 1	2	96.907	94.654	96.719	119.867	108.995	121.907	96.093	1.250
IPI:IPI00216135.1	TPM1	Isoform 3 of Tropomyosin alpha-1 chain	5	491.197	464.963	510.621	394.013	464.070	423.245	488.927	22.913
IPI:IPI00216138.6	TAGLN	Transgelin	124	8,658.480	9,348.430	8,492.840	9,194.520	8,839.360	9,248.570	8,833.250	453.781
IPI:IPI00216139.3	41523	Isoform I of Septin-6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216159.1	GFPT2	Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 2	1	64.079	74.377	65.825	61.381	53.629	62.772	68.094	5.511
IPI:IPI00216164.4	EHHADH	Peroxisomal bifunctional enzyme	2	59.142	70.139	55.202	76.883	63.708	75.097	61.494	7.741
IPI:IPI00216171.3	ENO2	Gamma-enolase	10	408.261	449.531	399.367	508.387	442.116	512.730	419.053	26.767
IPI:IPI00216184.3	PICALM	Isoform 2 of Phosphatidylinositol-binding clathrin assembly protein	10	942.989	936.760	927.276	705.490	650.740	685.580	935.675	7.912
IPI:IPI00216219.3	TJP1	Isoform Long of Tight junction protein ZO-1	31	1,852.480	1,812.310	1,817.060	1,773.660	1,753.140	1,765.040	1,827.283	21.950
IPI:IPI00216230.3	TMPO	Lamina-associated polypeptide 2, isoform alpha	13	550.154	553.022	562.810	340.824	341.286	338.238	555.329	6.636
IPI:IPI00216237.5	RPL36	60S ribosomal protein L36	2	131.787	135.111	147.499	103.751	107.958	79.156	138.132	8.280

IPI:IPI00215613.7	817.905	2.232	0.409	0.00000036	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00215637.5	1,658.560	23.930	-0.204	0.00020246	25	1,198.810	1,158.960	1,170.950	858.514	866.612	858.096	1,176.240	20.445	861.074	4.801	-0.450	0.00084081
IPI:IPI00215687.1	40.319	0.820	-1.157	0.00007035	28	950.390	946.702	1,000.990	1,122.370	1,203.710	1,124.370	966.027	30.335	1,150.150	46.395	0.252	0.00708754
IPI:IPI00215716.1	1,164.057	12.663	-0.161	0.03250238	1	50.821	48.955	40.659	2.109	3.336	4.908	46.812	5.409	3.451	1.403	-3.762	0.00329089
IPI:IPI00215719.6	1,193.943	74.134	-0.150	0.08565115	11	888.450	946.049	891.072	1,356.540	1,277.550	1,309.900	908.524	32.524	1,314.663	39.710	0.533	0.00020920
IPI:IPI00215720.1	12.820	1.226	-0.768	0.00637460	9	351.718	377.298	373.205	406.955	397.501	398.914	367.407	13.740	401.123	5.100	0.127	0.03827268
IPI:IPI00215721.1	0.000	0.000	n/a	n/a	3	261.303	229.965	259.574	301.819	339.611	311.136	250.281	17.615	317.522	19.689	0.343	0.01198411
IPI:IPI00215746.3	194.324	86.069	0.284	0.59763603	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00215768.3	207.830	13.409	0.266	0.04166468	3	145.261	155.721	160.592	206.957	195.102	203.106	153.858	7.833	201.722	6.048	0.391	0.00145375
IPI:IPI00215780.5	163.145	39.017	-1.124	0.03190575	9	314.336	279.571	311.314	500.738	524.339	482.004	301.740	19.259	502.360	21.214	0.735	0.00028077
IPI:IPI00215790.6	655.326	6.522	0.307	0.00002045	4	179.192	201.294	176.007	265.764	233.345	257.936	185.498	13.772	252.348	16.916	0.444	0.00677422
IPI:IPI00215831.2	0.000	0.000	n/a	n/a	1	4.483	5.611	4.790	11.623	10.845	9.886	4.961	0.583	10.784	0.870	1.120	0.00123763
IPI:IPI00215874.7	61.224	0.821	0.184	0.09445310	2	50.212	51.041	50.999	70.689	72.991	70.235	50.751	0.467	71.305	1.478	0.491	0.00072709
IPI:IPI00215884.4	509.753	19.520	-0.122	0.04746027	15	783.627	857.085	776.617	1,112.470	1,007.310	1,069.250	805.776	44.573	1,063.010	52.857	0.400	0.00328895
IPI:IPI00215888.4	1,855.603	35.868	0.147	0.00976552	17	534.659	553.879	552.578	622.022	588.670	605.213	547.039	10.741	605.302	16.676	0.146	0.01063132
IPI:IPI00215890.3	69.998	5.723	0.074	0.45150456	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00215893.8	90.530	4.495	1.238	0.00020972	6	139.401	127.645	150.682	146.357	170.614	153.151	139.243	11.519	156.707	12.513	0.170	0.15088821
IPI:IPI00215901.1	0.000	0.000	n/a	n/a	26	890.813	815.117	861.486	836.159	880.400	842.421	855.805	38.166	852.993	23.940	-0.005	0.92209684
IPI:IPI00215911.3	485.714	16.794	-0.181	0.00768479	27	1,441.460	1,471.830	1,443.300	1,485.270	1,352.860	1,471.080	1,452.197	17.028	1,436.403	72.698	-0.016	0.74634629
IPI:IPI00215914.5	544.089	38.183	0.059	0.42675555	4	189.176	171.430	177.647	20.690	38.399	33.727	179.418	9.005	30.939	9.178	-2.536	0.00003743
IPI:IPI00215918.3	57.982	1.476	0.036	0.66712881	3	199.284	187.599	203.993	8.147	21.331	16.391	196.959	8.441	15.290	6.661	-3.687	0.00001343
IPI:IPI00215919.5	188.156	16.760	0.132	0.23036473	2	64.827	58.357	61.959	24.524	27.622	27.990	61.714	3.242	26.712	1.904	-1.208	0.00033721
IPI:IPI00215920.8	501.245	38.073	0.120	0.20225962	3	308.266	276.472	294.955	112.204	126.865	126.868	293.231	15.967	121.979	8.465	-1.265	0.00045701
IPI:IPI00215928.4	41.124	1.934	0.083	0.48030089	8	314.866	265.249	323.115	210.337	255.384	216.317	301.077	31.301	227.346	24.465	-0.405	0.03529739
IPI:IPI00215948.4	2,553.207	66.198	0.060	0.13522132	37	1,197.430	1,257.630	1,166.620	1,421.830	1,307.160	1,400.360	1,207.227	46.289	1,376.450	60.960	0.189	0.02134353
IPI:IPI00215965.2	965.646	89.400	-0.361	0.03591812	91	3,036.110	3,094.960	3,078.830	2,487.930	2,463.920	2,454.300	3,069.967	30.410	2,468.717	17.321	-0.314	0.00005423
IPI:IPI00215974.2	0.000	0.000	n/a	n/a	1	20.004	21.811	20.865	11.810	15.026	14.059	20.894	0.904	13.631	1.650	-0.616	0.00614829
IPI:IPI00215978.4	10.460	0.600	0.062	0.56719652	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00215980.1	37.276	2.003	0.344	0.03416868	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00215995.1	494.502	19.934	-0.092	0.10454691	14	903.801	816.713	923.981	708.495	814.006	729.358	881.498	57.006	750.620	55.877	-0.232	0.04693707
IPI:IPI00215997.5	242.963	6.206	0.267	0.00143228	3	210.400	241.490	200.549	222.202	190.820	216.501	217.480	21.369	209.841	16.717	-0.052	0.65489331
IPI:IPI00215998.5	161.351	7.594	0.906	0.00173240	1	33.976	32.195	38.515	1.681	2.260	1.986	34.895	3.259	1.976	0.290	-4.142	0.00306909
IPI:IPI00216003.4	1,077.260	16.345	0.087	0.01339378	8	375.663	377.120	382.241	495.605	471.683	473.612	378.341	3.455	480.300	13.290	0.344	0.00362500
IPI:IPI00216008.4	931.970	26.429	0.100	0.03378292	29	1,508.520	1,455.670	1,484.890	1,693.490	1,694.640	1,663.500	1,483.027	26.474	1,683.877	17.656	0.183	0.00080782
IPI:IPI00216046.3	319.391	13.121	-0.259	0.00349267	18	882.202	872.917	864.970	1,197.100	1,193.320	1,187.500	873.363	8.625	1,192.640	4.836	0.450	0.00000805
IPI:IPI00216047.3	0.000	0.000	n/a	n/a	43	1,620.330	1,665.180	1,653.580	1,964.760	1,945.950	1,967.240	1,646.363	23.280	1,959.317	11.642	0.251	0.00027462
IPI:IPI00216048.9	534.903	31.108	0.071	0.33012568	6	180.292	175.415	178.174	192.550	187.607	192.272	177.960	2.446	190.810	2.777	0.101	0.00405321
IPI:IPI00216049.1	0.000	0.000	n/a	n/a	29	692.953	701.793	718.088	816.151	874.676	840.016	704.278	12.750	843.614	29.428	0.260	0.00672978
IPI:IPI00216057.5	81.227	2.651	-0.467	0.03032754	4	220.042	224.477	228.812	214.351	228.800	232.661	224.444	4.385	225.271	9.652	0.005	0.90254953
IPI:IPI00216085.3	0.000	0.000	n/a	n/a	3	77.327	92.596	79.509	70.587	64.146	63.882	83.144	8.258	66.205	3.797	-0.329	0.05301946
IPI:IPI00216088.3	0.000	0.000	n/a	n/a	22	858.441	873.096	813.587	824.473	717.309	797.396	848.375	31.005	779.726	55.724	-0.122	0.15546512
IPI:IPI00216107.1	116.923	6.941	0.283	0.03170812	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216135.1	427.109	35.188	-0.195	0.07338669	14	763.859	722.735	766.285	438.224	496.253	481.733	750.960	24.473	472.070	30.197	-0.670	0.00030913
IPI:IPI00216138.6	9,094.150	222.303	0.042	0.43942522	11	1,231.250	1,177.040	1,249.650	15.799	28.466	25.300	1,219.313	37.748	23.188	6.592	-5.717	0.00022910
IPI:IPI00216139.3	0.000	0.000	n/a	n/a	4	109.490	103.908	112.573	130.263	136.430	138.872	108.657	4.392	135.188	4.437	0.315	0.00181745
IPI:IPI00216159.1	59.261	4.927	-0.200	0.10841742	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216164.4	71.896	7.147	0.225	0.16350987	5	198.273	181.496	201.217	142.363	165.188	148.608	193.662	10.638	152.053	11.796	-0.349	0.01079997
IPI:IPI00216171.3	487.744	39.575	0.219	0.07616140	7	151.770	152.871	142.205	136.405	136.984	146.450	148.949	5.866	139.946	5.640	-0.090	0.12799863
IPI:IPI00216184.3	680.603	27.712	-0.459	0.00219111	12	413.404	425.349	403.592	478.146	449.787	482.464	414.115	10.896	470.132	17.751	0.183	0.01492853
IPI:IPI00216219.3	1,763.947	10.304	-0.051	0.02273032	33	1,469.220	1,426.970	1,447.040	1,498.680	1,505.500	1,522.470	1,447.743	21.134	1,508.883	12.251	0.060	0.01972651
IPI:IPI00216230.3	340.116	1.643	-0.707	0.00015463	43	1,372.530	1,478.640	1,417.830	1,580.450	1,611.260	1,535.090	1,423.000	53.244	1,575.600	38.316	0.147	0.01905573
IPI:IPI00216237.5	96.955	15.557	-0.511	0.02635786	1	35.124	39.852	37.842	35.622	26.695	31.176	37.606	2.373	31.164	4.463	-0.271	0.11311096

IPI:IPI00216293.6	TST	Thiosulfate sulfurtransferase	1	69.794	81.083	71.364	101.198	97.979	87.442	74.080	6.115
IPI:IPI00216298.6	TXN	Thioredoxin	17	1,666.170	1,368.000	1,589.470	1,444.960	1,681.590	1,615.740	1,541.213	154.832
IPI:IPI00216308.5	VDAC1	Voltage-dependent anion-selective channel protein 1	37	1,738.190	1,690.060	1,690.010	1,910.390	1,970.410	1,924.800	1,706.087	27.802
IPI:IPI00216318.5	YWHAB	Isoform Long of 14-3-3 protein beta/alpha	42	1,493.000	1,570.070	1,542.720	1,672.050	1,696.030	1,661.960	1,535.263	39.072
IPI:IPI00216319.3	YWHAH	14-3-3 protein eta	21	873.266	1,005.210	907.157	1,113.360	1,143.220	1,018.510	928.544	68.523
IPI:IPI00216337.1	GGA1	Isoform 2 of ADP-ribosylation factor-binding protein GGA1	2	61.438	65.282	69.407	68.547	78.728	66.533	65.376	3.985
IPI:IPI00216338.4	TXNL4A	Thioredoxin-like protein 4A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216348.1	DYNC1I2	Isoform 2C of Cytoplasmic dynein 1 intermediate chain 2	20	1,276.390	1,232.150	1,279.500	1,303.550	1,391.730	1,335.090	1,262.680	26.485
IPI:IPI00216393.1	CLTA	Isoform Non-brain of Clathrin light chain A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216423.1	ITSN2	Isoform 4 of Intersectin-2	9	474.882	487.057	497.560	479.328	487.196	496.985	486.500	11.349
IPI:IPI00216461.4	ACYP2	Acylphosphatase-2	1	22.548	19.850	18.487	17.690	21.857	20.196	20.295	2.067
IPI:IPI00216470.1	PIP4K2B	Isoform 1 of Phosphatidylinositol-5-phosphate 4-kinase type-2 beta	2	91.753	98.147	88.076	118.686	108.016	110.734	92.658	5.096
IPI:IPI00216472.1	CLTB	Isoform Non-brain of Clathrin light chain B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216484.6	ARMC9	Isoform 2 of LisH domain-containing protein ARMC9	2	106.689	102.782	108.039	174.029	189.570	192.041	105.837	2.730
IPI:IPI00216505.1	MLLT4	Isoform 3 of Afadin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216514.6	CD47	Isoform OA3-293 of Leukocyte surface antigen CD47	3	156.037	154.613	151.929	173.127	190.625	182.280	154.193	2.086
IPI:IPI00216520.1	ARFIP1	Isoform A of Arfaptin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216546.3	ZDHHC5	Isoform 2 of Probable palmitoyltransferase ZDHHC5	1	29.212	26.986	31.617	35.695	39.236	39.879	29.272	2.316
IPI:IPI00216587.9	RPS8	40S ribosomal protein S8	24	1,843.890	1,716.180	1,888.240	1,526.650	1,698.880	1,568.370	1,816.103	89.332
IPI:IPI00216592.2	HNRNPC	Isoform C1 of Heterogeneous nuclear ribonucleoproteins C1/C2	28	2,371.380	2,469.850	2,442.330	2,278.660	2,343.710	2,191.610	2,427.853	50.806
IPI:IPI00216616.1	TNIP1	Isoform 2 of TNFAIP3-interacting protein 1	3	63.576	62.188	68.595	249.416	239.408	249.437	64.786	3.371
IPI:IPI00216654.2	NOLC1	Isoform Beta of Nucleolar phosphoprotein p130	7	498.546	458.963	514.851	441.014	482.296	457.925	490.787	28.741
IPI:IPI00216674.1	CASP7	Isoform Beta of Caspase-7	1	91.764	78.494	98.103	85.784	100.980	93.186	89.454	10.007
IPI:IPI00216675.1	CASP7	Isoform Alpha' of Caspase-7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216682.5	CNN3	Calponin-3	34	2,531.650	2,431.670	2,464.200	2,505.350	2,671.900	2,567.160	2,475.840	50.996
IPI:IPI00216689.2	PCBP2	Poly(rC)-binding protein 2	3	161.429	160.431	164.759	160.180	164.295	174.740	162.206	2.266
IPI:IPI00216691.5	PFN1	Profilin-1	51	3,765.430	3,815.560	3,708.630	3,824.330	3,900.760	3,863.620	3,763.207	53.500
IPI:IPI00216694.3	PLS3	Plastin-3	55	3,797.170	3,819.700	3,860.700	3,418.710	3,448.580	3,416.610	3,825.857	32.209
IPI:IPI00216696.1	SNX14	sorting nexin 14 isoform b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216697.3	ANK1	Isoform Er1 of Ankyrin-1	1	40.580	52.959	26.550	47.491	36.298	68.716	40.030	13.213
IPI:IPI00216719.1	ERC1	Isoform 1 of ELKS/RAB6-interacting/CAST family member 1	17	1,054.670	966.273	1,080.290	950.723	992.822	982.073	1,033.744	59.820
IPI:IPI00216721.6	RNF135	Isoform 1 of RING finger protein 135	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216730.3	HIST2H2AB	Histone H2A type 2-B	3	25.641	69.618	20.939	77.960	14.767	51.358	38.733	26.851
IPI:IPI00216737.3	MINA	Isoform 1 of MYC-induced nuclear antigen	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216750.1	RBM45	Isoform 1 of RNA-binding protein 45	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216815.1	TOP3B	Isoform 2 of DNA topoisomerase 3-beta-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216856.3	ANKMY2	Ankyrin repeat and MYND domain-containing protein 2	2	183.709	162.175	183.715	160.002	200.865	169.839	176.533	12.434
IPI:IPI00216874.2	LYSMD2	Isoform 1 of LysM and putative peptidoglycan-binding domain-containing protein 2	2	82.814	89.114	87.027	80.401	68.584	85.680	86.318	3.209
IPI:IPI00216886.4	LIAS	Lipoyl synthase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216890.2	RELL1	RELT-like protein 1	2	71.206	62.637	62.174	91.918	85.164	98.046	65.339	5.086
IPI:IPI00216900.2	MAP2	microtubule-associated protein 2 isoform 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216932.4	ACSS1	Isoform 1 of Acetyl-coenzyme A synthetase 2-like, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216951.2	DARS	Aspartyl-tRNA synthetase, cytoplasmic	13	1,025.990	970.081	1,025.510	1,104.460	1,196.620	1,128.560	1,007.194	32.141
IPI:IPI00216952.1	LMNA	Isoform C of Lamin-A/C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216969.3	ABL1	Isoform IA of Proto-oncogene tyrosine-protein kinase ABL1	1	27.451	26.883	23.868	25.209	31.742	31.554	26.067	1.926
IPI:IPI00216975.1	TPM4	Isoform 2 of Tropomyosin alpha-4 chain	53	3,222.590	3,153.300	3,196.720	2,854.110	2,759.960	2,973.840	3,190.870	35.013
IPI:IPI00216991.1	GIT2	Isoform 3 of ARF GTPase-activating protein GIT2	3	51.073	56.896	52.663	62.223	62.252	55.125	53.544	3.010
IPI:IPI00216992.5	RC3H1	Ring finger and CCCH-type zinc finger domains 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00216999.2	C14orf21	Pumilio domain-containing protein C14orf21	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217007.2	KIAA2013	Isoform 2 of Uncharacterized protein KIAA2013	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217013.2	SMEK1	Isoform 1 of Serine/threonine-protein phosphatase 4 regulatory subunit 3A	3	222.186	222.905	220.251	204.976	207.532	207.531	221.781	1.373
IPI:IPI00217018.2	SAMD9	Sterile alpha motif domain-containing protein 9	6	214.396	210.092	210.558	229.669	242.029	240.264	211.682	2.362

IPI:IPI00216293.6	95.540	7.195	0.367	0.01789156	4	245.188	219.660	254.551	214.378	262.543	236.195	239.800	18.059	237.705	24.118	-0.013	0.91322534
IPI:IPI00216298.6	1,580.763	122.131	0.037	0.74674651	17	1,211.170	1,265.130	1,196.090	1,466.110	1,297.000	1,400.260	1,224.130	36.299	1,387.790	85.242	0.181	0.06306752
IPI:IPI00216308.5	1,935.200	31.332	0.182	0.00074239	115	3,980.940	3,958.350	3,994.470	2,858.970	2,997.520	2,959.850	3,977.920	18.248	2,938.780	71.638	-0.437	0.00088162
IPI:IPI00216318.5	1,676.680	17.501	0.127	0.01310862	44	1,604.580	1,660.690	1,637.680	1,482.720	1,462.940	1,483.810	1,634.317	28.206	1,476.490	11.747	-0.147	0.00459204
IPI:IPI00216319.3	1,091.697	65.116	0.234	0.04051910	16	561.448	535.034	555.210	629.698	594.101	619.925	550.564	13.806	614.575	18.392	0.159	0.01027712
IPI:IPI00216337.1	71.270	6.538	0.125	0.26787692	1	29.817	28.912	31.000	39.164	41.892	37.788	29.909	1.047	39.615	2.089	0.405	0.00588382
IPI:IPI00216338.4	0.000	0.000	n/a	n/a	2	67.274	56.675	76.580	79.664	85.832	77.386	66.843	9.959	80.961	4.370	0.276	0.11843054
IPI:IPI00216348.1	1,343.457	44.681	0.089	0.06803481	33	1,003.730	978.957	995.588	1,036.570	1,029.200	1,025.630	992.758	12.627	1,030.467	5.579	0.054	0.02167905
IPI:IPI00216393.1	0.000	0.000	n/a	n/a	7	204.422	199.285	201.379	135.569	135.227	135.131	201.695	2.583	135.309	0.230	-0.576	0.00046055
IPI:IPI00216423.1	487.836	8.846	0.004	0.88067712	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216461.4	19.914	2.098	-0.027	0.83534934	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216470.1	112.479	5.545	0.280	0.01052455	3	149.858	151.751	151.329	153.295	149.381	163.507	150.979	0.994	155.394	7.293	0.042	0.40476777
IPI:IPI00216472.1	0.000	0.000	n/a	n/a	9	674.233	676.103	677.393	223.891	241.143	239.161	675.910	1.589	234.732	9.440	-1.526	0.00010356
IPI:IPI00216484.6	185.213	9.764	0.807	0.00298384	3	72.161	67.099	70.923	76.348	89.340	80.994	70.061	2.639	82.227	6.583	0.231	0.06971159
IPI:IPI00216505.1	0.000	0.000	n/a	n/a	32	1,298.180	1,323.540	1,311.370	1,619.360	1,547.410	1,609.460	1,311.030	12.683	1,592.077	38.998	0.280	0.00334750
IPI:IPI00216514.6	182.011	8.752	0.239	0.02622191	3	170.184	159.205	164.172	192.848	206.642	203.044	164.520	5.498	200.845	7.155	0.288	0.00283506
IPI:IPI00216520.1	0.000	0.000	n/a	n/a	1	24.089	20.030	23.536	27.184	28.599	25.449	22.552	2.201	27.077	1.578	0.264	0.05003071
IPI:IPI00216546.3	38.270	2.253	0.387	0.00851720	6	279.611	294.152	302.848	292.896	342.054	289.463	292.204	11.740	308.138	29.423	0.077	0.45618154
IPI:IPI00216587.9	1,597.967	89.849	-0.185	0.04072498	32	1,130.880	1,109.030	1,122.780	1,394.560	1,427.870	1,408.780	1,120.897	11.046	1,410.403	16.714	0.331	0.00004881
IPI:IPI00216592.2	2,271.327	76.315	-0.096	0.04967395	42	2,810.560	2,655.210	2,813.160	2,848.190	3,077.130	2,880.820	2,759.643	90.451	2,935.380	123.839	0.089	0.12474686
IPI:IPI00216616.1	246.087	5.784	1.925	0.00001131	1	10.008	8.463	12.588	15.842	18.631	15.551	10.353	2.084	16.674	1.701	0.688	0.01650216
IPI:IPI00216654.2	460.412	20.753	-0.092	0.21928245	18	1,329.860	1,312.140	1,326.670	1,196.840	1,146.280	1,190.460	1,322.890	9.445	1,177.860	27.534	-0.168	0.00670677
IPI:IPI00216674.1	93.317	7.599	0.061	0.62490683	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216675.1	0.000	0.000	n/a	n/a	4	167.551	153.172	172.310	203.580	220.592	212.658	164.344	9.964	212.277	8.512	0.369	0.00344753
IPI:IPI00216682.5	2,581.470	84.192	0.060	0.15185642	11	540.649	494.164	546.387	525.203	580.409	537.733	527.067	28.639	547.782	28.942	0.056	0.43065977
IPI:IPI00216689.2	166.405	7.506	0.037	0.43895496	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216691.5	3,862.903	38.220	0.038	0.06483064	142	4,874.200	4,622.470	4,748.610	5,442.060	5,504.610	5,635.690	4,748.427	125.865	5,527.453	98.816	0.219	0.00137523
IPI:IPI00216694.3	3,427.967	17.883	-0.158	0.00025884	41	2,020.980	2,061.690	2,028.490	1,930.800	1,902.920	1,947.530	2,037.053	21.664	1,927.083	22.536	-0.080	0.00368771
IPI:IPI00216696.1	0.000	0.000	n/a	n/a	1	64.312	61.210	68.424	84.928	92.394	92.397	64.648	3.619	89.906	4.311	0.476	0.00166801
IPI:IPI00216697.3	50.835	16.466	0.345	0.42784808	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216719.1	975.206	21.873	-0.084	0.22660074	19	690.514	703.920	669.960	724.030	704.461	715.735	688.131	17.105	714.742	9.822	0.055	0.09633960
IPI:IPI00216721.6	0.000	0.000	n/a	n/a	1	36.822	42.828	41.353	71.179	53.490	62.991	40.334	3.130	62.553	8.853	0.633	0.03715771
IPI:IPI00216730.3	48.028	31.728	0.310	0.71908336	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216737.3	0.000	0.000	n/a	n/a	1	26.765	18.116	27.255	47.635	52.327	47.004	24.045	5.141	48.989	2.908	1.027	0.00442380
IPI:IPI00216750.1	0.000	0.000	n/a	n/a	1	35.342	36.612	29.243	55.686	39.909	50.736	33.732	3.940	48.777	8.069	0.532	0.06502095
IPI:IPI00216815.1	0.000	0.000	n/a	n/a	1	39.884	37.048	42.435	28.162	37.461	31.741	39.789	2.695	32.455	4.690	-0.294	0.09547369
IPI:IPI00216856.3	176.902	21.327	0.003	0.98113139	2	43.089	42.066	48.288	69.986	66.160	65.874	44.481	3.337	67.340	2.296	0.598	0.00109090
IPI:IPI00216874.2	78.222	8.754	-0.142	0.24579195	2	80.904	85.069	74.894	110.370	105.320	100.938	80.289	5.115	105.543	4.720	0.395	0.00334746
IPI:IPI00216886.4	0.000	0.000	n/a	n/a	1	28.160	26.970	24.783	32.241	33.340	36.924	26.638	1.713	34.169	2.449	0.359	0.01534064
IPI:IPI00216890.2	91.709	6.444	0.489	0.00600021	1	71.197	61.685	68.341	88.490	80.447	89.132	67.074	4.881	86.023	4.840	0.359	0.00882200
IPI:IPI00216900.2	0.000	0.000	n/a	n/a	1	39.181	42.353	41.981	42.506	36.090	40.721	41.172	1.734	39.772	3.312	-0.050	0.56272253
IPI:IPI00216932.4	0.000	0.000	n/a	n/a	2	117.913	114.136	118.987	132.483	156.216	146.868	117.012	2.548	145.189	11.955	0.311	0.04964724
IPI:IPI00216951.2	1,143.213	47.795	0.183	0.01960619	18	1,127.520	1,075.030	1,069.300	1,164.090	1,182.680	1,196.570	1,090.617	32.087	1,181.113	16.297	0.115	0.02290240
IPI:IPI00216952.1	0.000	0.000	n/a	n/a	130	6,348.510	6,314.450	6,387.710	5,507.900	5,667.020	5,579.880	6,350.223	36.660	5,584.933	79.680	-0.185	0.00089657
IPI:IPI00216969.3	29.502	3.719	0.179	0.25130583	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216975.1	2,862.637	107.195	-0.157	0.02473849	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216991.1	59.867	4.106	0.161	0.10418400	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00216992.5	0.000	0.000	n/a	n/a	1	39.772	33.659	39.623	46.872	48.265	46.188	37.685	3.487	47.109	1.058	0.322	0.03384584
IPI:IPI00216999.2	0.000	0.000	n/a	n/a	1	33.281	32.915	37.536	38.181	46.666	39.902	34.577	2.568	41.583	4.485	0.266	0.09549300
IPI:IPI00217007.2	0.000	0.000	n/a	n/a	1	31.870	35.221	39.213	48.012	40.297	46.212	35.434	3.676	44.840	4.036	0.340	0.04104105
IPI:IPI00217013.2	206.680	1.475	-0.102	0.00021324	3	125.234	107.403	114.899	154.456	183.571	163.131	115.845	8.953	167.053	14.948	0.528	0.01186154
IPI:IPI00217018.2	237.321	6.685	0.165	0.01397595	2	59.190	48.449	62.093	63.038	70.130	60.724	56.577	7.187	64.631	4.901	0.192	0.19439444

IPI:IPI00217024.1	MAP4K3	Isoform 1 of Mitogen-activated protein kinase kinase kinase kinase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217030.1	RPS4X	40S ribosomal protein S4, X isoform	16	1,262.710	1,279.510	1,265.730	1,067.950	1,106.420	1,072.580	1,269.317	8.956
IPI:IPI00217053.6	PRRC1	Isoform 3 of Protein PPRC1	6	309.283	336.024	325.503	369.127	334.564	347.292	323.603	13.471
IPI:IPI00217055.1	LEPREL1	Prolyl 3-hydroxylase 2	2	107.301	132.392	107.260	130.272	102.082	123.267	115.651	14.498
IPI:IPI00217056.2	LEPREL2	Isoform 1 of Prolyl 3-hydroxylase 3	6	373.272	383.802	358.937	320.740	288.963	336.936	372.004	12.481
IPI:IPI00217059.5	CCDC50	Isoform 2 of Coiled-coil domain-containing protein 50	4	300.020	327.664	308.919	193.917	190.173	214.404	312.201	14.111
IPI:IPI00217104.4	NDNL2	Melanoma-associated antigen G1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217110.1	XPR1	Isoform 2 of Xenotropic and polytropic retrovirus receptor 1	1	29.528	24.575	28.871	39.987	34.579	37.923	27.658	2.690
IPI:IPI00217113.1	CLIP1	Isoform Short of CAP-Gly domain-containing linker protein 1	33	1,825.210	1,820.800	1,804.890	1,910.880	1,921.230	1,975.290	1,816.967	10.689
IPI:IPI00217143.3	SDHA	57 kDa protein	12	829.989	789.917	756.384	800.661	742.221	780.901	792.097	36.851
IPI:IPI00217178.6	C22orf30	Isoform 4 of Uncharacterized protein C22orf30	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217200.5	STXBP4	Isoform 1 of Syntaxin-binding protein 4	1	35.463	23.977	30.723	27.627	32.102	27.842	30.054	5.772
IPI:IPI00217223.1	PAICS	Multifunctional protein ADE2	8	433.211	461.303	463.085	443.116	442.458	482.295	452.533	16.757
IPI:IPI00217232.2	SUCLA2	Isoform 2 of Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial	14	1,282.920	1,272.630	1,227.680	1,426.330	1,400.310	1,420.130	1,261.077	29.376
IPI:IPI00217236.4	TBCA	Tubulin-specific chaperone A	2	271.457	255.171	268.140	220.967	234.567	228.780	264.923	8.607
IPI:IPI00217240.1	WDR75	WD repeat-containing protein 75	1	10.466	14.192	12.588	14.675	12.504	11.541	12.415	1.869
IPI:IPI00217261.3	TEX2	Isoform 2 of Testis-expressed sequence 2 protein	6	265.901	279.468	277.762	316.568	324.324	325.738	274.377	7.390
IPI:IPI00217264.6	MAP7D3	Isoform 3 of MAP7 domain-containing protein 3	4	138.252	132.977	150.137	110.195	127.668	114.590	140.455	8.790
IPI:IPI00217272.7	AACS	Isoform 1 of Acetoacetyl-CoA synthetase	4	228.443	236.376	214.869	215.294	198.999	212.238	226.563	10.876
IPI:IPI00217282.1	DCUN1D3	DCN1-like protein 3	1	76.961	67.094	81.584	45.159	61.195	50.585	75.213	7.401
IPI:IPI00217296.2	PPP2R4	Isoform 3 of Serine/threonine-protein phosphatase 2A regulatory subunit B'	3	164.072	153.536	176.304	181.666	201.788	176.603	164.637	11.395
IPI:IPI00217342.8	UEVLD	Isoform 2 of Ubiquitin-conjugating enzyme E2 variant 3	4	200.057	203.965	193.563	176.755	175.274	183.820	199.195	5.254
IPI:IPI00217355.1	ZC3H7A	Isoform 1 of Zinc finger CCCH domain-containing protein 7A	4	391.907	435.044	397.208	377.120	356.841	368.274	408.053	23.525
IPI:IPI00217357.2	CCAR1	Cell division cycle and apoptosis regulator protein 1	9	477.597	480.729	492.318	476.542	445.472	477.223	483.548	7.755
IPI:IPI00217362.2	TPRKB	Isoform 3 of TP53RK-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217405.1	UBR1	Isoform 1 of E3 ubiquitin-protein ligase UBR1	2	92.530	99.157	82.644	92.305	85.622	87.421	91.444	8.310
IPI:IPI00217407.2	UBR2	Isoform 4 of E3 ubiquitin-protein ligase UBR2	3	160.606	142.028	153.129	158.888	158.141	166.619	151.921	9.348
IPI:IPI00217413.3	DHX29	ATP-dependent RNA helicase DHX29	4	144.264	149.200	149.023	162.019	151.455	166.308	147.496	2.800
IPI:IPI00217418.3	ARHGAP12	Isoform 2 of Rho GTPase-activating protein 12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217442.2	ANKHD1;ANK	ANKHD1-EIF4EBP3 protein	3	95.512	87.912	103.922	111.449	126.839	119.532	95.782	8.008
IPI:IPI00217465.5	HIST1H1C	Histone H1.2	11	1,015.840	1,052.030	1,074.600	986.031	860.945	931.241	1,047.490	29.642
IPI:IPI00217466.3	HIST1H1D	Histone H1.3	8	901.088	847.955	900.639	749.473	764.413	786.095	883.227	30.548
IPI:IPI00217467.3	HIST1H1E	Histone H1.4	55	4,137.480	3,765.060	4,138.080	3,519.170	3,455.980	3,429.660	4,013.540	215.190
IPI:IPI00217468.3	HIST1H1B	Histone H1.5	26	1,874.750	2,031.300	1,845.570	1,863.240	1,446.990	1,734.590	1,917.207	99.879
IPI:IPI00217469.3	HIST1H1A	Histone H1.1	3	199.972	208.993	211.567	175.090	135.417	168.136	206.844	6.089
IPI:IPI00217477.5	HMGB3	High mobility group protein B3	8	598.310	597.518	579.373	605.437	573.435	613.229	591.734	10.712
IPI:IPI00217481.3	GPR126	Isoform 1 of Probable G-protein coupled receptor 126	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217490.5	FNDC3B	Isoform 1 of Fibronectin type III domain-containing protein 3B	14	1,115.440	1,131.710	1,108.930	850.178	868.129	836.688	1,118.693	11.733
IPI:IPI00217492.1	TEK	cDNA FLJ59208, highly similar to Angiopoietin-1 receptor	2	38.307	48.458	44.632	108.142	91.968	104.627	43.799	5.126
IPI:IPI00217493.5	MB	Myoglobin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217494.2	SMG7	Isoform 1 of Protein SMG7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217519.3	RALA	Ras-related protein Ral-A	10	701.077	686.899	687.251	1,049.990	1,038.660	1,041.840	691.742	8.086
IPI:IPI00217536.3	RHOT1	Isoform 3 of Mitochondrial Rho GTPase 1	2	166.124	178.479	162.182	214.359	195.563	221.163	168.928	8.503
IPI:IPI00217540.7	KDM1	Isoform 2 of Lysine-specific histone demethylase 1	4	188.801	193.900	182.814	187.572	180.109	193.262	188.505	5.549
IPI:IPI00217541.3	DDX51	ATP-dependent RNA helicase DDX51	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217550.4	MSRB3	Isoform 1 of Methionine-R-sulfoxide reductase B3, mitochondrial	6	313.259	278.299	309.282	240.623	292.001	256.017	300.280	19.140
IPI:IPI00217553.1	MRPL41	39S ribosomal protein L41, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217556.4	WIPI1	Isoform 1 of WD repeat domain phosphoinositide-interacting protein 1	1	2.353	4.469	3.976	5.000	5.341	5.520	3.599	1.107
IPI:IPI00217563.4	ITGB1	Isoform Beta-1A of Integrin beta-1	45	2,624.080	2,519.470	2,689.350	2,847.210	2,922.470	2,804.270	2,610.967	85.696
IPI:IPI00217600.6	PNPLA6	Isoform 2 of Neuropathy target esterase	3	186.202	183.933	198.207	240.210	240.070	257.596	189.447	7.670
IPI:IPI00217619.4	IFT20	Isoform 2 of Intraflagellar transport protein 20 homolog	2	40.649	32.389	40.086	42.855	44.384	42.590	37.708	4.615
IPI:IPI00217622.1	MICALL2	Isoform 1 of MICAL-like protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217629.3	WDR47	Isoform 1 of WD repeat-containing protein 47	1	5.634	6.052	1.939	7.132	4.084	5.696	4.542	2.263

IPI:IPI00217024.1	0.000	0.000	n/a	n/a	1	63.013	66.717	72.033	86.536	89.949	84.177	67.254	4.534	86.887	2.902	0.370	0.00545599
IPI:IPI00217030.1	1,082.317	21.002	-0.230	0.00129103	15	1,164.230	1,293.770	1,117.100	615.663	523.344	608.684	1,191.700	91.482	582.564	51.404	-1.033	0.00170728
IPI:IPI00217053.6	350.328	17.480	0.114	0.10854198	8	542.352	571.805	565.891	504.426	520.548	516.085	560.016	15.581	513.686	8.324	-0.125	0.01922616
IPI:IPI00217055.1	118.540	14.677	0.036	0.82077634	2	106.599	102.290	103.484	191.071	191.265	175.233	104.124	2.225	185.856	9.201	0.836	0.00277304
IPI:IPI00217056.2	315.546	24.405	-0.237	0.03809775	1	68.534	71.201	66.304	2.621	2.317	2.917	68.679	2.452	2.618	0.300	-4.713	0.00038734
IPI:IPI00217059.5	199.498	13.044	-0.646	0.00054609	2	41.513	67.863	44.454	88.620	43.197	82.654	51.277	14.439	71.491	24.684	0.479	0.30291971
IPI:IPI00217104.4	0.000	0.000	n/a	n/a	1	99.081	82.374	92.240	98.361	108.809	95.837	91.232	8.399	101.002	6.877	0.147	0.19805345
IPI:IPI00217110.1	37.496	2.729	0.439	0.01128448	5	122.635	117.949	138.205	193.462	238.893	209.883	126.263	10.604	214.079	23.004	0.762	0.01109629
IPI:IPI00217113.1	1,935.800	34.589	0.091	0.01965998	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217143.3	774.594	29.726	-0.032	0.56045356	20	1,063.160	1,136.890	1,066.600	982.861	872.119	966.937	1,088.883	41.611	940.639	59.872	-0.211	0.02944603
IPI:IPI00217178.6	0.000	0.000	n/a	n/a	2	69.530	80.214	82.603	58.200	71.311	64.621	77.449	6.961	64.711	6.556	-0.259	0.08274461
IPI:IPI00217200.5	29.190	2.524	-0.042	0.82960230	4	60.994	57.732	59.484	88.865	79.353	94.021	59.404	1.632	87.413	7.441	0.557	0.01886652
IPI:IPI00217223.1	455.956	22.812	0.011	0.84569297	15	745.814	855.779	757.062	971.179	792.087	915.984	786.218	60.503	893.083	91.716	0.184	0.17938248
IPI:IPI00217232.2	1,415.590	13.591	0.167	0.00465700	18	906.757	943.699	908.633	786.268	776.691	783.600	919.696	20.808	782.186	4.943	-0.234	0.00541507
IPI:IPI00217236.4	228.105	6.825	-0.216	0.00511636	19	865.975	865.231	832.907	1,017.140	1,016.050	996.014	854.704	18.881	1,009.735	11.895	0.240	0.00070145
IPI:IPI00217240.1	12.906	1.605	0.056	0.74857477	5	113.920	116.431	115.290	130.850	137.705	135.505	115.214	1.257	134.687	3.500	0.225	0.00559199
IPI:IPI00217261.3	322.210	4.937	0.232	0.00138038	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217264.6	117.484	9.089	-0.258	0.03472304	6	229.246	230.669	234.006	199.272	192.692	189.861	231.307	2.443	193.942	4.828	-0.254	0.00133767
IPI:IPI00217272.7	208.844	8.662	-0.117	0.09530777	2	103.107	103.343	105.324	111.504	116.412	121.701	103.925	1.218	116.539	5.100	0.165	0.04396586
IPI:IPI00217282.1	52.313	8.156	-0.524	0.02310404	1	36.296	28.986	39.037	36.954	45.639	40.006	34.773	5.196	40.866	4.406	0.233	0.19846184
IPI:IPI00217296.2	186.686	13.322	0.181	0.09664249	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217342.8	178.616	4.567	-0.157	0.00726392	1	25.484	25.284	24.968	15.601	15.322	21.079	25.245	0.260	17.334	3.246	-0.542	0.05103907
IPI:IPI00217355.1	367.412	10.167	-0.151	0.07907788	6	182.639	181.753	182.257	194.278	196.685	196.547	182.216	0.444	195.837	1.352	0.104	0.00147813
IPI:IPI00217357.2	466.412	18.138	-0.052	0.23902821	22	1,049.280	1,124.250	1,029.750	1,272.910	1,167.690	1,252.450	1,067.760	49.887	1,231.017	55.788	0.205	0.01992231
IPI:IPI00217362.2	0.000	0.000	n/a	n/a	1	17.900	25.992	21.834	23.101	21.228	30.009	21.909	4.046	24.779	4.625	0.178	0.46487583
IPI:IPI00217405.1	88.449	3.458	-0.048	0.60946133	1	27.190	21.443	23.397	30.073	32.325	33.785	24.010	2.922	32.061	1.870	0.417	0.02178699
IPI:IPI00217407.2	161.216	4.694	0.086	0.22313378	1	25.207	28.573	24.525	39.074	32.985	38.142	26.102	2.167	36.733	3.280	0.493	0.01324945
IPI:IPI00217413.3	159.927	7.644	0.117	0.09276914	11	389.698	373.254	394.749	434.508	456.064	438.436	385.900	11.239	443.003	11.481	0.199	0.00354036
IPI:IPI00217418.3	0.000	0.000	n/a	n/a	1	13.336	13.174	12.249	12.538	15.340	14.365	12.919	0.586	14.081	1.423	0.124	0.29285775
IPI:IPI00217442.2	119.273	7.698	0.316	0.02158696	12	238.381	248.485	247.945	321.804	328.788	319.778	244.937	5.684	323.457	4.727	0.401	0.00006559
IPI:IPI00217465.5	926.072	62.703	-0.178	0.06011476	4	182.026	257.682	190.232	212.557	149.837	196.665	209.980	41.514	186.353	32.607	-0.172	0.48411274
IPI:IPI00217466.3	766.660	18.414	-0.204	0.00851693	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217467.3	3,468.270	46.003	-0.211	0.04295332	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217468.3	1,681.607	213.123	-0.189	0.18695159	12	768.299	825.697	780.940	368.973	340.335	380.386	791.645	30.159	363.231	20.634	-1.124	0.00008789
IPI:IPI00217469.3	159.548	21.185	-0.375	0.05153202	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217477.5	597.367	21.089	0.014	0.70803589	23	1,707.170	1,568.750	1,727.680	834.268	910.122	887.106	1,667.867	86.448	877.165	38.892	-0.927	0.00107814
IPI:IPI00217481.3	0.000	0.000	n/a	n/a	6	121.268	115.471	125.075	158.994	170.109	155.519	120.605	4.836	161.541	7.621	0.422	0.00276158
IPI:IPI00217490.5	851.665	15.773	-0.393	0.00003681	15	465.836	467.519	466.014	580.775	600.796	583.523	466.456	0.925	588.365	10.853	0.335	0.00248698
IPI:IPI00217492.1	101.579	8.507	1.214	0.00140374	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217493.5	0.000	0.000	n/a	n/a	1	59.665	53.638	65.644	80.535	76.647	74.221	59.649	6.003	77.134	3.185	0.371	0.02043322
IPI:IPI00217494.2	0.000	0.000	n/a	n/a	3	86.227	87.071	99.464	119.220	129.721	118.083	90.920	7.411	122.341	6.416	0.428	0.00547537
IPI:IPI00217519.3	1,043.497	5.844	0.593	0.00000139	8	658.455	694.118	645.307	411.963	384.585	402.734	665.960	25.256	399.761	13.929	-0.736	0.00043136
IPI:IPI00217536.3	210.362	13.260	0.316	0.01503694	4	314.535	280.003	313.568	287.947	347.698	312.087	302.702	19.664	315.911	30.058	0.062	0.56559264
IPI:IPI00217540.7	186.981	6.596	-0.012	0.77533040	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217541.3	0.000	0.000	n/a	n/a	4	103.563	93.305	113.503	113.930	126.684	113.645	103.457	10.100	118.086	7.447	0.191	0.12011341
IPI:IPI00217550.4	262.880	26.368	-0.192	0.12449243	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217553.1	0.000	0.000	n/a	n/a	6	338.040	386.124	322.305	527.912	423.889	506.492	348.823	33.248	486.098	54.929	0.479	0.02919520
IPI:IPI00217556.4	5.287	0.264	0.555	0.11152318	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217563.4	2,857.983	59.832	0.130	0.01875646	49	2,641.730	2,693.230	2,652.290	2,738.430	2,721.510	2,698.580	2,662.417	27.202	2,719.507	20.000	0.031	0.04760644
IPI:IPI00217600.6	245.959	10.078	0.377	0.00198999	3	158.383	137.334	151.425	195.336	227.625	195.182	149.047	10.724	206.048	18.687	0.467	0.01709595
IPI:IPI00217619.4	43.276	0.968	0.199	0.16709863	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217622.1	0.000	0.000	n/a	n/a	2	87.202	87.561	94.122	107.440	108.031	114.322	89.628	3.896	109.931	3.814	0.295	0.00298388
IPI:IPI00217629.3	5.637	1.525	0.312	0.53029188	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00217630.1	DHX37	Probable ATP-dependent RNA helicase DHX37	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217631.5	ADAT2	Isoform 1 of tRNA-specific adenosine deaminase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217660.3	MYST1	Isoform 2 of Probable histone acetyltransferase MYST1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217661.4	RAVER1	RAVER1	1	45.436	47.759	39.711	46.650	38.210	49.812	44.302	4.142
IPI:IPI00217669.1	LIG4	DNA ligase 4	2	161.482	158.742	165.521	134.261	140.648	147.316	161.915	3.410
IPI:IPI00217683.2	AKAP12	A kinase (PRKA) anchor protein 12 isoform 2	85	5,117.080	5,006.070	5,043.420	4,486.970	4,532.140	4,546.540	5,055.523	56.486
IPI:IPI00217686.3	FTSJ3	Putative rRNA methyltransferase 3	8	320.759	321.287	316.081	319.995	302.954	322.965	319.376	2.865
IPI:IPI00217710.2	NFAT5	Isoform C of Nuclear factor of activated T-cells 5	1	52.753	51.499	45.145	62.514	52.062	58.967	49.799	4.079
IPI:IPI00217745.1	FXN	Isoform 2 of Frataxin, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217748.6	C3orf59	Uncharacterized protein C3orf59	1	12.860	20.749	17.346	18.110	13.916	16.358	16.985	3.957
IPI:IPI00217759.2	FUT11	Isoform 1 of Alpha-(1,3)-fucosyltransferase 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217766.3	SCARB2	Lysosome membrane protein 2	7	457.291	533.138	436.583	628.158	512.954	626.759	475.671	50.834
IPI:IPI00217814.1	AGPAT3	Isoform 2 of 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma	1	99.610	124.804	90.288	127.815	91.699	127.804	104.900	17.856
IPI:IPI00217831.4	ANKRD13A	Ankyrin repeat domain-containing protein 13A	3	183.693	169.706	181.865	202.772	222.122	211.012	178.421	7.603
IPI:IPI00217851.6	PHACTR4	Isoform 1 of Phosphatase and actin regulator 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217852.6	PM20D2	Peptidase M20 domain-containing protein 2	1	153.927	141.318	156.097	137.944	170.032	144.379	150.447	7.980
IPI:IPI00217862.5	RRP9	U3 small nucleolar RNA-interacting protein 2	1	52.584	49.820	55.478	46.023	44.382	44.891	52.627	2.829
IPI:IPI00217871.4	ALDH4A1	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial	6	218.558	206.832	221.595	240.097	259.968	253.708	215.662	7.796
IPI:IPI00217882.3	SORT1	Sortilin	3	52.423	48.431	45.464	93.677	77.996	86.444	48.773	3.492
IPI:IPI00217906.3	GNAI2	Isoform 2 of Guanine nucleotide-binding protein G(i), alpha-2 subunit	13	707.200	672.461	714.687	739.303	779.290	631.119	698.116	22.531
IPI:IPI00217918.1	ELMOD2	ELMO domain-containing protein 2	4	345.786	343.195	325.472	378.353	356.651	375.462	338.151	11.056
IPI:IPI00217920.6	ALDH16A1	Isoform 1 of Aldehyde dehydrogenase family 16 member A1	1	9.697	8.385	11.059	10.183	11.273	8.279	9.713	1.337
IPI:IPI00217949.1	UBE2S	Ubiquitin-conjugating enzyme E2 S	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217952.6	GFPT1	Isoform 1 of Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1	13	1,085.660	1,153.200	1,057.420	1,278.100	1,259.130	1,281.330	1,098.760	49.215
IPI:IPI00217954.5	LGR4	Leucine-rich repeat-containing G-protein coupled receptor 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217960.1	PRKACA	Isoform 2 of cAMP-dependent protein kinase catalytic subunit alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00217966.8	LDHA	L-lactate dehydrogenase	64	4,816.600	5,010.500	4,865.560	4,821.540	4,763.180	4,706.140	4,897.553	100.831
IPI:IPI00217975.4	LMNB1	Lamin-B1	26	1,864.690	1,786.220	1,850.350	1,637.050	1,752.650	1,728.260	1,833.753	41.785
IPI:IPI00218013.6	SGOL2	Isoform 2 of Shugoshin-like 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218052.5	WDFY3	Isoform 1 of WD repeat and FYVE domain-containing protein 3	1	62.294	62.070	59.180	59.858	63.098	59.860	61.182	1.737
IPI:IPI00218086.2	RDH10	Retinol dehydrogenase 10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218094.3	KIAA1618	Isoform 3 of Protein ALO17	2	177.614	165.089	183.733	174.005	204.930	188.387	175.479	9.504
IPI:IPI00218097.3	SPAG9	145 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218132.2	TBL1X	Isoform 2 of F-box-like/WD repeat-containing protein TBL1X	1	58.946	47.199	61.315	58.500	77.536	56.472	55.820	7.560
IPI:IPI00218144.3	COX17	Cytochrome c oxidase copper chaperone	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218200.8	BCAP31	B-cell receptor-associated protein 31	33	2,099.150	1,914.860	2,185.400	1,918.120	2,001.680	1,925.360	2,066.470	138.199
IPI:IPI00218236.6	PPP1CB	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	1	41.148	42.414	39.689	2.654	4.384	5.269	41.084	1.363
IPI:IPI00218260.3	NFIX	Nuclear factor 1	3	238.875	214.381	251.153	222.492	264.656	227.322	234.803	18.721
IPI:IPI00218288.6	SEC24D	Isoform 2 of Protein transport protein Sec24D	21	1,397.340	1,482.960	1,352.410	1,547.560	1,440.180	1,557.390	1,410.903	66.323
IPI:IPI00218292.2	UFD1L	Isoform Short of Ubiquitin fusion degradation protein 1 homolog	2	115.053	160.282	103.528	177.439	124.857	168.996	126.288	29.999
IPI:IPI00218319.3	TPM3	Isoform 2 of Tropomyosin alpha-3 chain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218337.3	LMAN2L	Isoform 2 of VIP36-like protein	5	272.938	250.432	266.662	299.556	335.663	296.125	263.344	11.614
IPI:IPI00218342.1	MTHFD1	C-1-tetrahydrofolate synthase, cytoplasmic	2	83.992	119.316	84.281	133.957	77.021	122.268	95.863	20.311
IPI:IPI00218343.4	TUBA1C	Tubulin alpha-1C chain	13	189.889	173.079	191.397	186.682	206.401	187.637	184.788	10.169
IPI:IPI00218349.2	POFUT2	Isoform C of GDP-fucose protein O-fucosyltransferase 2	4	267.678	266.330	263.746	310.970	304.143	317.363	265.918	1.998
IPI:IPI00218371.4	PRPS1L1	Ribose-phosphate pyrophosphokinase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218398.5	MMP14	Matrix metalloproteinase-14	7	518.524	508.630	529.080	812.819	810.161	796.975	518.745	10.227
IPI:IPI00218414.5	CA2	Carbonic anhydrase 2	1	33.155	37.291	25.456	25.883	36.069	43.001	31.967	6.007
IPI:IPI00218463.3	Magmas	Mitochondrial import inner membrane translocase subunit Tim16	1	35.831	41.078	40.640	36.178	36.148	41.014	39.183	2.911
IPI:IPI00218465.1	PLAA	Phospholipase A-2-activating protein	10	538.109	538.745	561.522	540.637	581.986	544.406	546.125	13.338
IPI:IPI00218470.1	NFYA	Isoform Short of Nuclear transcription factor Y subunit alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218474.5	ENO3	Beta-enolase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00217630.1	0.000	0.000	n/a	n/a	1	79.246	71.021	83.374	56.657	70.644	57.661	77.880	6.289	61.654	7.802	-0.337	0.05115977
IPI:IPI00217631.5	0.000	0.000	n/a	n/a	1	18.960	22.868	19.320	21.446	17.051	23.264	20.383	2.160	20.587	3.194	0.014	0.93252043
IPI:IPI00217660.3	0.000	0.000	n/a	n/a	1	5.206	7.019	3.334	5.390	6.540	5.780	5.186	1.842	5.903	0.585	0.187	0.57879867
IPI:IPI00217661.4	44.891	5.998	0.019	0.89693045	1	37.133	31.476	29.501	45.362	51.614	56.180	32.703	3.961	51.052	5.430	0.643	0.01132293
IPI:IPI00217669.1	140.742	6.528	-0.202	0.01537807	1	23.839	36.183	18.828	55.063	24.603	48.245	26.283	8.932	42.637	15.985	0.698	0.21591596
IPI:IPI00217683.2	4,521.883	31.081	-0.161	0.00061697	78	3,387.430	3,389.180	3,321.420	2,533.720	2,557.350	2,547.210	3,366.010	38.626	2,546.093	11.855	-0.403	0.00027964
IPI:IPI00217686.3	315.305	10.799	-0.019	0.58607715	28	839.978	837.212	863.393	926.460	920.465	917.840	846.861	14.384	921.588	4.418	0.122	0.00765648
IPI:IPI00217710.2	57.848	5.315	0.216	0.11069903	7	345.279	358.952	358.981	318.362	322.793	313.653	354.404	7.902	318.269	4.571	-0.155	0.00514715
IPI:IPI00217745.1	0.000	0.000	n/a	n/a	1	100.382	84.061	105.483	47.563	52.724	49.466	96.642	11.190	49.918	2.610	-0.953	0.01477943
IPI:IPI00217748.6	16.128	2.106	-0.075	0.76253695	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217759.2	0.000	0.000	n/a	n/a	4	104.390	114.791	97.391	190.027	155.914	184.471	105.524	8.755	176.804	18.303	0.745	0.01013123
IPI:IPI00217766.3	589.290	66.113	0.309	0.08207292	4	375.392	359.974	370.617	155.408	172.954	162.574	368.661	7.893	163.645	8.822	-1.172	0.00000833
IPI:IPI00217814.1	115.773	20.848	0.142	0.53358357	1	28.451	22.256	23.983	25.646	30.942	25.296	24.897	3.197	27.294	3.164	0.133	0.40952324
IPI:IPI00217831.4	211.969	9.710	0.249	0.01056965	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217851.6	0.000	0.000	n/a	n/a	1	36.984	28.370	39.008	26.948	30.039	23.599	34.787	5.649	26.862	3.221	-0.373	0.12032152
IPI:IPI00217852.6	150.785	16.976	0.003	0.97766087	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217862.5	45.099	0.840	-0.223	0.03520900	3	90.752	83.199	97.893	93.775	105.720	90.200	90.615	7.348	96.565	8.127	0.092	0.40185965
IPI:IPI00217871.4	251.258	10.160	0.220	0.01004966	14	574.402	528.733	577.606	546.053	573.155	562.519	560.247	27.339	560.576	13.655	0.001	0.98743436
IPI:IPI00217882.3	86.039	7.849	0.819	0.00646928	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00217906.3	716.571	76.657	0.038	0.72402689	12	433.056	483.098	428.202	262.116	271.247	260.603	448.119	30.390	264.655	5.758	-0.760	0.00735667
IPI:IPI00217918.1	370.155	11.784	0.130	0.02672492	3	37.505	39.077	43.346	58.827	64.030	57.565	39.976	3.022	60.141	3.427	0.589	0.00167535
IPI:IPI00217920.6	9.911	1.515	0.029	0.87451261	2	52.655	53.772	52.145	52.229	64.255	60.234	52.857	0.832	58.906	6.122	0.156	0.22767470
IPI:IPI00217949.1	0.000	0.000	n/a	n/a	2	108.935	112.162	103.195	117.344	115.769	114.910	108.097	4.542	116.008	1.234	0.102	0.08574347
IPI:IPI00217952.6	1,272.853	11.994	0.212	0.02067281	11	600.728	602.417	592.856	429.649	467.590	465.504	598.667	5.103	454.248	21.329	-0.398	0.00509004
IPI:IPI00217954.5	0.000	0.000	n/a	n/a	2	15.366	19.999	15.175	25.083	30.482	27.003	16.847	2.732	27.523	2.737	0.708	0.00877083
IPI:IPI00217960.1	0.000	0.000	n/a	n/a	3	144.728	142.305	155.111	139.394	170.348	152.916	147.381	6.803	154.219	15.518	0.065	0.54035263
IPI:IPI00217966.8	4,763.620	57.701	-0.040	0.13447330	42	1,934.620	1,809.090	1,929.440	1,870.580	2,074.870	1,906.970	1,891.050	71.027	1,950.807	108.972	0.045	0.47882462
IPI:IPI00217975.4	1,705.987	60.934	-0.104	0.04703358	70	3,165.320	3,152.890	3,180.480	3,066.970	3,076.960	3,080.870	3,166.230	13.817	3,074.933	7.168	-0.042	0.00202273
IPI:IPI00218013.6	0.000	0.000	n/a	n/a	3	203.599	214.847	201.142	176.473	174.536	176.387	206.529	7.307	175.799	1.094	-0.232	0.01661314
IPI:IPI00218052.5	60.939	1.870	-0.006	0.87780293	2	136.068	128.941	132.292	109.707	108.050	110.904	132.434	3.566	109.554	1.433	-0.274	0.00338042
IPI:IPI00218086.2	0.000	0.000	n/a	n/a	3	274.452	245.762	288.211	354.180	383.241	355.360	269.475	21.658	364.260	16.448	0.435	0.00473712
IPI:IPI00218094.3	189.107	15.475	0.108	0.27659818	2	71.024	71.552	62.379	98.634	78.115	99.016	68.318	5.150	91.922	11.958	0.428	0.05907988
IPI:IPI00218097.3	0.000	0.000	n/a	n/a	56	2,238.520	2,230.090	2,172.380	3,073.550	3,105.210	3,120.660	2,213.663	36.000	3,099.807	24.015	0.486	0.00001476
IPI:IPI00218132.2	64.169	11.620	0.201	0.36595039	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00218144.3	0.000	0.000	n/a	n/a	3	87.773	104.205	98.666	80.699	70.485	82.548	96.881	8.360	77.910	6.497	-0.314	0.03921967
IPI:IPI00218200.8	1,948.387	46.295	-0.085	0.27478063	56	3,219.140	2,880.410	3,159.050	3,187.790	3,653.320	3,197.950	3,086.200	180.734	3,346.353	265.889	0.117	0.24375898
IPI:IPI00218236.6	4.102	1.330	-3.324	0.00000482	5	126.027	143.086	124.539	153.474	139.420	160.321	131.217	10.305	151.072	10.656	0.203	0.08124856
IPI:IPI00218260.3	238.157	23.076	0.020	0.85671916	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00218288.6	1,515.043	65.020	0.103	0.12434111	2	232.202	284.247	225.434	9.870	15.266	18.943	247.294	32.180	14.693	4.564	-4.073	0.00555138
IPI:IPI00218292.2	157.097	28.238	0.315	0.26620697	7	218.164	237.091	199.163	312.103	253.399	301.794	218.139	18.964	289.099	31.344	0.406	0.03822119
IPI:IPI00218319.3	0.000	0.000	n/a	n/a	47	2,529.640	2,546.300	2,373.130	1,845.430	1,766.780	1,863.970	2,483.023	95.534	1,825.393	51.600	-0.444	0.00165793
IPI:IPI00218337.3	310.448	21.904	0.237	0.04517595	3	157.007	163.676	156.289	148.304	151.287	152.148	158.991	4.073	150.580	2.017	-0.078	0.05095650
IPI:IPI00218342.1	111.082	30.071	0.213	0.51388679	55	1,781.750	1,844.620	1,790.280	2,088.460	2,081.500	2,075.840	1,805.550	34.103	2,081.933	6.321	0.205	0.00399512
IPI:IPI00218343.4	193.573	11.119	0.067	0.37065235	18	200.556	173.084	195.036	190.372	203.870	202.509	189.559	14.532	198.917	7.431	0.070	0.39591058
IPI:IPI00218349.2	310.825	6.611	0.225	0.00417759	2	137.205	119.379	125.871	214.140	218.622	216.387	127.485	9.022	216.383	2.241	0.763	0.00215164
IPI:IPI00218371.4	0.000	0.000	n/a	n/a	1	48.537	43.814	43.344	28.942	31.333	37.795	45.232	2.872	32.690	4.580	-0.468	0.02229408
IPI:IPI00218398.5	806.652	8.485	0.637	0.00000461	3	165.468	159.070	166.005	84.406	92.856	88.997	163.514	3.858	88.753	4.230	-0.882	0.00002525
IPI:IPI00218414.5	34.984	8.610	0.130	0.64815368	4	296.950	277.268	319.496	44.421	62.263	59.432	297.905	21.130	55.372	9.589	-2.428	0.00056234
IPI:IPI00218463.3	37.780	2.801	-0.053	0.58051809	8	346.611	323.798	339.439	346.415	356.107	352.267	336.616	11.666	351.596	4.881	0.063	0.14344645
IPI:IPI00218465.1	555.676	22.863	0.025	0.57348811	3	201.243	187.680	193.940	164.575	159.563	165.467	194.288	6.788	163.202	3.183	-0.252	0.00667349
IPI:IPI00218470.1	0.000	0.000	n/a	n/a	1	70.117	76.899	63.300	95.455	79.480	92.082	70.105	6.800	89.006	8.420	0.344	0.04130197
IPI:IPI00218474.5	0.000	0.000	n/a	n/a	2	38.266	66.211	117.868	1.057	14.844	0.000	74.115	40.385	5.300	8.282	-3.806	0.09262976

IPI:IPI00218487.3	GJA1	Gap junction alpha-1 protein	1	4.081	4.169	4.825	11.489	15.615	13.616	4.358	0.406
IPI:IPI00218493.7	HPRT1	Hypoxanthine-guanine phosphoribosyltransferase	6	319.208	349.514	338.772	314.647	331.707	342.640	335.831	15.366
IPI:IPI00218539.4	COL11A1	Isoform B of Collagen alpha-1(XI) chain	1	4.553	5.905	6.268	6.584	7.236	7.382	5.575	0.904
IPI:IPI00218546.2	BAG1	Isoform 2 of BAG family molecular chaperone regulator 1	1	41.879	45.557	39.506	56.608	58.003	59.408	42.314	3.049
IPI:IPI00218568.7	PCBD1	Pterin-4-alpha-carbinolamine dehydratase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218606.7	RPS23	40S ribosomal protein S23	11	918.260	902.592	962.752	593.849	671.825	603.509	927.868	31.210
IPI:IPI00218648.2	ARID4A	Isoform III of AT-rich interactive domain-containing protein 4A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218658.1	ITPR1	Isoform 2 of Inositol 1,4,5-trisphosphate receptor type 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218682.1	P4HA1	Isoform 2 of Prolyl 4-hydroxylase subunit alpha-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218693.8	APRT	Adenine phosphoribosyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218694.1	CALD1	Isoform 2 of Caldesmon	5	321.724	309.391	332.049	278.591	313.370	295.774	321.055	11.344
IPI:IPI00218696.2	CALD1	cDNA FLJ53193, highly similar to Homo sapiens caldesmon 1 (CALD1), transcript variant 5, mRNA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218728.4	PAFAH1B1	Isoform 1 of Platelet-activating factor acetylhydrolase IB subunit alpha	24	1,195.590	1,138.210	1,157.980	1,471.810	1,526.710	1,460.150	1,163.927	29.149
IPI:IPI00218733.6	SOD1	Superoxide dismutase [Cu-Zn]	3	78.669	75.170	76.283	73.710	74.042	81.318	76.707	1.788
IPI:IPI00218775.2	FKBP5	FK506-binding protein 5	3	230.458	243.440	220.077	216.529	207.918	228.302	231.325	11.706
IPI:IPI00218782.3	CAPZB	cDNA FLJ60094, highly similar to F-actin capping protein subunit beta	14	1,244.860	1,374.450	1,239.490	1,088.230	935.029	947.492	1,286.267	76.416
IPI:IPI00218788.1	PTPN2	Isoform PTPA of Tyrosine-protein phosphatase non-receptor type 2	1	36.900	32.792	42.959	26.417	31.699	28.457	37.550	5.115
IPI:IPI00218803.3	FBLN1	Isoform B of Fibulin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218829.9	GSPT1	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A	18	1,220.590	1,177.770	1,198.860	1,163.380	1,212.890	1,145.240	1,199.073	21.411
IPI:IPI00218830.1	NMT1	Isoform Short of Glycylpeptide N-tetradecanoyltransferase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218831.4	GSTM1	Isoform 1 of Glutathione S-transferase Mu 1	6	634.991	663.799	654.917	729.460	749.703	767.585	651.236	14.753
IPI:IPI00218847.5	ACP1	Isoform 2 of Low molecular weight phosphotyrosine protein phosphatase	2	289.206	273.278	288.478	286.526	299.971	300.202	283.654	8.993
IPI:IPI00218848.5	ATP5I	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E	2	294.141	278.375	287.044	332.661	334.007	334.894	286.520	7.896
IPI:IPI00218857.1	MAP2K3	Isoform 1 of Dual specificity mitogen-activated protein kinase kinase 3	6	342.464	343.869	347.244	296.523	323.241	311.791	344.526	2.457
IPI:IPI00218895.6	POLR2G	DNA-directed RNA polymerase II subunit RPB7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218896.3	ADH1A	Alcohol dehydrogenase 1A	3	139.858	180.152	642.535	605.379	240.042	227.237	320.848	279.316
IPI:IPI00218914.5	ALDH1A1	Retinal dehydrogenase 1	27	1,785.530	1,902.460	1,772.740	2,240.100	2,018.260	2,164.970	1,820.243	71.488
IPI:IPI00218918.5	ANXA1	Annexin A1	71	4,405.570	4,266.960	4,523.450	3,941.100	4,049.120	3,846.720	4,398.660	128.385
IPI:IPI00218922.5	SEC63	Translocation protein SEC63 homolog	19	838.600	854.965	874.995	968.760	931.107	965.692	856.187	18.228
IPI:IPI00218924.5	CHP	Calcium-binding protein p22	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00218962.3	C20orf43	cDNA FLJ52798	2	153.063	152.891	156.902	113.565	107.284	124.222	154.285	2.268
IPI:IPI00218971.4	PPM2C	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial	1	39.552	44.255	35.979	51.580	44.081	55.247	39.929	4.151
IPI:IPI00219000.3	COL8A1	Cell proliferation-inducing protein 41	5	309.377	285.392	313.065	372.174	402.288	373.860	302.611	15.026
IPI:IPI00219005.3	FKBP4	FK506-binding protein 4	30	2,046.980	2,058.620	1,982.690	2,307.230	2,156.830	2,130.750	2,029.430	40.894
IPI:IPI00219012.4	FYN	Isoform 1 of Proto-oncogene tyrosine-protein kinase Fyn	1	50.995	43.495	48.251	37.385	48.644	41.438	47.580	3.795
IPI:IPI00219018.7	GAPDH	Glyceraldehyde-3-phosphate dehydrogenase	253	10,796.700	11,170.400	10,815.300	11,449.100	11,466.100	11,829.600	10,927.467	210.592
IPI:IPI00219025.3	GLRX	Glutaredoxin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219029.3	GOT1	Aspartate aminotransferase, cytoplasmic	5	457.664	427.992	480.682	427.927	519.224	435.287	455.446	26.415
IPI:IPI00219034.3	NDUFA8	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8	4	240.791	232.069	243.118	255.352	265.382	257.454	238.659	5.825
IPI:IPI00219036.5	DICER1	dicer1	3	106.224	89.947	97.605	85.846	88.430	88.287	97.925	8.143
IPI:IPI00219037.5	H2AFX	Histone H2A.x	2	154.833	178.974	170.355	175.193	113.725	153.603	168.054	12.234
IPI:IPI00219065.2	AGL	Isoform 5 of Glycogen debranching enzyme	4	300.470	300.745	297.636	325.829	344.832	352.615	299.617	1.721
IPI:IPI00219067.4	GSTM2	Glutathione S-transferase Mu 2	11	503.346	626.682	499.423	699.949	609.711	667.008	543.150	72.367
IPI:IPI00219072.5	STK11	Serine/threonine-protein kinase 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219077.4	LTA4H	Isoform 1 of Leukotriene A-4 hydrolase	10	503.086	519.816	499.280	627.544	626.621	643.231	507.394	10.925
IPI:IPI00219078.5	ATP2A2	Isoform SERCA2B of Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	36	2,251.220	2,223.410	2,186.190	1,972.320	1,879.140	2,000.440	2,220.273	32.628
IPI:IPI00219084.2	RELA	Isoform 2 of Transcription factor p65	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219097.4	HMGB2	High mobility group protein B2	5	471.102	466.342	523.260	457.437	480.536	383.898	486.901	31.577
IPI:IPI00219110.7	FREQ	Neuronal calcium sensor 1	1	71.582	88.139	67.516	103.794	72.183	98.209	75.746	10.924
IPI:IPI00219111.7	TRAM1	Translocating chain-associated membrane protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219129.9	NQO2	Ribosyldihydronicotinamide dehydrogenase [quinone]	1	7.418	5.770	7.770	6.649	10.125	5.031	6.986	1.068

IPI:IPI00218487.3	13.573	2.063	1.639	0.01371520	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00218493.7	329.665	14.108	-0.027	0.63583127	11	467.224	472.941	430.654	470.143	394.053	469.074	456.940	22.943	444.423	43.625	-0.040	0.69025042
IPI:IPI00218539.4	7.068	0.425	0.342	0.08579718	4	55.929	55.077	59.234	103.531	94.573	102.486	56.747	2.196	100.197	4.898	0.820	0.00117601
IPI:IPI00218546.2	58.006	1.400	0.455	0.00500255	3	105.725	108.570	108.919	144.128	136.862	132.368	107.738	1.752	137.786	5.934	0.355	0.00838727
IPI:IPI00218568.7	0.000	0.000	n/a	n/a	1	44.446	41.396	47.320	54.604	67.204	57.442	44.387	2.962	59.750	6.610	0.429	0.03990082
IPI:IPI00218606.7	623.061	42.506	-0.575	0.00085258	12	414.214	405.187	432.450	534.424	546.472	521.990	417.284	13.888	534.295	12.242	0.357	0.00043046
IPI:IPI00218648.2	0.000	0.000	n/a	n/a	1	14.278	14.577	12.960	15.290	14.168	15.944	13.938	0.860	15.134	0.898	0.119	0.17162063
IPI:IPI00218658.1	0.000	0.000	n/a	n/a	3	155.790	140.753	154.819	174.786	191.084	175.951	150.454	8.415	180.607	9.092	0.264	0.01370021
IPI:IPI00218682.1	0.000	0.000	n/a	n/a	27	1,643.700	1,519.600	1,660.230	1,573.590	1,722.310	1,591.710	1,607.843	76.867	1,629.203	81.140	0.019	0.75753354
IPI:IPI00218693.8	0.000	0.000	n/a	n/a	2	167.484	205.336	171.880	133.127	107.580	121.110	181.567	20.702	120.606	12.781	-0.590	0.01818048
IPI:IPI00218694.1	295.912	17.390	-0.118	0.11555764	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00218696.2	0.000	0.000	n/a	n/a	1	30.540	43.051	28.618	62.273	47.659	57.526	34.069	7.837	55.819	7.455	0.712	0.02538906
IPI:IPI00218728.4	1,486.223	35.544	0.353	0.00032841	15	640.015	663.938	643.645	617.961	570.857	607.317	649.199	12.892	598.712	24.703	-0.117	0.05144064
IPI:IPI00218733.6	76.357	4.300	-0.007	0.90613734	11	570.964	525.941	580.857	253.288	276.921	286.915	559.254	29.271	272.375	17.268	-1.038	0.00045369
IPI:IPI00218775.2	217.583	10.233	-0.088	0.20183541	25	1,278.710	1,294.580	1,285.640	1,365.890	1,359.370	1,360.160	1,286.310	7.956	1,361.807	3.558	0.082	0.00098536
IPI:IPI00218782.3	990.250	85.081	-0.377	0.01125089	20	685.503	642.461	701.854	595.549	681.579	600.719	676.606	30.680	625.949	48.246	-0.112	0.21294655
IPI:IPI00218788.1	28.858	2.664	-0.380	0.07948264	2	47.983	46.105	55.675	70.057	71.874	68.483	49.921	5.071	70.138	1.697	0.491	0.01326573
IPI:IPI00218803.3	0.000	0.000	n/a	n/a	2	28.702	25.547	29.126	49.935	49.094	50.633	27.792	1.956	49.887	0.771	0.844	0.00080837
IPI:IPI00218829.9	1,173.837	35.016	-0.031	0.35912457	22	902.597	983.644	911.599	1,243.900	1,148.760	1,193.810	932.613	44.422	1,195.490	47.592	0.358	0.00224124
IPI:IPI00218830.1	0.000	0.000	n/a	n/a	11	490.680	501.187	477.265	450.955	428.105	438.038	489.711	11.990	439.033	11.457	-0.158	0.00615591
IPI:IPI00218831.4	748.916	19.075	0.202	0.00273089	8	668.752	647.942	709.677	43.236	65.751	58.574	675.457	31.409	55.854	11.501	-3.596	0.00023039
IPI:IPI00218847.5	295.566	7.830	0.059	0.16013875	11	359.802	313.411	360.476	355.389	373.714	344.557	344.563	26.981	357.887	14.738	0.055	0.50690091
IPI:IPI00218848.5	333.854	1.124	0.221	0.00815695	3	186.425	196.807	186.066	220.014	203.322	211.467	189.766	6.100	211.601	8.347	0.157	0.02518972
IPI:IPI00218857.1	310.518	13.404	-0.150	0.04410767	7	223.791	212.340	227.599	282.056	301.500	292.561	221.243	7.942	292.039	9.733	0.401	0.00074822
IPI:IPI00218895.6	0.000	0.000	n/a	n/a	1	42.570	38.580	40.372	25.624	32.444	25.834	40.507	1.998	27.967	3.878	-0.534	0.01568049
IPI:IPI00218896.3	357.553	214.719	0.156	0.86637563	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00218914.5	2,141.110	112.828	0.234	0.01993346	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00218918.5	3,945.647	101.277	-0.157	0.00987603	49	3,020.200	2,948.370	2,922.300	1,593.860	1,651.940	1,631.070	2,963.623	50.701	1,625.623	29.421	-0.866	0.00002058
IPI:IPI00218922.5	955.186	20.910	0.158	0.00370283	25	823.321	860.107	830.592	826.581	777.615	801.086	838.007	19.482	801.761	24.490	-0.064	0.11898875
IPI:IPI00218924.5	0.000	0.000	n/a	n/a	3	167.718	167.992	161.463	121.597	132.794	122.661	165.724	3.693	125.684	6.180	-0.399	0.00165638
IPI:IPI00218962.3	115.024	8.563	-0.424	0.01129582	7	596.423	586.826	576.186	738.574	705.729	725.750	586.478	10.123	723.351	16.553	0.303	0.00072067
IPI:IPI00218971.4	50.303	5.692	0.333	0.06906965	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219000.3	382.774	16.921	0.339	0.00375230	1	51.713	51.280	46.521	0.729	0.000	1.941	49.838	2.881	0.890	0.981	-5.807	0.00039616
IPI:IPI00219005.3	2,198.270	95.259	0.115	0.07519269	37	1,680.800	1,681.940	1,678.560	1,691.870	1,619.740	1,669.460	1,680.433	1.720	1,660.357	36.917	-0.017	0.44772697
IPI:IPI00219012.4	42.489	5.703	-0.163	0.27702176	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219018.7	11,581.600	214.942	0.084	0.01970891	278	8,444.590	8,864.610	8,748.820	7,021.290	6,774.490	7,017.950	8,686.007	216.941	6,937.910	141.536	-0.324	0.00068724
IPI:IPI00219025.3	0.000	0.000	n/a	n/a	1	14.989	22.089	21.402	22.703	20.427	25.958	19.493	3.916	23.029	2.780	0.240	0.27815370
IPI:IPI00219029.3	460.813	50.719	0.017	0.88129361	13	656.437	651.039	675.250	619.018	715.779	650.538	660.909	12.710	661.778	49.350	0.002	0.97914543
IPI:IPI00219034.3	259.396	5.289	0.120	0.01056680	5	201.211	188.039	211.374	250.098	267.683	254.498	200.208	11.700	257.426	9.151	0.363	0.00320336
IPI:IPI00219036.5	87.521	1.453	-0.162	0.15403714	2	36.188	35.554	34.472	54.891	62.275	67.016	35.405	0.868	61.394	6.110	0.794	0.01643524
IPI:IPI00219037.5	147.507	31.184	-0.188	0.37678069	1	11.519	11.506	12.678	8.601	8.251	6.130	11.901	0.673	7.661	1.337	-0.635	0.01684177
IPI:IPI00219065.2	341.092	13.779	0.187	0.03318727	4	138.885	144.813	135.562	126.383	113.598	121.428	139.753	4.686	120.470	6.446	-0.214	0.01666693
IPI:IPI00219067.4	658.889	45.664	0.279	0.09152737	1	97.719	86.551	106.223	14.395	23.858	19.758	96.831	9.866	19.337	4.745	-2.324	0.00143563
IPI:IPI00219072.5	0.000	0.000	n/a	n/a	1	21.823	24.352	20.162	10.900	11.915	11.617	22.112	2.110	11.478	0.522	-0.946	0.00953984
IPI:IPI00219077.4	632.465	9.335	0.318	0.00013493	16	998.527	953.207	1,003.190	716.715	769.853	726.838	984.975	27.610	737.802	28.215	-0.417	0.00041371
IPI:IPI00219078.5	1,950.633	63.491	-0.187	0.00736021	60	2,412.820	2,420.000	2,364.670	2,892.070	2,874.050	2,921.170	2,399.163	30.087	2,895.763	23.776	0.271	0.00003561
IPI:IPI00219084.2	0.000	0.000	n/a	n/a	5	146.080	132.765	125.627	239.688	204.997	228.601	134.824	10.381	224.429	17.718	0.735	0.00371101
IPI:IPI00219097.4	440.624	50.465	-0.144	0.26208024	11	715.523	794.794	764.248	353.485	370.600	376.768	758.188	39.981	366.951	12.063	-1.047	0.00178020
IPI:IPI00219110.7	91.395	16.871	0.271	0.26006710	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219111.7	0.000	0.000	n/a	n/a	1	43.282	51.816	44.429	81.943	61.202	77.396	46.509	4.632	73.514	10.902	0.661	0.03508598
IPI:IPI00219129.9	7.268	2.603	0.057	0.87462441	3	125.655	138.354	127.201	183.305	172.733	193.440	130.403	6.929	183.159	10.354	0.490	0.00307467

IPI:IPI00219153.4	RPL22	60S ribosomal protein L22	2	215.775	201.809	190.092	201.049	210.022	203.523	202.559	12.858
IPI:IPI00219155.5	RPL27	60S ribosomal protein L27	16	1,224.960	1,168.920	1,249.610	764.770	867.601	783.481	1,214.497	41.350
IPI:IPI00219156.7	RPL30	60S ribosomal protein L30	7	482.524	456.023	489.876	375.068	448.375	404.262	476.141	17.806
IPI:IPI00219160.3	RPL34	60S ribosomal protein L34	4	153.750	178.101	152.973	165.999	151.497	157.279	161.608	14.289
IPI:IPI00219217.3	LDHB	L-lactate dehydrogenase B chain	27	1,955.680	2,119.480	2,039.560	2,046.580	2,095.200	2,023.030	2,038.240	81.908
IPI:IPI00219219.3	LGALS1	Galectin-1	116	5,877.150	5,908.770	5,871.450	4,743.460	4,565.260	4,759.510	5,885.790	20.104
IPI:IPI00219249.4	CNTNAP1	Contactin-associated protein 1	2	144.652	118.712	145.612	87.942	101.896	94.500	136.325	15.261
IPI:IPI00219299.4	TLN2	Talin-2	1	31.499	28.182	34.759	37.702	43.306	38.734	31.480	3.289
IPI:IPI00219301.7	MARCKS	Myristoylated alanine-rich C-kinase substrate	28	1,618.150	1,492.100	1,616.090	1,512.800	1,599.070	1,609.860	1,575.447	72.188
IPI:IPI00219330.2	ILF3	Isoform 5 of Interleukin enhancer-binding factor 3	1	10.889	4.637	4.965	5.734	9.931	6.883	6.831	3.519
IPI:IPI00219344.4	HPCAL1	Hippocalcin-like protein 1	5	150.525	156.744	150.394	164.270	150.130	175.209	152.554	3.629
IPI:IPI00219352.4	CBS	Isoform 1 of Cystathionine beta-synthase	3	147.021	177.564	151.606	199.483	171.891	189.768	158.730	16.471
IPI:IPI00219358.7	MPI	Isoform 1 of Mannose-6-phosphate isomerase	2	155.076	152.382	152.963	165.732	169.491	163.717	153.474	1.418
IPI:IPI00219365.3	MSN	Moesin	64	3,554.870	3,472.410	3,532.920	3,168.030	3,177.620	3,237.520	3,520.067	42.706
IPI:IPI00219381.5	NDUFA2	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2	1	77.222	66.775	79.083	26.065	28.827	27.724	74.360	6.634
IPI:IPI00219383.3	NDUFB3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3	3	445.902	449.182	443.665	342.320	378.753	373.437	446.250	2.775
IPI:IPI00219385.3	NDUFB6	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6	3	293.745	317.260	293.616	293.490	261.877	295.712	301.540	13.614
IPI:IPI00219420.3	SMC3	Structural maintenance of chromosomes protein 3	15	951.440	892.133	966.766	860.191	872.797	866.317	936.780	39.417
IPI:IPI00219430.1	MED24	Mediator of RNA polymerase II transcription subunit 24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219436.3	SEC11C	Signal peptidase complex catalytic subunit SEC11C	1	36.200	30.123	37.884	33.020	37.225	30.896	34.736	4.082
IPI:IPI00219446.5	PEBP1	Phosphatidylethanolamine-binding protein 1	15	1,042.130	1,007.020	1,038.050	1,066.770	1,124.450	1,089.070	1,029.067	19.202
IPI:IPI00219456.5	P4HTM	Isoform 1 of Transmembrane prolyl 4-hydroxylase	1	61.890	64.190	59.366	52.526	57.049	50.615	61.815	2.413
IPI:IPI00219468.4	PFN2	Isoform IIa of Profilin-2	1	127.532	120.258	123.596	124.912	127.201	131.248	123.795	3.641
IPI:IPI00219483.1	SNRNP70	Isoform 2 of U1 small nuclear ribonucleoprotein 70 kDa	4	635.771	670.126	637.557	595.999	535.845	566.889	647.818	19.340
IPI:IPI00219504.1	USP15	Isoform 2 of Ubiquitin carboxyl-terminal hydrolase 15	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219512.2	UCHL5	Isoform 2 of Ubiquitin carboxyl-terminal hydrolase isozyme L5	2	199.215	231.719	196.206	238.557	203.378	227.474	209.047	19.692
IPI:IPI00219518.7	ARL1	ADP-ribosylation factor-like protein 1	4	162.881	162.871	160.094	200.989	194.701	198.456	161.949	1.606
IPI:IPI00219525.1	PGD	6-phosphogluconate dehydrogenase, decarboxylating	23	1,442.400	1,560.280	1,423.150	1,796.180	1,667.130	1,780.240	1,475.277	74.242
IPI:IPI00219526.6	PGM1	Isoform 1 of Phosphoglucomutase-1	24	1,366.160	1,416.510	1,345.440	1,498.600	1,481.620	1,471.620	1,376.037	36.550
IPI:IPI00219538.3	POLB	DNA polymerase beta	2	73.285	74.765	73.651	64.202	62.608	64.167	73.900	0.771
IPI:IPI00219563.1	PLCB1	Isoform A of 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-1	1	13.185	11.526	14.679	12.859	16.222	10.622	13.130	1.577
IPI:IPI00219568.4	PGK2	Phosphoglycerate kinase 2	1	36.935	48.809	38.267	47.523	40.471	44.785	41.337	6.505
IPI:IPI00219575.5	BLMH	Bleomycin hydrolase	13	780.081	793.383	744.292	733.692	717.978	746.417	772.585	25.389
IPI:IPI00219585.4	PFKM	Isoform 2 of 6-phosphofructokinase, muscle type	7	424.875	419.923	420.607	445.311	495.548	454.397	421.802	2.683
IPI:IPI00219604.3	MAP2K1	Dual specificity mitogen-activated protein kinase kinase 1	15	855.472	892.500	874.509	931.949	933.934	943.216	874.160	18.516
IPI:IPI00219613.4	PITRM1	Isoform 1 of Presequence protease, mitochondrial	22	1,669.080	1,535.720	1,595.880	1,396.690	1,473.950	1,429.900	1,600.227	66.786
IPI:IPI00219616.7	PRPS1	Ribose-phosphate pyrophosphokinase 1	19	1,056.190	1,144.080	1,038.300	1,191.930	1,061.400	1,153.950	1,079.523	56.619
IPI:IPI00219622.3	PSMA2	Proteasome subunit alpha type-2	6	421.707	385.955	410.516	391.510	416.481	393.900	406.059	18.288
IPI:IPI00219655.6	PHYH	Phytanoyl-CoA dioxygenase, peroxisomal precursor	2	159.749	142.088	146.344	176.977	168.379	169.240	149.394	9.217
IPI:IPI00219663.1	TCIRG1	Isoform Short of V-type proton ATPase 116 kDa subunit a isoform 3	3	112.650	123.190	113.307	151.847	134.263	138.196	116.382	5.905
IPI:IPI00219669.5	CA8	Carbonic anhydrase-related protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219673.6	GSTK1	Glutathione S-transferase kappa 1	8	419.060	385.730	427.067	444.867	469.405	465.538	410.619	21.923
IPI:IPI00219677.4	DERA	Putative deoxyribose-phosphate aldolase	2	194.555	235.251	191.860	235.167	203.506	234.144	207.222	24.311
IPI:IPI00219678.3	EIF2S1	Eukaryotic translation initiation factor 2 subunit 1	6	447.078	480.515	466.923	407.819	441.581	433.901	464.839	16.816
IPI:IPI00219682.6	STOM	Erythrocyte band 7 integral membrane protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219685.5	NDUFA13	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13	1	112.192	121.092	113.007	112.931	92.450	113.757	115.430	4.920
IPI:IPI00219718.3	RBP1	retinol binding protein 1, cellular isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219728.1	CTNND1	Isoform 2A of Catenin delta-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219729.3	SLC25A11	Mitochondrial 2-oxoglutarate/malate carrier protein	1	72.818	85.393	77.303	56.710	48.974	57.782	78.505	6.373
IPI:IPI00219755.7	SPCS1	signal peptidase complex subunit 1 homolog	4	135.368	135.410	136.692	144.357	162.793	154.533	135.823	0.753
IPI:IPI00219757.1	GSTP1	Glutathione S-transferase P	39	2,334.950	2,139.040	2,214.440	2,543.410	2,716.410	2,590.060	2,229.477	98.817
IPI:IPI00219759.1	ZNF207	Isoform 2 of Zinc finger protein 207	7	621.159	526.376	560.371	509.440	561.693	520.418	569.302	48.019

IPI:IPI00219153.4	204.865	4.635	0.016	0.79297476	9	348.672	342.803	335.347	391.294	430.841	409.795	342.274	6.678	410.643	19.787	0.263	0.01837480
IPI:IPI00219155.5	805.284	54.773	-0.593	0.00071730	19	808.008	866.073	807.975	1,417.910	1,281.970	1,329.410	827.352	33.533	1,343.097	68.996	0.699	0.00160717
IPI:IPI00219156.7	409.235	36.906	-0.218	0.06948219	8	332.301	312.809	338.207	246.919	278.541	263.339	327.772	13.291	262.933	15.815	-0.318	0.00604524
IPI:IPI00219160.3	158.258	7.300	-0.030	0.74283275	4	141.957	130.442	141.312	127.058	146.829	131.735	137.904	6.470	135.207	10.333	-0.028	0.72509840
IPI:IPI00219217.3	2,054.937	36.804	0.012	0.77129234	48	2,165.600	2,349.940	2,194.900	2,458.850	2,342.540	2,371.770	2,236.813	99.060	2,391.053	60.505	0.096	0.09693296
IPI:IPI00219219.3	4,689.410	107.816	-0.328	0.00203588	129	4,458.820	4,547.120	4,469.440	4,167.120	4,105.010	4,156.560	4,491.793	48.208	4,142.897	33.233	-0.117	0.00090049
IPI:IPI00219249.4	94.779	6.981	-0.524	0.02679345	1	40.819	39.663	44.112	62.603	63.558	57.616	41.531	2.309	61.259	3.191	0.561	0.00146346
IPI:IPI00219299.4	39.914	2.982	0.342	0.03064986	2	64.333	64.692	62.229	64.020	64.347	62.870	63.751	1.331	63.746	0.776	0.000	0.99588426
IPI:IPI00219301.7	1,573.910	53.197	-0.001	0.97839156	2	77.550	73.471	77.434	49.581	48.525	46.703	76.152	2.322	48.270	1.456	-0.658	0.00019864
IPI:IPI00219330.2	7.516	2.169	0.138	0.79136702	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219344.4	163.203	12.574	0.097	0.27740380	7	207.162	201.609	204.395	217.639	224.956	223.293	204.389	2.777	221.963	3.836	0.119	0.00412084
IPI:IPI00219352.4	187.047	13.996	0.237	0.08763356	3	82.534	84.491	79.368	110.686	110.628	107.038	82.131	2.585	109.451	2.090	0.414	0.00018545
IPI:IPI00219358.7	166.313	2.931	0.116	0.00725057	15	848.510	837.139	842.781	775.171	746.492	785.379	842.810	5.686	769.014	20.161	-0.132	0.01796565
IPI:IPI00219365.3	3,194.390	37.658	-0.140	0.00063217	108	4,104.560	4,185.150	4,052.670	4,470.570	4,304.240	4,426.040	4,114.127	66.756	4,400.283	86.104	0.097	0.01199293
IPI:IPI00219381.5	27.539	1.390	-1.433	0.00504349	2	102.850	115.296	103.246	121.557	108.132	109.498	107.131	7.074	113.062	7.388	0.078	0.37235438
IPI:IPI00219383.3	364.837	19.680	-0.291	0.01741957	6	509.936	512.263	497.392	484.316	473.407	482.472	506.530	7.999	480.065	5.839	-0.077	0.01212015
IPI:IPI00219385.3	283.693	18.926	-0.088	0.26232854	8	361.387	368.097	350.132	389.711	408.750	394.334	359.872	9.078	397.598	9.930	0.144	0.00847906
IPI:IPI00219420.3	866.435	6.304	-0.113	0.08714087	53	2,087.700	2,098.990	2,096.180	2,451.850	2,426.800	2,465.610	2,094.290	5.878	2,448.087	19.677	0.225	0.00043620
IPI:IPI00219430.1	0.000	0.000	n/a	n/a	1	10.171	10.431	8.390	14.792	15.484	16.479	9.664	1.111	15.585	0.848	0.689	0.00237566
IPI:IPI00219436.3	33.714	3.221	-0.043	0.75411602	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219446.5	1,093.430	29.086	0.088	0.04037044	32	1,248.640	1,217.670	1,211.660	1,719.130	1,687.190	1,722.790	1,225.990	19.844	1,709.703	19.583	0.480	0.00000752
IPI:IPI00219456.5	53.397	3.304	-0.211	0.02725323	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219468.4	127.787	3.208	0.046	0.22858782	1	28.766	29.724	28.532	27.650	25.073	30.346	29.007	0.631	27.690	2.636	-0.067	0.48311610
IPI:IPI00219483.1	566.244	30.082	-0.194	0.02281752	14	936.051	932.306	929.770	1,270.350	1,273.450	1,247.980	932.709	3.160	1,263.927	13.897	0.438	0.00033260
IPI:IPI00219504.1	0.000	0.000	n/a	n/a	1	36.137	31.095	30.079	39.331	40.194	37.421	32.437	3.244	38.982	1.419	0.265	0.05596235
IPI:IPI00219512.2	223.136	17.986	0.094	0.41320047	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219518.7	198.049	3.164	0.290	0.00042786	2	53.360	51.364	50.079	8.433	13.515	10.686	51.601	1.653	10.878	2.546	-2.246	0.00006793
IPI:IPI00219525.1	1,747.850	70.358	0.245	0.00998406	32	1,089.930	1,051.350	1,081.570	1,056.040	1,103.500	1,048.820	1,074.283	20.296	1,069.453	29.705	-0.007	0.82936322
IPI:IPI00219526.6	1,483.947	13.640	0.109	0.02488599	24	953.324	1,000.110	970.993	836.841	831.782	834.874	974.809	23.625	834.499	2.550	-0.224	0.00872165
IPI:IPI00219538.3	63.659	0.910	-0.215	0.00014553	1	14.458	15.461	14.373	14.454	14.168	10.964	14.764	0.605	13.195	1.938	-0.162	0.29404686
IPI:IPI00219563.1	13.234	2.819	0.011	0.95875018	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219568.4	44.260	3.555	0.099	0.54232280	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219575.5	732.696	14.246	-0.076	0.09427771	7	443.559	418.764	462.369	350.611	374.660	363.765	441.564	21.871	363.012	12.042	-0.283	0.01105367
IPI:IPI00219585.4	465.085	26.770	0.141	0.10624389	1	27.717	24.444	26.558	34.904	32.909	37.095	26.240	1.660	34.969	2.094	0.414	0.00559427
IPI:IPI00219604.3	936.366	6.014	0.099	0.02011026	15	575.369	641.238	569.976	737.841	597.824	711.517	595.528	39.678	682.394	74.413	0.196	0.17088177
IPI:IPI00219613.4	1,433.513	38.757	-0.159	0.02971296	39	2,108.930	1,933.150	2,130.020	1,541.110	1,783.630	1,580.380	2,057.367	108.090	1,635.040	130.172	-0.331	0.01335018
IPI:IPI00219616.7	1,135.760	67.139	0.073	0.33184958	15	1,002.760	1,043.980	1,022.380	836.395	850.054	832.015	1,023.040	20.618	839.488	9.409	-0.285	0.00112042
IPI:IPI00219622.3	400.630	13.779	-0.019	0.70394125	12	544.545	522.821	579.809	468.421	560.116	491.228	549.058	28.761	506.588	47.738	-0.116	0.27171501
IPI:IPI00219655.6	171.532	4.735	0.199	0.03457338	5	314.836	311.204	320.786	369.781	399.142	367.163	315.609	4.838	378.695	17.756	0.263	0.01949100
IPI:IPI00219663.1	141.435	9.229	0.281	0.02277463	2	39.038	36.698	37.846	23.554	24.641	25.541	37.861	1.170	24.579	0.995	-0.623	0.00013704
IPI:IPI00219669.5	0.000	0.000	n/a	n/a	3	99.479	92.165	110.751	101.475	122.631	99.054	100.798	9.363	107.720	12.970	0.096	0.49918502
IPI:IPI00219673.6	459.937	13.193	0.164	0.03894208	10	571.694	542.075	594.786	365.967	375.519	371.513	569.518	26.423	371.000	4.797	-0.618	0.00472292
IPI:IPI00219677.4	224.272	17.991	0.114	0.38968736	2	41.580	48.854	49.666	49.762	49.220	54.827	46.700	4.453	51.270	3.092	0.135	0.22659665
IPI:IPI00219678.3	427.767	17.697	-0.120	0.05834446	19	837.036	808.936	841.697	869.503	859.954	866.995	829.223	17.723	865.484	4.951	0.062	0.06210041
IPI:IPI00219682.6	0.000	0.000	n/a	n/a	7	203.051	204.405	204.715	243.476	240.281	246.166	204.057	0.885	243.308	2.946	0.254	0.00086885
IPI:IPI00219685.5	106.379	12.070	-0.118	0.32581492	2	143.214	127.715	146.502	144.475	159.848	148.587	139.144	10.033	150.970	7.959	0.118	0.18866452
IPI:IPI00219718.3	0.000	0.000	n/a	n/a	1	27.871	29.346	32.111	34.053	34.599	36.404	29.776	2.152	35.019	1.231	0.234	0.03192070
IPI:IPI00219728.1	0.000	0.000	n/a	n/a	17	635.393	659.753	653.143	821.440	830.510	848.014	649.430	12.597	833.321	13.508	0.360	0.00006877
IPI:IPI00219729.3	54.489	4.806	-0.527	0.00788205	2	97.573	82.468	91.716	130.314	129.481	137.146	90.586	7.616	132.314	4.206	0.547	0.00317574
IPI:IPI00219755.7	153.894	9.235	0.180	0.07623964	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219757.1	2,616.627	89.507	0.231	0.00754329	27	1,742.190	1,661.790	1,741.290	1,169.780	1,233.010	1,187.200	1,715.090	46.161	1,196.663	32.660	-0.519	0.00018452
IPI:IPI00219759.1	530.517	27.552	-0.102	0.30924146	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00219772.3	NDUFB7	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7	1	151.930	136.415	148.854	140.624	148.452	149.947	145.733	8.215
IPI:IPI00219774.3	PRKAR2A	cAMP-dependent protein kinase type II-alpha regulatory subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219783.7	UBE2G1	Ubiquitin-conjugating enzyme E2 G1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219793.1	PPAN	Isoform 2 of Suppressor of SWI4 1 homolog	2	71.895	91.554	59.562	106.052	69.652	103.399	74.337	16.135
IPI:IPI00219798.1	ROBO1	Isoform 1 of Roundabout homolog 1	2	136.603	133.984	132.311	140.693	133.479	153.275	134.299	2.163
IPI:IPI00219806.7	S100A7	Protein S100-A7	2	156.230	134.104	161.069	105.978	126.379	119.966	150.468	14.376
IPI:IPI00219833.2	TIMM17B	Mitochondrial import inner membrane translocase subunit Tim17-B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219841.6	LIG1	DNA ligase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219861.3	ACP1	Isoform 1 of Low molecular weight phosphotyrosine protein phosphatase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219868.1	CTNND1	Isoform 1AC of Catenin delta-1	17	1,484.810	1,426.060	1,487.660	1,113.330	1,149.700	1,128.800	1,466.177	34.771
IPI:IPI00219889.2	UQCC	Isoform 2 of Ubiquinol-cytochrome c reductase complex chaperone CBP3 homolog	1	42.315	35.558	41.136	43.907	46.605	44.988	39.670	3.609
IPI:IPI00219910.2	-	22 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219913.1	USP14	Ubiquitin carboxyl-terminal hydrolase 14	26	1,263.540	1,229.050	1,285.990	1,316.280	1,397.090	1,346.630	1,259.527	28.681
IPI:IPI00219919.2	DMAP1	DNA methyltransferase 1-associated protein 1	1	49.426	64.083	48.387	58.745	53.301	62.289	53.965	8.777
IPI:IPI00219930.7	CRABP1	Cellular retinoic acid-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00219953.5	CMPK1	UMP-CMP kinase 1 isoform a	11	600.140	562.842	572.872	585.415	563.112	600.314	578.618	19.301
IPI:IPI00220007.6	APOL2	cDNA FLJ55764, highly similar to Apolipoprotein-L2	4	220.514	238.734	225.051	207.252	213.324	208.051	228.100	9.485
IPI:IPI00220014.2	IDI1	isopentenyl-diphosphate delta isomerase	4	191.673	176.155	181.096	345.564	386.302	354.860	182.975	7.928
IPI:IPI00220030.1	PXN	Isoform Alpha of Paxillin	8	464.710	416.477	463.304	525.006	545.536	515.224	448.164	27.450
IPI:IPI00220038.1	SRRT	Isoform 2 of Serrate RNA effector molecule homolog	10	659.250	686.968	663.825	653.726	606.401	670.013	670.014	14.859
IPI:IPI00220039.7	ANO10	Isoform 1 of Anoctamin-10	9	470.130	465.924	444.140	525.436	513.490	503.199	460.065	13.951
IPI:IPI00220059.5	NDUFB4	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220063.5	NDUFS5	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5	1	105.306	99.687	102.537	108.842	108.750	102.411	102.510	2.809
IPI:IPI00220079.1	NCOA3	Isoform 2 of Nuclear receptor coactivator 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220099.1	STX3	Isoform B of Syntaxin-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220102.1	DNAJB2	Isoform 3 of DnaJ homolog subfamily B member 2	2	223.476	187.114	216.845	232.765	268.237	253.781	209.145	19.365
IPI:IPI00220109.6	ATRX	transcriptional regulator ATRX isoform 2	1	15.882	14.871	15.582	9.601	12.804	11.531	15.445	0.519
IPI:IPI00220150.4	IDH3G	Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220151.1	SLC12A6	Isoform 2 of Solute carrier family 12 member 6	1	97.701	83.902	97.729	120.496	126.727	128.733	93.111	7.975
IPI:IPI00220156.1	TGFB2	Isoform B of Transforming growth factor beta-2	1	18.774	20.723	18.987	31.737	28.441	29.486	19.495	1.069
IPI:IPI00220194.6	SLC2A1	Solute carrier family 2, facilitated glucose transporter member 1	12	491.171	511.385	490.943	459.942	460.226	418.416	497.833	11.737
IPI:IPI00220219.6	COPB2	Coatomer subunit beta'	35	2,269.190	2,237.610	2,228.120	2,256.310	2,217.840	2,245.480	2,244.973	21.502
IPI:IPI00220249.4	LTBP1	173 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220267.7	ASL	Argininosuccinate lyase	4	232.260	204.911	246.210	223.594	257.781	228.436	227.794	21.009
IPI:IPI00220271.3	AKR1A1	Alcohol dehydrogenase [NADP+]	9	613.294	589.460	620.276	680.585	762.406	697.256	607.677	16.158
IPI:IPI00220278.5	MYL9	Myosin regulatory light polypeptide 9	21	1,529.470	1,373.440	1,486.110	1,081.930	1,279.550	1,146.780	1,463.007	80.540
IPI:IPI00220299.1	FLAD1	Isoform 1 of FAD synthetase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220301.5	PRDX6	Peroxiredoxin-6	16	1,080.370	1,144.400	1,108.170	1,140.190	1,193.500	1,084.710	1,110.980	32.107
IPI:IPI00220308.1	NF2	Isoform 2 of Merlin	6	348.000	364.857	364.099	342.163	336.131	328.740	358.985	9.521
IPI:IPI00220317.3	POLA1	DNA polymerase alpha catalytic subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220327.4	KRT1	Keratin, type II cytoskeletal 1	54	4,044.460	3,830.790	3,960.820	3,679.480	3,699.750	3,786.380	3,945.357	107.671
IPI:IPI00220342.5	DDAH1	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	4	197.881	186.724	194.696	187.500	188.819	188.428	193.100	5.747
IPI:IPI00220344.9	RPL36A;RPL	60S ribosomal protein L36a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220350.2	ITGB3	Isoform Beta-3B of Integrin beta-3	6	304.678	299.219	291.701	306.803	320.666	318.478	298.533	6.516
IPI:IPI00220362.5	HSPE1	10 kDa heat shock protein, mitochondrial	22	1,886.020	1,968.440	2,083.420	1,736.980	1,818.860	1,875.250	1,979.293	99.147
IPI:IPI00220373.5	IDE	Insulin-degrading enzyme	11	766.017	842.548	759.705	816.122	688.887	810.742	789.423	46.115
IPI:IPI00220402.3	PPP1R2	Protein phosphatase inhibitor 2	4	127.928	133.551	130.826	112.822	107.177	111.674	130.768	2.812
IPI:IPI00220409.3	PRKAB1	5'-AMP-activated protein kinase subunit beta-1	6	368.803	349.139	366.562	370.721	399.672	383.237	361.501	10.765
IPI:IPI00220416.3	UQCRB	Cytochrome b-c1 complex subunit 7	10	958.973	906.618	952.864	908.706	926.585	884.194	939.485	28.627
IPI:IPI00220424.6	PIAS1	E3 SUMO-protein ligase PIAS1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220473.2	ATP2C1	Isoform 2 of Calcium-transporting ATPase type 2C member 1	9	477.088	453.121	477.615	611.014	626.790	625.948	469.275	13.992
IPI:IPI00220477.3	MCRS1	Isoform 2 of Microspherule protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00219772.3	146.341	5.007	0.006	0.92016953	3	166.150	156.949	174.833	60.556	69.859	66.617	165.977	8.943	65.677	4.722	-1.338	0.00040563
IPI:IPI00219774.3	0.000	0.000	n/a	n/a	12	453.771	475.116	468.776	269.333	242.382	265.956	465.888	10.962	259.224	14.683	-0.846	0.00007301
IPI:IPI00219783.7	0.000	0.000	n/a	n/a	3	83.809	79.351	97.787	106.721	116.932	107.783	86.982	9.619	110.479	5.614	0.345	0.03150290
IPI:IPI00219793.1	93.034	20.293	0.324	0.28352710	2	138.873	127.074	138.645	86.038	93.026	89.818	134.864	6.747	89.627	3.498	-0.589	0.00194207
IPI:IPI00219798.1	142.482	10.019	0.085	0.29211311	3	223.687	279.102	210.082	303.225	219.193	288.349	237.624	36.560	270.256	44.843	0.186	0.38880246
IPI:IPI00219806.7	117.441	10.432	-0.358	0.03683735	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219833.2	0.000	0.000	n/a	n/a	1	48.836	53.818	47.821	46.544	43.926	39.754	50.158	3.210	43.408	3.425	-0.209	0.06796007
IPI:IPI00219841.6	0.000	0.000	n/a	n/a	6	214.666	228.052	202.067	315.264	274.545	302.538	214.928	12.994	297.449	20.831	0.469	0.00742803
IPI:IPI00219861.3	0.000	0.000	n/a	n/a	1	7.409	10.766	8.551	12.337	8.947	10.883	8.909	1.707	10.722	1.701	0.267	0.26243896
IPI:IPI00219868.1	1,130.610	18.252	-0.375	0.00064676	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00219889.2	45.167	1.358	0.187	0.10498667	1	79.428	71.801	66.994	94.671	105.747	107.176	72.741	6.270	102.531	6.845	0.495	0.00524680
IPI:IPI00219910.2	0.000	0.000	n/a	n/a	5	123.827	118.026	129.072	196.246	201.361	184.186	123.642	5.525	193.931	8.818	0.649	0.00077449
IPI:IPI00219913.1	1,353.333	40.820	0.104	0.03658725	15	785.773	720.497	762.653	606.868	697.223	647.535	756.308	33.097	650.542	45.252	-0.217	0.03509315
IPI:IPI00219919.2	58.111	4.528	0.107	0.52014077	3	103.092	112.812	123.071	145.523	143.884	145.313	112.992	9.991	144.907	0.892	0.359	0.03033092
IPI:IPI00219930.7	0.000	0.000	n/a	n/a	1	23.811	24.766	25.912	29.606	28.236	31.440	24.830	1.052	29.761	1.607	0.261	0.01572805
IPI:IPI00219953.5	582.947	18.723	0.011	0.79463142	18	422.957	421.395	429.346	561.469	584.885	578.315	424.566	4.213	574.890	12.078	0.437	0.00080093
IPI:IPI00220007.6	209.542	3.299	-0.122	0.06424989	3	137.747	152.660	143.308	142.121	132.044	138.087	144.572	7.536	137.417	5.072	-0.073	0.25410678
IPI:IPI00220014.2	362.242	21.349	0.985	0.00192227	5	455.233	402.240	412.771	361.887	371.740	372.852	423.415	28.054	368.826	6.035	-0.199	0.07201287
IPI:IPI00220030.1	528.589	15.470	0.238	0.01934821	17	808.807	788.508	818.820	1,101.090	1,161.110	1,084.240	805.378	15.444	1,115.480	40.405	0.470	0.00230650
IPI:IPI00220038.1	643.380	33.044	-0.059	0.29909692	24	907.503	899.401	930.133	727.145	755.031	752.623	912.346	15.928	744.933	15.452	-0.292	0.00019935
IPI:IPI00220039.7	514.042	11.129	0.160	0.00724427	4	166.489	159.088	164.260	195.194	203.738	209.053	163.279	3.797	202.662	6.992	0.312	0.00300125
IPI:IPI00220059.5	0.000	0.000	n/a	n/a	2	130.019	147.264	142.485	143.455	152.832	138.010	139.923	8.903	144.766	7.497	0.049	0.51214356
IPI:IPI00220063.5	106.668	3.687	0.057	0.20032508	12	536.141	553.775	545.950	506.029	495.663	495.459	545.289	8.836	499.050	6.045	-0.128	0.00274880
IPI:IPI00220079.1	0.000	0.000	n/a	n/a	1	65.832	65.228	69.946	90.170	82.227	91.884	67.002	2.567	88.094	5.152	0.395	0.00844581
IPI:IPI00220099.1	0.000	0.000	n/a	n/a	2	109.431	123.711	115.047	180.534	176.488	178.244	116.063	7.194	178.422	2.029	0.620	0.00254927
IPI:IPI00220102.1	251.594	17.837	0.267	0.04955681	1	11.110	10.746	11.641	15.137	12.573	15.227	11.166	0.450	14.312	1.507	0.358	0.05854013
IPI:IPI00220109.6	11.312	1.613	-0.449	0.03694008	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220150.4	0.000	0.000	n/a	n/a	22	998.012	1,047.200	1,013.620	869.122	851.417	853.137	1,019.611	25.135	857.892	9.763	-0.249	0.00352212
IPI:IPI00220151.1	125.319	4.295	0.429	0.00810029	1	73.207	62.932	80.565	77.354	97.240	85.086	72.234	8.857	86.560	10.025	0.261	0.13872598
IPI:IPI00220156.1	29.888	1.684	0.616	0.00174919	4	58.191	60.035	58.923	69.217	67.402	66.072	59.050	0.929	67.564	1.578	0.194	0.00302505
IPI:IPI00220194.6	446.195	24.057	-0.158	0.04661317	5	216.905	207.888	212.819	69.370	82.491	72.455	212.537	4.515	74.772	6.860	-1.507	0.00002970
IPI:IPI00220219.6	2,239.877	19.838	-0.003	0.77921644	52	2,384.220	2,547.920	2,414.890	2,881.440	2,577.010	2,804.640	2,449.010	87.020	2,754.363	158.320	0.170	0.05860464
IPI:IPI00220249.4	0.000	0.000	n/a	n/a	1	10.618	11.987	12.618	9.155	11.152	10.944	11.741	1.022	10.417	1.098	-0.173	0.20190051
IPI:IPI00220267.7	236.604	18.499	0.055	0.61550979	9	421.192	415.225	422.144	415.858	414.596	406.435	419.520	3.750	412.296	5.115	-0.025	0.12623600
IPI:IPI00220271.3	713.416	43.238	0.231	0.03862802	15	622.421	667.697	611.756	642.234	594.858	638.781	633.958	29.701	625.291	26.412	-0.020	0.72606265
IPI:IPI00220278.5	1,169.420	100.737	-0.323	0.01854795	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220299.1	0.000	0.000	n/a	n/a	1	47.660	59.374	49.630	74.099	62.318	67.415	52.221	6.272	67.944	5.908	0.380	0.03440992
IPI:IPI00220301.5	1,139.467	54.399	0.037	0.49036021	15	905.300	939.240	911.399	644.824	633.975	642.760	918.646	18.093	640.520	5.761	-0.520	0.00056405
IPI:IPI00220308.1	335.678	6.723	-0.097	0.03054123	10	437.978	425.014	465.842	483.700	497.984	487.632	442.945	20.862	489.772	7.379	0.145	0.04760202
IPI:IPI00220317.3	0.000	0.000	n/a	n/a	1	34.013	30.464	29.493	39.835	37.929	44.804	31.323	2.379	40.856	3.550	0.383	0.02328487
IPI:IPI00220327.4	3,721.870	56.779	-0.084	0.04936612	13	1,213.330	1,233.540	1,225.470	391.233	401.335	417.425	1,224.113	10.173	403.331	13.210	-1.602	0.00000026
IPI:IPI00220342.5	188.249	0.677	-0.037	0.28079812	19	858.702	803.250	888.063	1,056.070	1,211.790	1,078.210	850.005	43.070	1,115.357	84.244	0.392	0.01694207
IPI:IPI00220344.9	0.000	0.000	n/a	n/a	8	684.908	661.181	635.363	1,101.850	985.353	1,051.950	660.484	24.780	1,046.384	58.448	0.664	0.00288454
IPI:IPI00220350.2	315.316	7.453	0.079	0.04348097	3	160.207	155.504	146.626	181.557	174.786	185.673	154.112	6.897	180.672	5.497	0.229	0.00736428
IPI:IPI00220362.5	1,810.363	69.525	-0.129	0.08052026	89	5,888.080	5,914.760	5,899.460	5,432.500	5,453.180	5,420.040	5,900.767	13.388	5,435.240	16.739	-0.119	0.00000483
IPI:IPI00220373.5	771.917	71.956	-0.032	0.74408707	23	1,112.320	1,171.450	1,092.440	1,280.070	1,194.640	1,241.980	1,125.403	41.098	1,238.897	42.798	0.139	0.02976247
IPI:IPI00220402.3	110.558	2.983	-0.242	0.00105039	7	268.852	287.887	261.614	105.187	106.311	109.629	272.784	13.571	107.042	2.310	-1.350	0.00174498
IPI:IPI00220409.3	384.543	14.520	0.089	0.09787149	7	214.612	211.566	197.147	151.031	155.620	147.513	207.775	9.329	151.388	4.065	-0.457	0.00350147
IPI:IPI00220416.3	906.495	21.282	-0.052	0.19105693	18	1,054.930	1,005.340	1,061.990	1,027.850	1,145.550	1,033.420	1,040.753	30.871	1,068.940	66.405	0.039	0.55551042
IPI:IPI00220424.6	0.000	0.000	n/a	n/a	2	80.016	79.325	74.755	95.088	91.298	97.128	78.032	2.859	94.505	2.959	0.276	0.00228095
IPI:IPI00220473.2	621.251	8.875	0.405	0.00026980	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220477.3	0.000	0.000	n/a	n/a	2	79.253	78.495	82.575	98.143	97.894	90.871	80.108	2.170	95.636	4.128	0.256	0.01011973

IPI:IPI00220484.3	HMGN4	High mobility group nucleosome-binding domain-containing protein 4	3	157.523	122.967	140.049	150.618	175.959	153.621	140.180	17.278
IPI:IPI00220486.1	TADA3L	Isoform 1 of Transcriptional adapter 3-like	1	49.053	62.200	51.542	49.978	36.371	49.400	54.265	6.984
IPI:IPI00220487.4	ATP5H	Isoform 1 of ATP synthase subunit d, mitochondrial	19	1,572.300	1,519.820	1,558.880	1,504.290	1,536.070	1,522.300	1,550.333	27.264
IPI:IPI00220503.9	DCTN2	dynactin 2	15	662.961	671.366	696.869	695.102	702.176	700.838	677.065	17.658
IPI:IPI00220527.5	SNX1	Isoform 1A of Sorting nexin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220530.2	SPPL2B	Isoform 3 of Signal peptide peptidase-like 2B	1	18.607	18.730	20.009	52.633	50.742	51.225	19.115	0.776
IPI:IPI00220567.5	MTHFS	5-formyltetrahydrofolate cyclo-ligase	1	39.614	45.909	39.395	49.818	41.931	51.504	41.639	3.699
IPI:IPI00220578.3	GNAI3	Guanine nucleotide-binding protein G(k) subunit alpha	1	42.518	46.469	43.059	47.313	45.641	38.945	44.015	2.142
IPI:IPI00220592.3	ITSN1	Isoform 2 of Intersectin-1	8	504.417	531.471	498.169	577.409	507.550	589.452	511.352	17.701
IPI:IPI00220637.5	SARS	Seryl-tRNA synthetase, cytoplasmic	22	1,217.460	1,220.020	1,206.340	1,329.060	1,306.770	1,279.220	1,214.607	7.273
IPI:IPI00220642.7	YWHAG	14-3-3 protein gamma	27	1,166.400	1,225.960	1,165.840	1,293.440	1,256.320	1,236.370	1,186.067	34.550
IPI:IPI00220648.5	PMVK	Phosphomevalonate kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220683.1	HNRNPD	Isoform 2 of Heterogeneous nuclear ribonucleoprotein D0	19	1,635.160	1,612.620	1,636.580	1,416.250	1,461.440	1,410.470	1,628.120	13.442
IPI:IPI00220709.3	TPM2	Isoform 2 of Tropomyosin beta chain	10	444.252	416.480	466.328	335.992	395.505	356.244	442.353	24.978
IPI:IPI00220710.5	ACOT9	Isoform 1 of Acyl-coenzyme A thioesterase 9, mitochondrial	9	529.063	472.811	512.390	475.837	521.027	458.528	504.755	28.893
IPI:IPI00220739.3	PGRMC1	Membrane-associated progesterone receptor component 1	2	83.589	87.257	96.525	99.994	108.177	85.847	89.124	6.667
IPI:IPI00220740.1	NPM1	Isoform 2 of Nucleophosmin	30	1,651.990	1,752.530	1,623.910	1,591.750	1,549.160	1,638.710	1,676.143	67.626
IPI:IPI00220754.1	ADD3	Isoform 1 of Gamma-adducin	18	863.028	835.942	860.216	762.121	824.668	801.161	853.062	14.893
IPI:IPI00220766.5	GLO1	Lactoylglutathione lyase	6	433.114	379.659	441.095	378.936	448.645	389.013	417.956	33.405
IPI:IPI00220770.2	DCTN6	Dynactin subunit 6	5	270.345	279.610	258.177	320.482	276.140	314.161	269.377	10.749
IPI:IPI00220797.1	ENSA	Isoform 2 of Alpha-endosulfine	5	297.497	295.963	293.981	266.573	275.312	276.366	295.814	1.763
IPI:IPI00220808.1	PFKFB2	Isoform 2 of 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220833.1	UBTF	Isoform UBF2 of Nucleolar transcription factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220834.8	XRCC5	ATP-dependent DNA helicase 2 subunit 2	25	1,635.080	1,734.050	1,607.370	1,572.900	1,415.740	1,555.830	1,658.833	66.597
IPI:IPI00220871.4	RPL37	60S ribosomal protein L37	3	155.362	169.218	159.871	161.851	151.564	160.624	161.484	7.067
IPI:IPI00220906.5	ACOT2	Isoform 1 of Acyl-coenzyme A thioesterase 2, mitochondrial	5	416.352	430.057	424.219	500.589	478.556	496.450	423.543	6.877
IPI:IPI00220916.1	HSPB7	Isoform 2 of Heat shock protein beta-7	1	85.144	72.694	86.550	75.094	99.719	83.005	81.463	7.626
IPI:IPI00220956.2	MTMR1	Isoform 1A of Myotubularin-related protein 1	5	333.418	353.485	332.672	330.176	315.284	316.352	339.858	11.807
IPI:IPI00220967.1	RRBP1	Isoform 1 of Ribosome-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00220993.1	CNP	Isoform CNPI of 2',3'-cyclic-nucleotide 3'-phosphodiesterase	12	851.635	926.078	831.246	993.376	904.014	985.862	869.653	49.918
IPI:IPI00220994.3	H2AFY2	Core histone macro-H2A.2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00221067.1	PTPRA	Isoform 2 of Receptor-type tyrosine-protein phosphatase alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00221088.5	RPS9	40S ribosomal protein S9	7	732.755	738.110	717.889	473.651	510.795	517.363	729.585	10.477
IPI:IPI00221089.5	RPS13	40S ribosomal protein S13	16	1,189.970	1,389.670	1,127.550	1,314.010	1,166.510	1,285.750	1,235.730	136.920
IPI:IPI00221091.9	RPS15A	40S ribosomal protein S15a	6	266.383	271.265	259.152	226.522	244.103	239.594	265.600	6.094
IPI:IPI00221092.8	RPS16	40S ribosomal protein S16	9	837.504	835.807	816.030	813.418	820.332	801.606	829.780	11.938
IPI:IPI00221093.7	RPS17	40S ribosomal protein S17	6	987.785	1,070.800	969.152	858.066	808.735	868.611	1,009.246	54.116
IPI:IPI00221106.5	SF3B2	splicing factor 3B subunit 2	22	1,278.340	1,271.700	1,265.270	1,178.480	1,176.270	1,194.480	1,271.770	6.535
IPI:IPI00221117.3	ACYP1	Acylphosphatase-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00221172.2	UBR7	Putative E3 ubiquitin-protein ligase UBR7	2	162.700	175.741	161.875	135.870	112.898	145.013	166.772	7.778
IPI:IPI00221222.7	SUB1	Activated RNA polymerase II transcriptional coactivator p15	14	987.022	1,026.890	1,005.260	655.846	648.300	650.821	1,006.391	19.958
IPI:IPI00221224.6	ANPEP	Aminopeptidase N	11	739.606	756.144	769.976	858.709	842.987	861.317	755.242	15.205
IPI:IPI00221231.3	NUDT2	Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00221232.9	GNG12	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12	6	302.226	299.649	337.528	175.458	187.403	160.101	313.134	21.165
IPI:IPI00221233.6	BCAP29	B-cell receptor-associated protein 29	9	590.478	560.013	597.102	556.465	558.380	545.201	582.531	19.780
IPI:IPI00221234.7	ALDH7A1	aldehyde dehydrogenase 7 family, member A1	8	438.108	450.734	446.805	489.543	487.795	496.799	445.216	6.461
IPI:IPI00221240.3	LNPEP	Isoform 2 of Leucyl-cystinyl aminopeptidase	5	244.356	258.132	246.239	293.588	283.484	295.390	249.576	7.470
IPI:IPI00221255.1	MYLK	Isoform 2 of Myosin light chain kinase, smooth muscle	19	918.299	924.147	929.233	1,177.150	1,111.470	1,169.110	923.893	5.471
IPI:IPI00221285.5	ANKRD50	ankyrin repeat domain 50	2	57.220	52.077	57.053	46.641	42.611	50.175	55.450	2.922
IPI:IPI00221300.2	EIF2B1	Translation initiation factor eIF-2B subunit alpha	7	544.044	589.947	539.658	574.703	545.822	560.216	557.883	27.855
IPI:IPI00221325.3	RANBP2	E3 SUMO-protein ligase RanBP2	34	1,940.850	1,902.630	1,979.930	1,958.790	2,031.390	2,000.230	1,941.137	38.651
IPI:IPI00221338.8	SEC24A	cDNA FLJ61651, highly similar to Protein transport protein Sec24A	3	171.874	206.081	171.592	224.585	180.696	183.629	183.182	19.831
IPI:IPI00221354.1	FUS	Isoform Short of RNA-binding protein FUS	14	1,026.770	975.078	993.683	767.865	818.057	762.525	998.510	26.182

IPI:IPI00220484.3	160.066	13.845	0.191	0.19826050	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220486.1	45.249	7.695	-0.262	0.20817632	1	5.118	5.031	4.321	5.202	5.376	3.904	4.824	0.437	4.827	0.805	0.001	0.99509638
IPI:IPI00220487.4	1,520.887	15.937	-0.028	0.19891750	49	2,262.670	2,275.650	2,182.280	2,348.970	2,251.690	2,321.530	2,240.200	50.578	2,307.397	50.156	0.043	0.17830536
IPI:IPI00220503.9	699.372	3.758	0.047	0.15556725	28	1,129.740	1,074.400	1,105.780	1,070.130	1,054.270	1,056.290	1,103.307	27.753	1,060.230	8.633	-0.057	0.10426645
IPI:IPI00220527.5	0.000	0.000	n/a	n/a	15	455.474	478.905	468.290	461.477	439.788	447.604	467.556	11.733	449.623	10.985	-0.056	0.12594908
IPI:IPI00220530.2	51.533	0.983	1.431	0.00000261	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220567.5	47.751	5.110	0.198	0.17561965	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220578.3	43.967	4.428	-0.002	0.98765481	5	132.777	120.411	125.520	92.499	97.823	90.822	126.236	6.214	93.715	3.656	-0.430	0.00333143
IPI:IPI00220592.3	558.137	44.222	0.126	0.20048037	7	173.332	178.069	185.300	207.222	197.565	196.712	178.900	6.027	200.500	5.837	0.164	0.01123000
IPI:IPI00220637.5	1,305.017	24.966	0.104	0.01816674	24	998.127	1,045.830	1,034.910	976.959	928.325	987.362	1,026.289	24.993	964.215	31.514	-0.090	0.05871705
IPI:IPI00220642.7	1,262.043	28.962	0.090	0.04491824	22	866.391	942.332	890.829	1,034.610	994.350	1,006.100	899.851	38.766	1,011.687	20.703	0.169	0.02089301
IPI:IPI00220648.5	0.000	0.000	n/a	n/a	5	171.818	177.613	167.827	173.590	180.642	182.088	172.419	4.921	178.773	4.547	0.052	0.17652200
IPI:IPI00220683.1	1,429.387	27.909	-0.188	0.00188867	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220709.3	362.580	30.258	-0.287	0.02587558	1	43.021	43.722	35.893	24.587	21.665	24.948	40.879	4.332	23.733	1.801	-0.784	0.01119716
IPI:IPI00220710.5	485.131	32.269	-0.057	0.47699891	17	848.157	836.477	817.776	606.188	619.209	615.265	834.137	15.325	613.554	6.677	-0.443	0.00033646
IPI:IPI00220739.3	98.006	11.297	0.137	0.32011957	13	267.918	288.822	263.230	253.067	239.265	251.907	273.323	13.625	248.080	7.656	-0.140	0.06439111
IPI:IPI00220740.1	1,593.207	44.793	-0.073	0.16208856	111	4,200.180	4,281.320	3,979.320	3,843.320	3,423.050	3,934.600	4,153.607	156.294	3,733.657	272.838	-0.154	0.09899808
IPI:IPI00220754.1	795.983	31.593	-0.100	0.07058523	15	539.903	559.745	545.512	317.554	322.051	324.162	548.387	10.229	321.256	3.375	-0.771	0.00021714
IPI:IPI00220766.5	405.531	37.676	-0.044	0.69146921	6	251.374	266.825	243.380	339.412	305.814	342.635	253.860	11.919	329.287	20.392	0.375	0.00963521
IPI:IPI00220770.2	303.594	23.985	0.173	0.11683112	1	34.837	34.757	37.320	37.458	44.635	36.167	35.638	1.457	39.420	4.562	0.146	0.28576567
IPI:IPI00220797.1	272.750	5.376	-0.117	0.01133774	4	134.006	141.045	134.182	97.263	97.769	99.659	136.411	4.014	98.230	1.263	-0.474	0.00180936
IPI:IPI00220808.1	0.000	0.000	n/a	n/a	1	52.330	50.987	50.168	49.952	47.508	49.924	51.162	1.092	49.128	1.403	-0.059	0.12315267
IPI:IPI00220833.1	0.000	0.000	n/a	n/a	29	1,107.590	1,037.120	1,125.540	1,254.260	1,390.630	1,244.070	1,090.083	46.737	1,296.320	81.834	0.250	0.02917863
IPI:IPI00220834.8	1,514.823	86.232	-0.131	0.08839040	50	2,034.030	2,012.260	2,037.320	1,775.740	1,801.160	1,780.180	2,027.870	13.618	1,785.693	13.577	-0.183	0.00002676
IPI:IPI00220871.4	158.013	5.619	-0.031	0.54417256	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220906.5	491.865	11.710	0.216	0.00237096	2	74.927	63.461	72.509	36.473	44.302	36.299	70.299	6.044	39.024	4.571	-0.849	0.00265711
IPI:IPI00220916.1	85.939	12.572	0.077	0.63451404	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00220956.2	320.604	8.307	-0.084	0.08955885	5	239.240	239.122	248.474	250.796	256.226	269.199	242.279	5.366	258.740	9.456	0.095	0.07456724
IPI:IPI00220967.1	0.000	0.000	n/a	n/a	1	113.350	110.398	117.074	84.343	81.004	80.967	113.607	3.345	82.105	1.939	-0.469	0.00054457
IPI:IPI00220993.1	961.084	49.567	0.144	0.08754097	17	865.392	929.009	856.735	931.242	871.698	942.764	883.712	39.466	915.235	38.141	0.051	0.37653917
IPI:IPI00220994.3	0.000	0.000	n/a	n/a	2	38.221	32.823	35.955	80.969	63.948	76.610	35.666	2.710	73.842	8.841	1.050	0.01174877
IPI:IPI00221067.1	0.000	0.000	n/a	n/a	3	120.132	101.652	109.347	164.532	199.800	172.008	110.377	9.283	178.780	18.584	0.696	0.01130391
IPI:IPI00221088.5	500.603	23.571	-0.543	0.00093303	6	206.586	175.551	207.254	205.071	231.020	212.354	196.464	18.114	216.148	13.384	0.138	0.21093661
IPI:IPI00221089.5	1,255.423	78.287	0.023	0.84327999	6	751.195	687.334	791.547	257.668	298.582	284.509	743.359	52.547	280.253	20.786	-1.407	0.00152547
IPI:IPI00221091.9	236.740	9.131	-0.166	0.01433909	2	140.191	98.968	131.026	68.192	68.438	80.170	123.395	21.645	72.267	6.845	-0.772	0.04475271
IPI:IPI00221092.8	811.785	9.469	-0.032	0.11392303	7	499.853	527.867	520.029	183.438	202.363	203.731	515.916	14.453	196.511	11.342	-1.393	0.00001201
IPI:IPI00221093.7	845.137	31.963	-0.256	0.01712604	19	925.663	919.101	948.943	1,266.190	1,279.300	1,256.950	931.236	15.682	1,267.480	11.231	0.445	0.00001744
IPI:IPI00221106.5	1,183.077	9.937	-0.104	0.00047869	51	2,552.040	2,529.090	2,534.180	2,738.090	2,793.880	2,721.500	2,538.437	12.053	2,751.157	37.918	0.116	0.00621007
IPI:IPI00221117.3	0.000	0.000	n/a	n/a	1	73.771	84.644	71.753	131.904	100.683	126.156	76.723	6.934	119.581	16.617	0.640	0.03217713
IPI:IPI00221172.2	131.260	16.546	-0.345	0.04737891	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00221222.7	651.656	3.842	-0.627	0.00074095	16	991.596	926.188	992.833	734.012	768.296	730.173	970.206	38.125	744.160	20.990	-0.383	0.00251153
IPI:IPI00221224.6	854.338	9.916	0.178	0.00140009	25	1,126.520	1,067.130	1,123.620	1,075.480	1,111.500	1,077.670	1,105.757	33.483	1,088.217	20.194	-0.023	0.49017735
IPI:IPI00221231.3	0.000	0.000	n/a	n/a	1	30.782	27.222	32.878	38.643	34.388	38.770	30.294	2.860	37.267	2.494	0.299	0.03433241
IPI:IPI00221232.9	174.321	13.686	-0.845	0.00138818	1	56.022	46.442	60.423	26.602	29.879	28.404	54.296	7.149	28.295	1.641	-0.940	0.01997905
IPI:IPI00221233.6	553.349	7.121	-0.074	0.11244344	15	706.788	733.028	710.305	805.763	748.012	787.249	716.707	14.243	780.341	29.489	0.123	0.04636255
IPI:IPI00221234.7	491.379	4.775	0.142	0.00086084	12	523.484	568.823	555.084	424.916	413.014	427.143	549.130	23.248	421.691	7.597	-0.381	0.00638578
IPI:IPI00221240.3	290.821	6.417	0.221	0.00210731	1	59.956	49.598	59.258	18.721	21.066	17.894	56.271	5.790	19.227	1.645	-1.549	0.00507696
IPI:IPI00221255.1	1,152.577	35.826	0.319	0.00709076	1	48.410	56.885	51.825	34.996	34.110	34.784	52.373	4.264	34.630	0.463	-0.597	0.01777587
IPI:IPI00221285.5	46.475	3.785	-0.255	0.03435930	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00221300.2	560.247	14.441	0.006	0.90487175	2	68.381	89.021	63.513	75.740	49.276	74.602	73.638	13.542	66.540	14.961	-0.146	0.57587306
IPI:IPI00221325.3	1,996.803	36.421	0.041	0.14391325	118	5,236.170	5,260.220	5,199.700	5,733.680	5,749.130	5,752.360	5,232.030	30.472	5,745.057	9.984	0.135	0.00042988
IPI:IPI00221338.8	196.303	24.537	0.100	0.51303769	1	93.573	98.806	80.802	74.786	72.604	88.392	91.060	9.261	78.594	8.555	-0.212	0.16242439
IPI:IPI00221354.1	782.816	30.636	-0.351	0.00084637	14	562.478	539.694	548.388	585.123	583.987	586.650	550.187	11.498	585.253	1.336	0.089	0.03259696

IPI:IPI00221372.3	AGPAT2	Isoform 2 of 1-acyl-sn-glycerol-3-phosphate acyltransferase beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00221394.8	DKC1	H/ACA ribonucleoprotein complex subunit 4	13	704.600	707.658	705.242	790.737	726.245	767.358	705.833	1.612
IPI:IPI00232533.5	EIF1AX;EIF	Eukaryotic translation initiation factor 1A, X-chromosomal	6	269.569	280.377	261.314	261.124	265.883	261.155	270.420	9.560
IPI:IPI00234252.3	SMARCC1	SWI/SNF complex subunit SMARCC1	9	346.922	344.375	348.380	251.400	266.184	266.732	346.559	2.027
IPI:IPI00234368.1	ADK	Isoform Short of Adenosine kinase	7	505.263	471.059	507.207	539.765	554.976	534.817	494.510	20.332
IPI:IPI00235003.1	FAS	Tumor necrosis factor receptor superfamily, member 6 isoform 1 variant (Fragment)	6	225.916	198.182	221.527	260.686	278.949	256.187	215.208	14.908
IPI:IPI00237446.7	ATP11C	Isoform 2 of Probable phospholipid-transporting ATPase IG	8	626.810	819.334	622.230	900.587	658.591	868.530	689.458	112.499
IPI:IPI00237671.9	NEFL	Neurofilament light polypeptide	12	1,055.520	898.454	1,019.050	1,257.750	1,498.780	1,315.550	991.008	82.202
IPI:IPI00237706.4	MADD	Isoform 5 of MAP kinase-activating death domain protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00238209.3	NUDCD3	NudC domain-containing protein 3	2	132.951	150.997	134.917	161.057	126.671	150.081	139.622	9.900
IPI:IPI00238262.4	AMIGO2	Amphoterin-induced protein 2	3	111.454	118.219	110.442	321.133	291.848	329.414	113.372	4.228
IPI:IPI00238469.6	CEP97	Isoform 2 of Centrosomal protein of 97 kDa	3	94.581	83.374	88.882	80.591	94.612	83.665	88.946	5.604
IPI:IPI00238482.7	C9orf25	Isoform 5 of Uncharacterized protein C9orf25	1	22.547	29.384	19.335	32.614	21.937	31.132	23.755	5.132
IPI:IPI00239077.5	HINT1	Histidine triad nucleotide-binding protein 1	13	754.807	785.518	872.518	810.573	743.364	715.214	804.281	61.057
IPI:IPI00239405.4	SYNE2	Isoform 1 of Nesprin-2	2	25.778	26.103	23.732	24.353	28.026	24.145	25.204	1.285
IPI:IPI00239815.9	CIRH1A	Isoform 1 of Cirhin	2	162.676	212.869	174.329	220.314	179.697	221.329	183.291	26.269
IPI:IPI00240675.2	PDCD4	programmed cell death 4 isoform 2	1	15.107	17.482	17.524	17.442	17.716	10.575	16.704	1.383
IPI:IPI00240793.1	ATP11B	Probable phospholipid-transporting ATPase IF	1	17.507	19.539	13.227	23.896	26.957	24.205	16.758	3.222
IPI:IPI00240812.6	PDS5B	Isoform 1 of Sister chromatid cohesion protein PDS5 homolog B	8	510.628	463.596	515.328	460.568	499.712	490.740	496.517	28.607
IPI:IPI00241860.4	MIPEP	Mitochondrial intermediate peptidase	2	61.944	57.351	61.403	67.115	85.174	73.728	60.233	2.510
IPI:IPI00242630.3	HEATR2	Isoform 1 of HEAT repeat-containing protein 2	1	97.078	92.730	98.122	98.930	95.076	99.631	95.977	2.859
IPI:IPI00243221.2	NRD1	nardilysin isoform a	9	591.821	544.035	589.933	532.244	601.344	565.145	575.263	27.061
IPI:IPI00244111.9	INPP5B	Isoform 3 of Type II inositol-1,4,5-trisphosphate 5-phosphatase	1	13.902	11.935	12.883	14.765	9.641	12.250	12.907	0.984
IPI:IPI00245135.1	RNASEH2B	RNASEH2B protein	1	111.793	130.443	129.611	116.975	112.093	121.688	123.949	10.536
IPI:IPI00245706.1	HDAC8	Isoform 2 of Histone deacetylase 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00246058.9	PDCD6IP	PDCD6IP protein	42	3,239.910	3,411.850	3,254.430	3,206.460	3,017.640	3,164.220	3,302.063	95.355
IPI:IPI00246975.8	GSTM3	Glutathione S-transferase Mu 3	5	387.932	387.198	398.206	475.713	521.512	492.718	391.112	6.155
IPI:IPI00247063.3	MME	Neprilysin	3	180.361	153.910	183.216	211.163	236.950	220.270	172.496	16.159
IPI:IPI00247295.3	SYNE1	Isoform 4 of Nesprin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00247439.3	SLK	Isoform 2 of STE20-like serine/threonine-protein kinase	30	2,057.460	1,976.630	1,992.670	2,095.380	2,173.490	2,172.920	2,008.920	42.795
IPI:IPI00247583.5	RPL21P19;R	60S ribosomal protein L21	7	542.342	503.103	504.396	508.681	511.188	512.236	516.614	22.291
IPI:IPI00247871.2	TCERG1	Isoform 1 of Transcription elongation regulator 1	5	288.523	258.091	288.383	277.753	288.104	276.324	278.332	17.530
IPI:IPI00248596.9	ELFN1	extracellular leucine-rich repeat and fibronectin type III domain containing 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00249304.3	PRIC285	Isoform 1 of Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00250297.3	AASDHPPT	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	2	93.220	99.952	100.570	110.695	95.767	100.163	97.914	4.077
IPI:IPI00251559.8	RNF20	E3 ubiquitin-protein ligase BRE1A	2	123.954	118.848	125.423	102.195	90.311	99.650	122.742	3.451
IPI:IPI00251989.2	POLR1E	Isoform 1 of DNA-directed RNA polymerase I subunit RPA49	2	147.676	128.715	142.168	115.818	136.619	118.330	139.520	9.754
IPI:IPI00254162.2	PTBP2	cDNA FLJ55936, highly similar to Polypyrimidine tract-binding protein 2	1	56.112	51.864	57.060	49.379	60.170	54.096	55.012	2.767
IPI:IPI00254408.6	BPTF	Isoform 2 of Nucleosome-remodeling factor subunit BPTF	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00255052.5	NDUFB9	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9	4	228.790	242.547	246.684	237.796	204.881	230.359	239.340	9.368
IPI:IPI00256684.1	AP2A1	Isoform B of AP-2 complex subunit alpha-1	15	1,432.740	1,432.610	1,402.890	1,469.020	1,466.610	1,479.910	1,422.747	17.197
IPI:IPI00256861.4	MACF1	Isoform 2 of Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	10	684.375	681.366	713.366	690.688	685.900	707.334	693.036	17.671
IPI:IPI00257059.2	TMEM173	Transmembrane protein 173	1	100.085	83.901	87.603	85.615	109.392	93.373	90.529	8.480
IPI:IPI00257508.4	DPYSL2	Dihydropyrimidinase-related protein 2	29	1,798.500	1,791.400	1,829.840	1,633.170	1,665.180	1,488.740	1,806.580	20.454
IPI:IPI00257882.7	PEPD	Xaa-Pro dipeptidase	1	57.205	52.737	53.068	63.907	69.301	73.992	54.337	2.489
IPI:IPI00260090.3	ELMO2	cDNA FLJ60834, highly similar to Engulfment and cell motility protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00260630.7	CCDC80	Isoform 1 of Coiled-coil domain-containing protein 80	4	128.372	118.303	124.756	145.240	130.662	146.716	123.810	5.101
IPI:IPI00288894.1	ADAM17	Isoform A of Disintegrin and metalloproteinase domain-containing protein 17	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00288941.1	NCOA5	Nuclear receptor coactivator 5	1	14.178	15.303	16.606	15.401	12.876	12.123	15.362	1.215

IPI:IPI00221372.3	0.000	0.000	n/a	n/a	1	15.939	19.256	16.733	29.697	26.294	26.420	17.309	1.732	27.470	1.929	0.666	0.00256345
IPI:IPI00221394.8	761.447	32.650	0.109	0.09797520	21	773.396	766.140	787.652	734.320	756.581	716.498	775.729	10.944	735.800	20.082	-0.076	0.05448999
IPI:IPI00232533.5	262.721	2.739	-0.042	0.29631845	10	592.498	566.581	591.026	638.884	700.682	634.064	583.368	14.557	657.877	37.149	0.173	0.05873287
IPI:IPI00234252.3	261.439	8.698	-0.407	0.00231441	13	293.172	269.466	297.842	314.865	340.207	322.299	286.827	15.215	325.790	13.027	0.184	0.02909003
IPI:IPI00234368.1	543.186	10.506	0.135	0.03472536	8	345.020	395.586	331.686	439.072	371.066	418.757	357.431	33.709	409.632	34.909	0.197	0.13651558
IPI:IPI00235003.1	265.274	12.055	0.302	0.01178066	3	79.245	80.036	78.563	67.749	73.494	65.823	79.281	0.737	69.022	3.991	-0.200	0.04299048
IPI:IPI00237446.7	809.236	131.443	0.231	0.29830823	3	100.992	114.211	109.436	100.254	84.764	102.761	108.213	6.694	95.926	9.748	-0.174	0.15637865
IPI:IPI00237671.9	1,357.360	125.837	0.454	0.01839402	4	555.479	481.849	590.872	12.295	36.989	34.058	542.733	55.618	27.781	13.491	-4.288	0.00252851
IPI:IPI00237706.4	0.000	0.000	n/a	n/a	2	89.548	77.550	85.557	120.835	132.458	119.649	84.218	6.110	124.314	7.078	0.562	0.00190917
IPI:IPI00238209.3	145.936	17.564	0.064	0.62350951	3	82.932	83.023	78.858	106.999	107.021	102.409	81.604	2.379	105.476	2.656	0.370	0.00033954
IPI:IPI00238262.4	314.132	19.737	1.470	0.00225885	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00238469.6	86.289	7.370	-0.044	0.64724339	2	6.806	9.115	10.554	12.201	10.248	11.659	8.825	1.891	11.369	1.009	0.366	0.13064444
IPI:IPI00238482.7	28.561	5.784	0.266	0.34323886	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00239077.5	756.384	48.995	-0.089	0.35196940	31	1,194.390	1,174.520	1,223.790	1,203.910	1,352.950	1,229.310	1,197.567	24.788	1,262.057	79.734	0.076	0.29455590
IPI:IPI00239405.4	25.508	2.183	0.017	0.84823128	29	1,160.420	1,151.640	1,167.830	1,169.740	1,184.240	1,165.280	1,159.963	8.105	1,173.087	9.913	0.016	0.15341084
IPI:IPI00239815.9	207.113	23.749	0.176	0.30970466	2	96.060	79.562	91.033	87.305	112.667	96.448	88.885	8.456	98.807	12.844	0.153	0.33532393
IPI:IPI00240675.2	15.244	4.046	-0.132	0.60544732	1	61.159	56.539	62.784	24.102	34.749	28.737	60.161	3.240	29.196	5.338	-1.043	0.00229464
IPI:IPI00240793.1	25.019	1.685	0.578	0.02900938	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00240812.6	483.673	20.506	-0.038	0.56533123	10	388.292	444.216	376.869	413.257	338.159	396.981	403.126	36.041	382.799	39.507	-0.075	0.54808456
IPI:IPI00241860.4	75.339	9.137	0.323	0.09434506	1	32.680	34.849	34.983	39.377	37.848	37.203	34.171	1.293	38.143	1.117	0.159	0.01644297
IPI:IPI00242630.3	97.879	2.453	0.028	0.43281024	2	76.012	81.737	77.067	66.678	50.702	65.531	78.272	3.047	60.970	8.911	-0.360	0.06554304
IPI:IPI00243221.2	566.244	34.563	-0.023	0.74092777	7	336.732	352.971	337.624	383.150	316.468	355.261	342.442	9.129	351.626	33.489	0.038	0.68844139
IPI:IPI00244111.9	12.219	2.562	-0.079	0.69864763	1	5.030	5.441	5.200	6.496	9.596	7.791	5.224	0.207	7.961	1.557	0.608	0.09068557
IPI:IPI00245135.1	116.919	4.798	-0.084	0.37547753	2	138.595	164.095	129.452	220.242	170.882	207.919	144.047	17.954	199.681	25.690	0.471	0.04309998
IPI:IPI00245706.1	0.000	0.000	n/a	n/a	1	25.585	23.565	26.401	34.049	35.488	36.322	25.184	1.460	35.286	1.150	0.487	0.00091323
IPI:IPI00246058.9	3,129.440	99.098	-0.077	0.09555822	41	2,011.190	1,952.530	1,942.510	2,491.900	2,565.240	2,507.180	1,968.743	37.100	2,521.440	38.694	0.357	0.00005871
IPI:IPI00246975.8	496.648	23.151	0.345	0.01143306	4	367.877	343.981	357.878	291.297	308.061	298.801	356.579	12.001	299.386	8.397	-0.252	0.00368766
IPI:IPI00247063.3	222.794	13.078	0.369	0.01519180	6	440.905	406.168	459.728	5.223	18.547	17.764	435.600	27.171	13.845	7.477	-4.976	0.00068959
IPI:IPI00247295.3	0.000	0.000	n/a	n/a	2	127.288	111.269	139.880	3.661	6.349	6.701	126.146	14.340	5.570	1.663	-4.501	0.00425967
IPI:IPI00247439.3	2,147.263	44.933	0.096	0.01825256	42	1,708.250	1,711.670	1,670.740	2,180.100	2,188.710	2,221.450	1,696.887	22.708	2,196.753	21.817	0.372	0.00001098
IPI:IPI00247583.5	510.702	1.827	-0.017	0.69166160	19	934.090	946.383	940.330	1,225.390	1,142.260	1,162.620	940.268	6.147	1,176.757	43.331	0.324	0.00988417
IPI:IPI00247871.2	280.727	6.428	0.012	0.84146097	21	567.059	649.391	581.656	687.650	568.639	657.693	599.369	43.931	637.994	61.903	0.090	0.43342870
IPI:IPI00248596.9	0.000	0.000	n/a	n/a	4	154.875	159.411	159.830	186.123	187.771	188.301	158.039	2.748	187.398	1.136	0.246	0.00084602
IPI:IPI00249304.3	0.000	0.000	n/a	n/a	1	19.363	24.040	21.996	32.233	27.735	35.180	21.800	2.345	31.716	3.749	0.541	0.02468445
IPI:IPI00250297.3	102.208	7.672	0.062	0.45471256	2	43.344	45.985	44.690	37.073	39.790	37.062	44.673	1.321	37.975	1.572	-0.234	0.00527757
IPI:IPI00251559.8	97.385	6.257	-0.334	0.00778153	18	1,038.000	989.809	1,072.090	1,204.350	1,274.760	1,188.650	1,033.300	41.341	1,222.587	45.860	0.243	0.00626018
IPI:IPI00251989.2	123.589	11.354	-0.175	0.14104210	2	102.410	89.192	94.678	133.802	138.280	130.763	95.427	6.641	134.282	3.781	0.493	0.00247418
IPI:IPI00254162.2	54.548	5.410	-0.012	0.90338447	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00254408.6	0.000	0.000	n/a	n/a	9	403.112	361.714	370.879	416.326	420.242	435.458	378.568	21.744	424.009	10.107	0.164	0.05088693
IPI:IPI00255052.5	224.345	17.262	-0.093	0.27560603	6	264.134	283.783	279.344	255.676	287.191	273.389	275.754	10.305	272.085	15.798	-0.019	0.75604043
IPI:IPI00256684.1	1,471.847	7.086	0.049	0.02537847	9	767.443	732.057	769.954	529.570	554.659	515.874	756.485	21.192	533.368	19.669	-0.504	0.00018744
IPI:IPI00256861.4	694.641	11.250	0.003	0.90203944	119	4,652.150	4,759.520	4,696.410	5,138.480	5,143.760	5,142.690	4,702.693	53.960	5,141.643	2.791	0.129	0.00492804
IPI:IPI00257059.2	96.127	12.125	0.087	0.55276814	3	81.997	76.284	76.986	66.591	73.879	71.393	78.423	3.116	70.621	3.705	-0.151	0.05090443
IPI:IPI00257508.4	1,595.697	94.000	-0.179	0.05461845	19	955.581	891.310	973.699	655.726	729.033	666.692	940.197	43.295	683.817	39.540	-0.459	0.00168411
IPI:IPI00257882.7	69.067	5.047	0.346	0.02135998	1	51.196	48.936	50.948	76.763	78.632	78.178	50.360	1.239	77.858	0.975	0.629	0.00001180
IPI:IPI00260090.3	0.000	0.000	n/a	n/a	8	393.278	384.883	403.826	290.249	302.143	294.579	393.996	9.492	295.657	6.020	-0.414	0.00031764
IPI:IPI00260630.7	140.873	8.873	0.186	0.05879325	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00288894.1	0.000	0.000	n/a	n/a	7	313.366	298.076	329.961	361.262	393.790	354.979	313.801	15.947	370.010	20.832	0.238	0.02324318
IPI:IPI00288941.1	13.466	1.717	-0.190	0.20144298	2	15.644	18.661	14.335	21.599	16.659	21.281	16.213	2.218	19.846	2.765	0.292	0.15397941

IPI:IPI00288947.3	GNAQ	Guanine nucleotide binding protein (G protein), q polypeptide, isoform CRA_c	4	270.804	282.271	268.446	302.769	298.847	334.832	273.840	7.396
IPI:IPI00289031.5	FAM160B1	Isoform 1 of UPF0518 protein FAM160B1	9	404.253	388.393	397.009	451.729	485.003	481.894	396.552	7.940
IPI:IPI00289058.3	LYNX1	Ly-6/neurotoxin-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289061.7	FASTKD1	Isoform 2 of FAST kinase domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289082.2	PTPN12	Tyrosine-protein phosphatase non-receptor type 12	9	280.191	280.693	289.009	273.843	278.784	286.254	283.298	4.953
IPI:IPI00289083.5	CACHD1	Isoform 1 of VWFA and cache domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289113.4	LRSAM1	Isoform 2 of E3 ubiquitin-protein ligase LRSAM1	1	43.086	39.027	41.521	43.733	50.494	48.027	41.211	2.047
IPI:IPI00289159.3	GLS	Isoform KGA of Glutaminase kidney isoform, mitochondrial	24	1,779.300	1,665.660	1,707.110	1,634.730	1,720.890	1,677.490	1,717.357	57.509
IPI:IPI00289207.5	TRIM8	Tripartite motif-containing protein 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289258.5	MYO10	Myosin-X	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289329.2	EPHB3	Ephrin type-B receptor 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289334.1	FLNB	Isoform 1 of Filamin-B	173	12,230.500	12,529.100	12,506.600	11,214.300	11,277.100	11,007.900	12,422.067	166.283
IPI:IPI00289344.4	NCOR1	Isoform 1 of Nuclear receptor corepressor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289491.3	CASC3	Protein CASC3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289499.3	ATIC	Bifunctional purine biosynthesis protein PURH	20	1,031.840	1,140.570	1,021.550	1,149.800	976.847	1,110.010	1,064.653	65.947
IPI:IPI00289501.2	VGF	Neurosecretory protein VGF	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289535.6	PMPCB	cDNA FLJ78497	1	64.126	69.094	74.385	75.493	74.352	76.393	69.202	5.131
IPI:IPI00289547.4	JUND	Transcription factor jun-D	1	68.915	48.364	53.737	63.536	52.125	61.934	57.005	10.658
IPI:IPI00289601.1	HDAC2	histone deacetylase 2	3	128.035	124.822	141.214	120.753	130.755	119.387	131.357	8.686
IPI:IPI00289608.4	AP3D1	Isoform 2 of AP-3 complex subunit delta-1	20	1,206.320	1,108.640	1,161.310	1,238.910	1,303.250	1,269.790	1,158.757	48.890
IPI:IPI00289746.2	PAK1	Isoform 2 of Serine/threonine-protein kinase PAK 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289758.6	CAPN2	Calpain-2 catalytic subunit	31	1,058.260	1,039.690	1,056.650	1,089.920	1,152.110	1,088.600	1,051.533	10.288
IPI:IPI00289776.3	MYCBP2	MYC binding protein 2	1	78.010	81.866	77.739	91.713	84.962	98.205	79.205	2.308
IPI:IPI00289807.3	TRNT1	Isoform 1 of tRNA-nucleotidyltransferase 1, mitochondrial	3	196.883	213.442	209.964	215.184	219.957	225.055	206.763	8.731
IPI:IPI00289815.2	WDR7	Isoform 2 of WD repeat-containing protein 7	1	23.202	22.677	29.267	26.307	29.546	30.639	25.049	3.662
IPI:IPI00289819.4	IGF2R	Cation-independent mannose-6-phosphate receptor	35	1,455.180	1,408.980	1,502.920	2,645.380	2,729.570	2,616.380	1,455.693	46.972
IPI:IPI00289861.4	ZCCHC11	Isoform 1 of Zinc finger CCHC domain-containing protein 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00289862.5	SCRN1	Secernin-1	13	1,163.410	1,046.570	1,118.690	1,097.610	1,204.030	1,149.590	1,109.557	58.953
IPI:IPI00289876.6	STX7	Isoform 1 of Syntaxin-7	3	151.651	133.762	143.946	166.684	195.069	184.756	143.120	8.973
IPI:IPI00289907.7	FYTTD1	Forty-two-three domain-containing protein 1	3	127.025	133.847	125.667	140.488	124.929	141.205	128.846	4.384
IPI:IPI00289986.4	ATM	ataxia telangiectasia mutated isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290033.3	PHF12	Isoform 2 of PHD finger protein 12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290039.6	CDCP1	Isoform 1 of CUB domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290071.3	WDR42A	cDNA FLJ55296, highly similar to Homo sapiens WD repeat domain 42A (WDR42A), mRNA	4	128.411	131.037	131.550	149.122	134.053	151.924	130.333	1.684
IPI:IPI00290077.2	KRT15	Keratin, type I cytoskeletal 15	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290085.2	CDH2	Cadherin-2	10	773.052	738.196	780.764	849.164	828.491	874.104	764.004	22.681
IPI:IPI00290094.4	SFRS8	Splicing factor, arginine/serine-rich 8	1	37.058	48.162	37.361	39.819	26.944	39.262	40.860	6.325
IPI:IPI00290142.5	CTPS	CTP synthase 1	20	983.974	1,044.330	1,024.140	1,196.510	1,129.240	1,072.380	1,017.481	30.724
IPI:IPI00290158.6	MARK2	Isoform 7 of Serine/threonine-protein kinase MARK2	3	198.932	192.666	203.517	180.604	186.685	172.959	198.372	5.447
IPI:IPI00290192.1	RNASEH2A	Ribonuclease H2 subunit A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290198.3	IL18	Interleukin-18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290272.2	POLA2	DNA polymerase alpha subunit B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290305.3	TP53RK	TP53-regulating kinase	2	41.104	44.109	42.380	52.447	46.008	53.222	42.531	1.508
IPI:IPI00290328.3	PTPRJ	Receptor-type tyrosine-protein phosphatase eta precursor	8	597.898	610.104	623.422	678.841	635.695	671.220	610.475	12.766
IPI:IPI00290332.2	ARHGAP10	Rho GTPase-activating protein 10	2	91.862	88.768	90.185	97.088	107.525	101.629	90.272	1.549
IPI:IPI00290337.8	EPS8	Epidermal growth factor receptor kinase substrate 8	7	470.715	492.131	464.435	460.439	413.299	462.812	475.760	14.521
IPI:IPI00290409.3	BNIP3	BCL2/adenovirus E1B 19 kDa protein-interacting protein 3	2	38.916	35.271	41.428	79.995	88.174	79.749	38.538	3.096
IPI:IPI00290410.3	DNTTIP2	Deoxynucleotidyltransferase terminal-interacting protein 2	6	553.442	533.126	571.055	534.770	545.890	547.448	552.541	18.981
IPI:IPI00290416.3	OLA1	Isoform 1 of Obg-like ATPase 1	13	1,025.430	1,061.150	986.888	1,077.050	1,014.730	1,109.700	1,024.489	37.140
IPI:IPI00290429.7	CBLL1	E3 ubiquitin-protein ligase Hakai	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290435.3	KIF2C	Isoform 1 of Kinesin-like protein KIF2C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00288947.3	312.149	19.741	0.189	0.06418302	5	166.493	154.630	167.086	137.976	147.381	140.841	162.736	7.027	142.066	4.821	-0.196	0.01764407
IPI:IPI00289031.5	472.875	18.379	0.254	0.00952345	1	53.602	67.031	53.721	76.871	57.619	68.495	58.118	7.719	67.662	9.653	0.219	0.25543371
IPI:IPI00289058.3	0.000	0.000	n/a	n/a	1	88.506	100.557	88.427	75.885	66.408	75.754	92.497	6.981	72.682	5.434	-0.348	0.01993280
IPI:IPI00289061.7	0.000	0.000	n/a	n/a	1	24.037	27.387	28.243	26.508	36.206	26.323	26.556	2.223	29.679	5.653	0.160	0.44811815
IPI:IPI00289082.2	279.627	6.248	-0.019	0.47276968	13	460.506	463.935	465.789	524.270	537.588	518.695	463.410	2.680	526.851	9.707	0.185	0.00495863
IPI:IPI00289083.5	0.000	0.000	n/a	n/a	2	59.128	56.609	63.252	62.749	65.896	59.326	59.663	3.354	62.657	3.286	0.071	0.33178036
IPI:IPI00289113.4	47.418	3.421	0.202	0.06746857	2	49.118	60.912	52.683	55.871	46.232	54.621	54.238	6.049	52.241	5.241	-0.054	0.68861015
IPI:IPI00289159.3	1,677.703	43.080	-0.034	0.39725169	2	35.282	30.051	32.509	26.570	35.553	28.932	32.614	2.617	30.352	4.657	-0.104	0.51471490
IPI:IPI00289207.5	0.000	0.000	n/a	n/a	3	38.034	36.112	39.097	39.244	39.531	40.313	37.748	1.513	39.696	0.553	0.073	0.14513906
IPI:IPI00289258.5	0.000	0.000	n/a	n/a	1	36.671	33.696	32.508	52.549	72.268	57.293	34.292	2.145	60.703	10.292	0.824	0.04210355
IPI:IPI00289329.2	0.000	0.000	n/a	n/a	2	12.168	11.862	14.438	17.595	12.701	14.983	12.823	1.407	15.093	2.449	0.235	0.25357710
IPI:IPI00289334.1	11,166.433	140.839	-0.154	0.00066318	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00289344.4	0.000	0.000	n/a	n/a	8	285.283	278.504	277.749	350.736	314.232	336.930	280.512	4.149	333.966	18.432	0.252	0.03221342
IPI:IPI00289491.3	0.000	0.000	n/a	n/a	1	12.504	11.663	13.688	8.222	6.809	7.616	12.619	1.017	7.549	0.709	-0.741	0.00319153
IPI:IPI00289499.3	1,078.886	90.580	0.019	0.83768886	41	1,646.210	1,759.420	1,607.020	1,844.080	1,730.000	1,803.650	1,670.883	79.139	1,792.577	57.841	0.101	0.10426941
IPI:IPI00289501.2	0.000	0.000	n/a	n/a	1	17.808	24.293	17.542	134.152	74.153	118.172	19.881	3.823	108.826	31.072	2.453	0.03666425
IPI:IPI00289535.6	75.413	1.023	0.124	0.16664312	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00289547.4	59.198	6.178	0.054	0.77797650	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00289601.1	123.632	6.207	-0.087	0.28492202	20	836.256	841.023	847.413	860.855	831.090	839.206	841.564	5.598	843.717	15.387	0.004	0.83756171
IPI:IPI00289608.4	1,270.650	32.179	0.133	0.03679292	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00289746.2	0.000	0.000	n/a	n/a	3	122.522	119.891	128.168	166.189	158.397	155.327	123.527	4.229	159.971	5.599	0.373	0.00117513
IPI:IPI00289758.6	1,110.210	36.292	0.078	0.09789172	22	1,116.210	1,153.630	1,139.060	640.148	653.297	652.112	1,136.300	18.862	648.519	7.274	-0.809	0.00010013
IPI:IPI00289776.3	91.626	6.622	0.210	0.07007063	1	19.298	25.035	19.299	27.432	22.404	23.268	21.210	3.312	24.368	2.688	0.200	0.27435656
IPI:IPI00289807.3	220.065	4.936	0.090	0.10092299	2	48.354	39.586	48.061	44.721	50.885	44.630	45.334	4.980	46.745	3.586	0.044	0.71362844
IPI:IPI00289815.2	28.831	2.253	0.203	0.21753271	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00289819.4	2,663.777	58.795	0.872	0.00001516	89	2,652.690	2,639.970	2,643.460	3,945.750	4,079.510	3,975.660	2,645.373	6.572	4,000.307	70.203	0.597	0.00081899
IPI:IPI00289861.4	0.000	0.000	n/a	n/a	4	134.252	129.197	134.848	138.171	150.751	134.000	132.766	3.105	140.974	8.720	0.087	0.24008604
IPI:IPI00289862.5	1,150.410	53.215	0.052	0.42399707	12	819.996	758.286	736.177	751.589	721.910	753.389	771.486	43.441	742.296	17.678	-0.056	0.36956046
IPI:IPI00289876.6	182.170	14.368	0.348	0.02291690	9	230.017	231.657	230.196	247.904	259.374	245.381	230.623	0.900	250.886	7.458	0.121	0.04062537
IPI:IPI00289907.7	135.541	9.197	0.073	0.34146639	1	31.692	41.534	31.347	53.800	34.326	49.257	34.858	5.785	45.794	10.188	0.394	0.20017172
IPI:IPI00289986.4	0.000	0.000	n/a	n/a	1	49.159	53.236	50.446	42.273	39.404	42.555	50.947	2.084	41.411	1.743	-0.299	0.00408868
IPI:IPI00290033.3	0.000	0.000	n/a	n/a	1	20.313	25.084	17.690	26.417	21.772	27.070	21.029	3.748	25.086	2.889	0.255	0.21644256
IPI:IPI00290039.6	0.000	0.000	n/a	n/a	6	188.451	198.841	198.996	240.871	260.832	246.931	195.429	6.044	249.545	10.234	0.353	0.00319769
IPI:IPI00290071.3	145.033	9.612	0.154	0.11387984	2	28.518	32.499	31.811	50.877	42.049	43.473	30.943	2.128	45.467	4.740	0.555	0.02007970
IPI:IPI00290077.2	0.000	0.000	n/a	n/a	2	43.970	44.952	46.478	66.052	68.405	66.152	45.133	1.264	66.870	1.330	0.567	0.00003432
IPI:IPI00290085.2	850.586	22.840	0.155	0.00962428	5	507.689	553.276	516.208	345.631	322.311	357.611	525.724	24.238	341.851	17.951	-0.621	0.00069149
IPI:IPI00290094.4	35.342	7.278	-0.209	0.37872639	6	213.019	199.313	215.784	254.647	262.573	256.919	209.372	8.820	258.046	4.081	0.302	0.00408796
IPI:IPI00290142.5	1,132.710	62.138	0.155	0.06584160	23	941.307	945.961	950.465	689.109	680.447	680.828	945.911	4.579	683.461	4.895	-0.469	0.00000035
IPI:IPI00290158.6	180.083	6.878	-0.140	0.02464350	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00290192.1	0.000	0.000	n/a	n/a	3	151.742	141.195	163.793	209.490	237.997	207.282	152.243	11.307	218.256	17.132	0.520	0.00771487
IPI:IPI00290198.3	0.000	0.000	n/a	n/a	5	140.188	140.247	134.111	156.396	164.491	165.924	138.182	3.526	162.270	5.138	0.232	0.00395637
IPI:IPI00290272.2	0.000	0.000	n/a	n/a	1	37.420	39.190	41.029	49.655	49.034	48.482	39.213	1.805	49.057	0.587	0.323	0.00649375
IPI:IPI00290305.3	50.559	3.960	0.249	0.05789261	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00290328.3	661.919	23.028	0.117	0.04046173	3	73.906	78.351	82.575	114.601	102.240	111.572	78.277	4.335	109.471	6.443	0.484	0.00362242
IPI:IPI00290332.2	102.081	5.233	0.177	0.05002088	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00290337.8	445.517	27.927	-0.095	0.19468105	2	69.619	70.132	76.670	13.997	20.414	19.042	72.140	3.931	17.818	3.380	-2.018	0.00006381
IPI:IPI00290409.3	82.639	4.795	1.101	0.00045521	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00290410.3	542.703	6.914	-0.026	0.47204002	14	747.539	769.221	781.514	822.391	839.293	823.258	766.091	17.202	828.314	9.518	0.113	0.01078151
IPI:IPI00290416.3	1,067.160	48.251	0.059	0.29563387	15	563.500	573.585	555.150	673.748	650.380	660.790	564.078	9.231	661.639	11.707	0.230	0.00046010
IPI:IPI00290429.7	0.000	0.000	n/a	n/a	2	48.926	51.884	45.814	78.150	67.671	79.612	48.875	3.035	75.144	6.513	0.621	0.00947395
IPI:IPI00290435.3	0.000	0.000	n/a	n/a	7	298.606	300.400	298.752	367.791	367.791	363.736	299.253	0.996	366.439	2.341	0.292	0.00005557

IPI:IPI00290460.3	EIF3G	Eukaryotic translation initiation factor 3 subunit G	13	577.573	634.508	584.337	580.738	558.157	589.993	598.806	31.103
IPI:IPI00290461.3	EIF3J	Eukaryotic translation initiation factor 3 subunit J	18	1,087.550	1,051.390	1,039.740	1,124.490	1,136.290	1,128.560	1,059.560	24.930
IPI:IPI00290462.5	CBR3	Carbonyl reductase [NADPH] 3	5	199.183	204.042	201.037	103.544	115.195	112.075	201.421	2.452
IPI:IPI00290511.2	LRRC68	Isoform 1 of Leucine-rich repeat-containing protein 68	1	21.976	19.063	21.502	28.203	32.502	26.676	20.847	1.563
IPI:IPI00290514.1	INTS9	Integrator complex subunit 9	2	69.687	75.951	76.578	77.874	73.739	77.537	74.072	3.810
IPI:IPI00290542.1	STAM2	Isoform 1 of Signal transducing adapter molecule 2	11	783.545	763.979	794.432	802.268	802.122	799.706	780.652	15.431
IPI:IPI00290547.6	NPAT	Protein NPAT	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290566.1	TCP1	T-complex protein 1 subunit alpha	26	1,953.290	1,872.100	1,906.160	2,089.280	2,229.310	2,167.230	1,910.517	40.770
IPI:IPI00290571.3	FBXO30	F-box only protein 30	2	49.847	44.675	53.929	52.813	50.290	51.857	49.484	4.637
IPI:IPI00290614.7	ENDOG	Endonuclease G, mitochondrial	3	202.394	228.517	218.168	226.656	200.815	230.193	216.360	13.155
IPI:IPI00290652.4	RSF1	remodeling and spacing factor 1	4	180.653	184.838	181.435	168.244	157.163	173.839	182.309	2.225
IPI:IPI00290770.3	CCT3	chaperonin containing TCP1, subunit 3 isoform b	28	2,231.860	2,374.750	2,228.380	1,997.680	1,924.840	1,968.810	2,278.330	83.520
IPI:IPI00290799.4	C18orf19	Uncharacterized protein C18orf19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290812.2	TTF2	Isoform 1 of Transcription termination factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00290928.2	GNA13	Guanine nucleotide-binding protein subunit alpha-13	2	114.938	126.307	119.898	169.653	131.036	162.399	120.381	5.700
IPI:IPI00290950.1	WDR20	Isoform 2 of WD repeat-containing protein 20	1	9.671	10.786	10.735	9.618	12.520	11.787	10.397	0.630
IPI:IPI00291005.8	MDH1	Malate dehydrogenase, cytoplasmic	22	1,469.720	1,459.320	1,420.990	1,426.060	1,429.470	1,416.250	1,450.010	25.664
IPI:IPI00291006.2	MDH2	Malate dehydrogenase, mitochondrial	22	2,096.640	1,813.050	2,137.680	1,745.840	2,012.690	1,802.580	2,015.790	176.773
IPI:IPI00291016.8	NDUFV3	NADH-ubiquinone oxidoreductase flavoprotein 3 isoform a precursor	7	519.133	480.419	499.441	494.956	444.263	514.718	499.664	19.358
IPI:IPI00291032.7	CYTSB	Isoform 1 of Sperm antigen with calponin homology and coiled-coil domains 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00291093.3	POLR2E	DNA-directed RNA polymerases I, II, and III subunit RPABC1	1	31.231	31.221	26.167	20.619	21.115	21.357	29.540	2.921
IPI:IPI00291131.6	THOC7	THO complex subunit 7 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00291136.4	COL6A1	Collagen alpha-1(VI) chain	12	883.326	845.844	878.988	823.381	798.020	823.085	869.386	20.503
IPI:IPI00291175.7	VCL	Isoform 1 of Vinculin	88	6,330.390	6,443.890	6,095.030	5,947.840	5,774.660	5,993.640	6,289.770	177.942
IPI:IPI00291200.2	NUP133	Nuclear pore complex protein Nup133	5	272.523	318.095	260.857	301.869	347.654	273.589	283.825	30.246
IPI:IPI00291205.4	PDE3A	cGMP-inhibited 3',5'-cyclic phosphodiesterase A	1	16.325	16.640	17.002	10.141	13.014	11.553	16.656	0.338
IPI:IPI00291215.6	PARP14	poly (ADP-ribose) polymerase family, member 14	1	52.228	52.559	50.022	74.965	59.377	76.357	51.603	1.379
IPI:IPI00291238.4	FBLIM1	Isoform 1 of Filamin-binding LIM protein 1	4	183.656	221.640	193.987	144.788	114.308	132.038	199.761	19.639
IPI:IPI00291262.3	CLU	Clusterin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00291316.5	ARHGEF2	Isoform 1 of Rho guanine nucleotide exchange factor 2	12	887.147	902.199	857.232	675.807	677.164	666.717	882.193	22.889
IPI:IPI00291328.3	NDUFV2	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	7	423.169	454.013	440.694	433.868	417.517	444.915	439.292	15.470
IPI:IPI00291373.2	ABCD1	ATP-binding cassette sub-family D member 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00291401.5	C1orf52	Isoform 1 of UPF0690 protein C1orf52	1	97.520	95.977	95.932	69.494	78.231	71.089	96.476	0.904
IPI:IPI00291410.3	C20orf114	Isoform 1 of Long palate, lung and nasal epithelium carcinoma-associated protein 1	2	7.920	9.768	11.319	45.324	44.243	45.035	9.669	1.701
IPI:IPI00291419.6	ACAT2	cDNA FLJ53975, highly similar to Acetyl-CoA acetyltransferase, cytosolic	8	414.127	457.339	391.271	600.671	533.953	603.246	420.912	33.553
IPI:IPI00291467.7	SLC25A6	ADP/ATP translocase 3	4	135.965	162.418	140.548	78.384	70.631	78.183	146.310	14.137
IPI:IPI00291510.3	IMPDH2	Inosine-5'-monophosphate dehydrogenase 2	14	1,013.790	891.628	971.298	830.002	922.628	861.151	958.905	62.017
IPI:IPI00291525.1	TFB1M	Dimethyladenosine transferase 1, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00291544.3	SQLE	Squalene monooxygenase	4	77.722	75.475	74.166	304.259	307.004	306.785	75.788	1.799
IPI:IPI00291560.4	ARG1	Isoform 1 of Arginase-1	3	44.640	40.368	48.109	41.234	43.782	40.640	44.372	3.877
IPI:IPI00291578.7	PRPSAP1	Phosphoribosyl pyrophosphate synthetase-associated protein 1	2	186.938	183.742	185.902	195.770	211.415	205.169	185.527	1.631
IPI:IPI00291579.7	KIF23	Isoform 1 of Kinesin-like protein KIF23	2	65.185	70.921	59.205	74.686	63.932	78.472	65.104	5.859
IPI:IPI00291607.2	ITPR3	Inositol 1,4,5-trisphosphate receptor type 3	8	483.240	513.706	493.832	553.130	533.702	557.682	496.926	15.467
IPI:IPI00291608.4	PCNP	Isoform 1 of PEST proteolytic signal-containing nuclear protein	6	339.861	343.427	352.330	287.675	300.300	290.414	345.206	6.422
IPI:IPI00291643.3	SPRYD4	SPRY domain-containing protein 4	1	39.548	31.639	38.926	47.710	55.443	52.632	36.704	4.398
IPI:IPI00291646.3	MTHFD1L	Methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like	15	1,071.060	1,079.160	1,085.490	1,068.040	1,017.080	1,078.210	1,078.570	7.233
IPI:IPI00291669.3	UBLCP1	Ubiquitin-like domain-containing CTD phosphatase 1	4	262.454	241.376	255.118	172.408	217.544	206.576	252.983	10.700
IPI:IPI00291695.3	GPX8	Probable glutathione peroxidase 8	7	336.161	432.341	348.603	435.086	367.530	436.413	372.368	52.309
IPI:IPI00291755.6	NUP210	Isoform 1 of Nuclear pore membrane glycoprotein 210	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00291783.3	GEMIN5	Gem-associated protein 5	5	261.451	319.655	274.653	321.094	269.217	329.111	285.253	30.516
IPI:IPI00291800.1	EIF4ENIF1	Isoform 1 of Eukaryotic translation initiation factor 4E transporter	2	82.141	77.495	85.811	76.240	84.268	85.103	81.816	4.168

IPI:IPI00290460.3	576.296	16.376	-0.055	0.34791236	21	931.955	1,006.650	950.527	1,397.710	1,350.170	1,356.300	963.044	38.889	1,368.060	25.860	0.506	0.00027582
IPI:IPI00290461.3	1,129.780	5.994	0.093	0.03356996	25	1,043.890	1,075.900	1,063.480	1,075.150	1,099.070	1,085.790	1,061.090	16.138	1,086.670	11.984	0.034	0.09806977
IPI:IPI00290462.5	110.271	6.031	-0.869	0.00036010	1	114.847	142.206	113.615	11.221	13.409	15.190	123.556	16.163	13.273	1.988	-3.219	0.00645424
IPI:IPI00290511.2	29.127	3.021	0.483	0.02441977	1	34.197	32.648	32.186	41.085	38.690	40.969	33.010	1.053	40.248	1.351	0.286	0.00231661
IPI:IPI00290514.1	76.384	2.297	0.044	0.42963217	2	96.526	100.796	89.434	125.423	122.327	129.297	95.585	5.739	125.682	3.492	0.395	0.00314046
IPI:IPI00290542.1	801.365	1.439	0.038	0.14466139	7	323.204	338.671	318.540	394.363	376.475	401.772	326.805	10.538	390.870	13.005	0.258	0.00311561
IPI:IPI00290547.6	0.000	0.000	n/a	n/a	2	143.231	170.071	167.203	119.219	142.227	122.300	160.168	14.738	127.915	12.490	-0.324	0.04597871
IPI:IPI00290566.1	2,161.940	70.165	0.178	0.01060932	51	2,606.630	2,714.110	2,612.700	2,271.740	2,268.910	2,236.880	2,644.480	60.378	2,259.177	19.361	-0.227	0.00454914
IPI:IPI00290571.3	51.653	1.274	0.062	0.50811318	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00290614.7	219.221	16.038	0.019	0.82340400	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00290652.4	166.415	8.487	-0.132	0.07492332	46	1,788.270	1,865.410	1,803.190	1,942.530	1,862.020	1,933.920	1,818.957	40.916	1,912.823	44.207	0.073	0.05456202
IPI:IPI00290770.3	1,963.777	36.680	-0.214	0.01204489	39	1,900.820	1,761.340	1,928.190	1,980.400	2,161.260	2,059.640	1,863.450	89.483	2,067.100	90.660	0.150	0.05050598
IPI:IPI00290799.4	0.000	0.000	n/a	n/a	4	238.992	275.097	235.908	231.296	206.139	222.999	249.999	21.790	220.145	12.819	-0.183	0.12668505
IPI:IPI00290812.2	0.000	0.000	n/a	n/a	1	9.398	15.497	12.585	18.191	17.856	17.167	12.493	3.051	17.738	0.522	0.506	0.09274119
IPI:IPI00290928.2	154.363	20.525	0.359	0.09419992	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00290950.1	11.308	1.509	0.121	0.41360307	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00291005.8	1,423.927	6.863	-0.026	0.21540182	50	2,137.170	2,058.310	2,143.340	2,578.920	2,799.440	2,597.510	2,112.940	47.411	2,658.623	122.305	0.331	0.00887625
IPI:IPI00291006.2	1,853.703	140.579	-0.121	0.28525557	72	3,590.260	3,468.580	3,590.810	4,039.230	4,156.990	4,105.260	3,549.883	70.411	4,100.493	59.025	0.208	0.00057132
IPI:IPI00291016.8	484.646	36.341	-0.044	0.57188733	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00291032.7	0.000	0.000	n/a	n/a	11	634.844	607.839	650.350	629.713	691.116	641.415	631.011	21.513	654.081	32.602	0.052	0.37265637
IPI:IPI00291093.3	21.030	0.376	-0.490	0.03525335	1	116.664	90.082	109.861	56.265	72.604	62.321	105.536	13.809	63.730	8.260	-0.728	0.01703704
IPI:IPI00291131.6	0.000	0.000	n/a	n/a	12	599.941	587.534	588.935	677.834	700.884	694.817	592.137	6.795	691.178	11.948	0.223	0.00084526
IPI:IPI00291136.4	814.829	14.557	-0.094	0.02383676	13	1,094.030	1,011.950	1,136.990	28.185	69.544	62.022	1,080.990	63.532	53.251	22.031	-4.343	0.00042712
IPI:IPI00291175.7	5,905.380	115.500	-0.091	0.04328365	119	4,842.520	4,855.480	4,842.220	4,542.260	4,453.200	4,551.130	4,846.740	7.571	4,515.530	54.161	-0.102	0.00787581
IPI:IPI00291200.2	307.704	37.376	0.117	0.44027109	10	791.675	706.526	798.350	503.238	591.464	516.839	765.517	51.197	537.180	47.500	-0.511	0.00487586
IPI:IPI00291205.4	11.569	1.437	-0.526	0.02094810	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00291215.6	70.233	9.427	0.445	0.07284678	6	251.361	252.848	244.693	333.661	337.201	343.252	249.634	4.343	338.038	4.850	0.437	0.00002173
IPI:IPI00291238.4	130.378	15.308	-0.616	0.00982004	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00291262.3	0.000	0.000	n/a	n/a	3	102.588	112.467	97.737	164.402	120.245	151.011	104.264	7.507	145.219	22.641	0.478	0.07659841
IPI:IPI00291316.5	673.229	5.681	-0.390	0.00256657	4	179.631	211.715	186.294	224.295	182.290	219.236	192.547	16.931	208.607	22.931	0.116	0.38989849
IPI:IPI00291328.3	432.100	13.784	-0.024	0.58095544	7	357.147	312.645	338.297	244.365	242.588	252.828	336.030	22.337	246.594	5.472	-0.446	0.01583516
IPI:IPI00291373.2	0.000	0.000	n/a	n/a	5	219.957	236.642	213.614	244.635	217.540	237.448	223.404	11.895	233.208	14.036	0.062	0.41104312
IPI:IPI00291401.5	72.938	4.653	-0.404	0.01057769	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00291410.3	44.868	0.560	2.214	0.00026059	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00291419.6	579.290	39.284	0.461	0.00649855	11	447.004	474.807	438.475	521.451	540.432	513.584	453.429	18.999	525.156	13.802	0.212	0.00787957
IPI:IPI00291467.7	75.733	4.419	-0.950	0.00829166	6	227.187	217.703	238.915	169.511	184.226	168.914	227.935	10.626	174.217	8.673	-0.388	0.00285497
IPI:IPI00291510.3	871.260	47.133	-0.138	0.12882270	41	1,772.550	1,709.340	1,766.760	2,070.140	2,108.670	2,088.280	1,749.550	34.943	2,089.030	19.276	0.256	0.00055528
IPI:IPI00291525.1	0.000	0.000	n/a	n/a	5	290.361	286.033	282.130	317.663	316.135	314.768	286.175	4.117	316.189	1.448	0.144	0.00295298
IPI:IPI00291544.3	306.016	1.526	2.014	0.00000010	2	63.024	54.486	59.924	72.478	80.564	77.411	59.145	4.322	76.818	4.075	0.377	0.00680974
IPI:IPI00291560.4	41.885	1.669	-0.083	0.38972022	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00291578.7	204.118	7.875	0.138	0.04978045	3	215.068	211.724	202.062	255.657	272.086	279.360	209.618	6.754	269.034	12.143	0.360	0.00440107
IPI:IPI00291579.7	72.363	7.543	0.153	0.26278150	3	111.429	108.449	107.174	256.944	266.386	254.081	109.017	2.184	259.137	6.439	1.249	0.00018151
IPI:IPI00291607.2	548.171	12.736	0.142	0.01238944	29	1,001.600	997.149	988.641	1,133.860	1,121.810	1,098.190	995.797	6.584	1,117.953	18.145	0.167	0.00344527
IPI:IPI00291608.4	292.796	6.641	-0.238	0.00060705	5	290.495	291.330	289.962	207.710	199.037	214.762	290.596	0.690	207.170	7.876	-0.488	0.00278364
IPI:IPI00291643.3	51.928	3.914	0.501	0.01134473	4	288.678	254.112	284.359	143.173	178.923	155.423	275.716	18.834	159.173	18.168	-0.793	0.00153026
IPI:IPI00291646.3	1,054.443	32.755	-0.033	0.32952362	28	1,364.290	1,348.410	1,387.260	1,437.510	1,482.360	1,435.260	1,366.653	19.533	1,451.710	26.568	0.087	0.01349016
IPI:IPI00291669.3	198.843	23.541	-0.347	0.04065908	5	306.088	305.910	304.213	378.422	368.388	368.059	305.404	1.035	371.623	5.890	0.283	0.00204579
IPI:IPI00291695.3	413.010	39.392	0.149	0.34755996	6	371.665	384.089	391.675	222.831	261.653	223.916	382.476	10.102	236.133	22.107	-0.696	0.00253002
IPI:IPI00291755.6	0.000	0.000	n/a	n/a	8	168.956	161.676	175.684	167.509	174.065	176.153	168.772	7.006	172.576	4.510	0.032	0.48057742
IPI:IPI00291783.3	306.474	32.514	0.104	0.45818753	7	314.072	344.329	332.808	411.993	406.998	402.929	330.403	15.271	407.307	4.540	0.302	0.00846423
IPI:IPI00291800.1	81.870	4.894	0.001	0.98915204	3	96.033	103.411	106.144	97.882	109.329	104.354	101.863	5.230	103.855	5.740	0.028	0.68006456

IPI:IPI00291802.3	LMO7	Isoform 3 of LIM domain only protein 7	73	4,730.870	4,764.380	4,810.850	4,140.050	4,117.550	4,172.830	4,768.700	40.165
IPI:IPI00291893.4	DCUN1D1	DCN1-like protein 1	5	213.800	205.648	213.992	182.829	211.048	179.466	211.147	4.763
IPI:IPI00291916.5	PHIP	PH-interacting protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00291922.2	PSMA5	Proteasome subunit alpha type-5	7	550.306	604.117	523.001	612.272	541.556	595.211	559.141	41.273
IPI:IPI00291928.8	RAB14	Ras-related protein Rab-14	13	308.612	308.612	328.801	412.118	412.380	384.840	315.342	11.656
IPI:IPI00291930.6	CLINT1	cDNA FLJ61629, highly similar to Clathrin interactor 1	12	724.694	771.342	736.396	708.025	681.445	715.276	744.144	24.270
IPI:IPI00291939.1	SMC1A	Structural maintenance of chromosomes protein 1A	15	876.392	879.935	870.294	818.267	839.479	834.641	875.540	4.877
IPI:IPI00291946.8	USP10	Ubiquitin carboxyl-terminal hydrolase 10	5	254.362	245.456	264.099	242.296	240.809	240.988	254.639	9.325
IPI:IPI00291972.2	RTN4IP1	Isoform 1 of Reticulon-4-interacting protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292000.6	PRPF31	Isoform 1 of U4/U6 small nuclear ribonucleoprotein Prp31	5	218.922	236.871	221.966	234.873	223.181	221.265	225.920	9.605
IPI:IPI00292020.3	SRM	Spermidine synthase	12	944.739	856.072	931.671	776.197	900.519	809.480	910.827	47.868
IPI:IPI00292059.2	NUP153	Nuclear pore complex protein Nup153	21	1,055.760	1,025.540	1,100.310	911.501	926.754	951.959	1,060.537	37.613
IPI:IPI00292134.6	EPS15	Isoform 1 of Epidermal growth factor receptor substrate 15	18	1,245.640	1,260.900	1,214.380	1,308.380	1,281.650	1,332.750	1,240.307	23.714
IPI:IPI00292135.1	LBR	Lamin-B receptor	1	62.885	72.334	56.450	68.370	45.292	60.480	63.889	7.989
IPI:IPI00292140.4	CASP3	Caspase-3	2	139.886	139.404	137.244	107.603	100.338	115.115	138.845	1.407
IPI:IPI00292221.3	BXDC5	Ribosome production factor 1	1	36.939	35.381	35.506	34.478	33.734	36.583	35.942	0.866
IPI:IPI00292228.1	GSK3A	Glycogen synthase kinase-3 alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292326.6	SPAG1	Sperm-associated antigen 1	1	6.531	5.133	5.909	6.809	8.573	7.917	5.858	0.701
IPI:IPI00292354.8	RNF181	RING finger protein 181	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292382.5	DCP2	Isoform 1 of mRNA-decapping enzyme 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292496.1	RP11-631M2	Tubulin beta-8 chain	4	56.278	67.182	60.760	71.812	63.464	54.771	61.407	5.481
IPI:IPI00292499.4	HSPA14	Heat shock 70 kDa protein 14	3	144.084	149.271	137.964	242.026	221.345	239.744	143.773	5.660
IPI:IPI00292537.3	NFKB1	Isoform 2 of Nuclear factor NF-kappa-B p105 subunit	2	109.424	109.551	103.229	111.403	116.165	114.948	107.401	3.614
IPI:IPI00292548.3	RHPN2	Rhophilin-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292567.4	POMGNT1	Protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase	1	56.582	59.642	50.249	66.224	53.634	66.444	55.491	4.790
IPI:IPI00292657.3	PTGR1	Prostaglandin reductase 1	4	107.998	99.056	116.214	121.036	144.225	131.492	107.756	8.582
IPI:IPI00292753.7	GAPVD1	Isoform 6 of GTPase-activating protein and VPS9 domain-containing protein 1	9	778.887	823.596	738.330	890.580	834.532	906.026	780.271	42.650
IPI:IPI00292763.3	CROT	Peroxisomal carnitine O-octanoyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292771.4	NUMA1	Isoform 1 of Nuclear mitotic apparatus protein 1	31	1,775.370	1,734.000	1,769.830	1,627.770	1,600.510	1,628.990	1,759.733	22.457
IPI:IPI00292787.6	ACTR5	Actin-related protein 5	1	57.141	45.367	51.510	62.969	79.293	66.854	51.339	5.889
IPI:IPI00292793.2	MDFIC	Isoform 1 of MyoD family inhibitor domain-containing protein	1	54.090	39.871	52.514	70.134	80.318	70.832	48.825	7.794
IPI:IPI00292812.6	TMED8	Protein TMED8	2	35.687	30.685	35.734	36.055	37.579	33.265	34.035	2.902
IPI:IPI00292858.4	TYMP	Thymidine phosphorylase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292880.5	E2F4	Transcription factor E2F4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292894.5	TSR1	Pre-rRNA-processing protein TSR1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292914.4	ANKIB1	Ankyrin repeat and IBR domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00292953.6	RAI14	Isoform 2 of Ankycorbin	38	2,491.700	2,309.390	2,458.760	2,332.110	2,454.490	2,402.710	2,419.950	97.154
IPI:IPI00292975.4	RBM27	RNA-binding protein 27	6	268.776	267.339	270.514	235.460	242.499	250.867	268.876	1.590
IPI:IPI00293009.4	RABEP1	Isoform 1 of Rab GTPase-binding effector protein 1	4	206.498	210.383	216.169	245.693	234.350	249.038	211.017	4.867
IPI:IPI00293026.7	EFTUD1	Isoform 1 of Elongation factor Tu GTP-binding domain-containing protein 1	12	670.207	638.579	679.708	698.188	764.921	738.942	662.831	21.534
IPI:IPI00293073.4	MFN1	Mitochondrial transmembrane GTPase FZO-2	1	9.206	8.187	10.727	11.787	10.947	10.937	9.373	1.279
IPI:IPI00293078.1	DDX27	Probable ATP-dependent RNA helicase DDX27	8	445.684	440.394	449.132	358.240	358.636	364.898	445.070	4.401
IPI:IPI00293086.2	ZHX1	Zinc fingers and homeoboxes protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293102.4	PPP2R4	Isoform 2 of Serine/threonine-protein phosphatase 2A regulatory subunit B'	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293126.1	TBCB	Tubulin folding cofactor B	7	212.061	239.049	214.321	160.351	140.247	161.257	221.810	14.972
IPI:IPI00293167.4	SDF2	Stromal cell-derived factor 2	4	191.854	178.839	199.028	206.428	215.860	195.778	189.907	10.234
IPI:IPI00293235.4	BBS7	Isoform 1 of Bardet-Biedl syndrome 7 protein	1	36.255	35.533	37.598	31.130	32.144	37.285	36.462	1.048
IPI:IPI00293260.5	DNAJC10	Isoform 1 of DnaJ homolog subfamily C member 10	3	268.389	239.019	264.583	253.167	295.165	278.803	257.330	15.972
IPI:IPI00293276.1	MIF;LOC284	Macrophage migration inhibitory factor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293303.1	LGMN	Legumain	6	285.858	271.351	283.626	89.666	67.120	78.128	280.278	7.811
IPI:IPI00293307.1	ADFP	Adipophilin	1	3.558	6.742	8.044	8.887	8.595	5.271	6.115	2.308
IPI:IPI00293331.3	POP1	Ribonucleases P/MRP protein subunit POP1	4	221.621	217.823	219.705	183.655	187.867	188.632	219.716	1.899

IPI:IPI00291802.3	4,143.477	27.799	-0.203	0.00006111	9	409.291	421.641	423.855	135.671	154.958	146.191	418.262	7.848	145.607	9.657	-1.522	0.00000447
IPI:IPI00291893.4	191.114	17.345	-0.144	0.17696377	11	269.176	260.392	284.144	254.804	271.026	251.957	271.237	12.009	259.262	10.287	-0.065	0.26155293
IPI:IPI00291916.5	0.000	0.000	n/a	n/a	2	104.900	94.559	86.912	124.181	136.442	126.007	95.457	9.027	128.877	6.615	0.433	0.00839013
IPI:IPI00291922.2	583.013	36.902	0.060	0.49766898	14	595.757	566.583	614.104	332.816	369.355	351.450	592.148	23.965	351.207	18.271	-0.754	0.00023900
IPI:IPI00291928.8	403.113	15.825	0.354	0.00212549	15	446.761	449.961	443.524	402.971	314.445	381.048	446.749	3.219	366.155	46.104	-0.287	0.09379495
IPI:IPI00291930.6	701.582	17.812	-0.085	0.07631390	14	692.397	696.979	726.955	610.883	714.455	623.708	705.444	18.770	649.682	56.460	-0.119	0.22351653
IPI:IPI00291939.1	830.796	11.117	-0.076	0.01016220	69	2,974.070	3,042.420	2,976.590	3,904.280	3,766.320	3,843.090	2,997.693	38.755	3,837.897	69.126	0.356	0.00026552
IPI:IPI00291946.8	241.364	0.812	-0.077	0.13185417	4	173.185	170.547	171.610	205.286	212.016	199.756	171.781	1.327	205.686	6.140	0.260	0.00843674
IPI:IPI00291972.2	0.000	0.000	n/a	n/a	5	255.187	223.046	264.693	237.198	270.020	253.258	247.642	21.825	253.492	16.412	0.034	0.73196326
IPI:IPI00292000.6	226.440	7.366	0.003	0.94501647	21	692.572	749.131	698.343	970.361	874.949	927.224	713.349	31.122	924.178	47.779	0.374	0.00504970
IPI:IPI00292020.3	828.732	64.358	-0.136	0.15714721	15	561.867	534.929	575.945	319.058	347.089	318.089	557.580	20.841	328.079	16.471	-0.765	0.00016383
IPI:IPI00292059.2	930.071	20.432	-0.189	0.01235301	52	2,100.150	2,114.190	2,116.410	1,830.070	1,811.080	1,824.560	2,110.250	8.817	1,821.903	9.770	-0.212	0.00000330
IPI:IPI00292134.6	1,307.593	25.559	0.076	0.02904809	29	1,274.410	1,180.080	1,278.640	1,335.600	1,453.910	1,344.500	1,244.377	55.723	1,378.003	65.888	0.147	0.05686449
IPI:IPI00292135.1	58.047	11.730	-0.138	0.52183856	2	98.986	108.215	94.213	92.549	72.524	91.347	100.471	7.118	85.473	11.231	-0.233	0.13545181
IPI:IPI00292140.4	107.685	7.389	-0.367	0.01557602	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00292221.3	34.932	1.478	-0.041	0.37778069	3	41.029	41.434	42.604	46.469	46.236	46.320	41.689	0.818	46.342	0.118	0.153	0.00904863
IPI:IPI00292228.1	0.000	0.000	n/a	n/a	2	24.217	27.744	24.986	32.656	31.758	31.588	25.649	1.855	32.000	0.574	0.319	0.01979036
IPI:IPI00292326.6	7.766	0.891	0.407	0.04645080	3	86.231	108.342	94.358	155.490	135.971	152.183	96.310	11.184	147.881	10.446	0.619	0.00436073
IPI:IPI00292354.8	0.000	0.000	n/a	n/a	1	2.800	4.006	4.092	3.509	3.206	3.230	3.633	0.722	3.315	0.168	-0.132	0.53046276
IPI:IPI00292382.5	0.000	0.000	n/a	n/a	1	22.457	23.276	23.360	21.672	23.502	19.339	23.031	0.499	21.504	2.086	-0.099	0.33284401
IPI:IPI00292496.1	63.349	8.521	0.045	0.75947804	13	243.806	242.408	280.279	229.457	269.975	225.939	255.498	21.473	241.790	24.472	-0.080	0.50852749
IPI:IPI00292499.4	234.372	11.339	0.705	0.00126752	7	212.592	206.382	219.452	265.455	282.662	256.937	212.809	6.538	268.351	13.105	0.335	0.00766041
IPI:IPI00292537.3	114.172	2.474	0.088	0.06309617	5	214.254	194.293	205.344	256.612	271.484	257.410	204.630	10.000	261.835	8.366	0.356	0.00182138
IPI:IPI00292548.3	0.000	0.000	n/a	n/a	9	463.942	467.879	471.950	670.334	688.502	661.251	467.924	4.004	673.362	13.876	0.525	0.00071837
IPI:IPI00292567.4	62.101	7.333	0.162	0.27167162	4	117.413	111.389	112.903	119.951	122.238	122.603	113.902	3.134	121.597	1.437	0.094	0.03452843
IPI:IPI00292657.3	132.251	11.613	0.296	0.04705340	6	312.636	333.578	307.044	270.024	273.437	285.951	317.753	13.987	276.471	8.386	-0.201	0.01831438
IPI:IPI00292753.7	877.046	37.619	0.169	0.04291340	4	118.935	105.339	110.207	126.755	141.452	131.597	111.494	6.889	133.268	7.490	0.257	0.02101665
IPI:IPI00292763.3	0.000	0.000	n/a	n/a	1	24.919	29.853	27.525	44.308	34.818	42.575	27.432	2.469	40.567	5.054	0.564	0.02906025
IPI:IPI00292771.4	1,619.090	16.102	-0.120	0.00142120	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00292787.6	69.705	8.527	0.441	0.04366337	1	47.914	49.614	54.151	52.915	56.555	50.049	50.560	3.225	53.173	3.261	0.073	0.37951162
IPI:IPI00292793.2	73.761	5.689	0.595	0.01351990	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00292812.6	35.633	2.188	0.066	0.49264365	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00292858.4	0.000	0.000	n/a	n/a	2	75.874	92.500	78.677	85.436	64.598	75.294	82.350	8.901	75.110	10.420	-0.133	0.41317526
IPI:IPI00292880.5	0.000	0.000	n/a	n/a	1	20.700	20.733	20.356	69.907	60.852	69.138	20.596	0.209	66.632	5.021	1.694	0.00391061
IPI:IPI00292894.5	0.000	0.000	n/a	n/a	1	53.017	45.987	52.125	57.523	69.978	60.424	50.376	3.827	62.641	6.517	0.314	0.06180149
IPI:IPI00292914.4	0.000	0.000	n/a	n/a	1	10.445	11.695	11.670	15.235	13.256	15.501	11.270	0.715	14.664	1.227	0.380	0.02234410
IPI:IPI00292953.6	2,396.437	61.431	-0.014	0.74416837	3	172.905	170.558	184.741	38.777	50.868	43.043	176.068	7.602	44.229	6.132	-1.993	0.00002858
IPI:IPI00292975.4	242.942	7.713	-0.146	0.02439796	7	374.318	388.413	350.977	386.531	341.545	388.079	371.236	18.907	372.052	26.431	0.003	0.96797966
IPI:IPI00293009.4	243.027	7.698	0.204	0.00627866	4	121.218	118.377	117.647	134.370	153.440	132.882	119.081	1.887	140.231	11.464	0.236	0.08186966
IPI:IPI00293026.7	734.017	33.638	0.147	0.04560273	6	252.457	277.519	251.164	387.456	364.503	386.877	260.380	14.857	379.612	13.088	0.544	0.00051993
IPI:IPI00293073.4	11.224	0.488	0.260	0.11584625	4	109.640	110.029	113.211	117.116	124.770	116.149	110.960	1.959	119.345	4.723	0.105	0.07536302
IPI:IPI00293078.1	360.591	3.735	-0.304	0.00001907	35	1,331.270	1,301.200	1,314.070	1,804.090	1,733.590	1,750.820	1,315.513	15.087	1,762.833	36.753	0.422	0.00060954
IPI:IPI00293086.2	0.000	0.000	n/a	n/a	1	18.516	20.621	16.344	21.534	20.766	22.369	18.494	2.138	21.556	0.802	0.221	0.11841314
IPI:IPI00293102.4	0.000	0.000	n/a	n/a	3	149.120	169.506	161.625	172.216	143.510	165.297	160.084	10.280	160.341	14.981	0.002	0.98324460
IPI:IPI00293126.1	153.952	11.877	-0.527	0.00418299	12	272.560	240.533	283.782	285.792	326.461	293.757	265.625	22.443	302.003	21.552	0.185	0.11303853
IPI:IPI00293167.4	206.022	10.047	0.118	0.12410997	12	345.183	378.018	353.930	529.005	482.682	493.527	359.044	17.004	501.738	24.229	0.483	0.00178770
IPI:IPI00293235.4	33.520	3.300	-0.121	0.25901701	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00293260.5	275.712	21.169	0.100	0.30076696	7	285.437	300.698	304.030	306.288	284.647	309.366	296.722	9.914	300.100	13.471	0.016	0.74611688
IPI:IPI00293276.1	0.000	0.000	n/a	n/a	1	47.349	58.690	48.144	118.455	101.655	112.213	51.394	6.331	110.774	8.492	1.108	0.00091826
IPI:IPI00293303.1	78.304	11.274	-1.840	0.00003803	1	8.626	11.954	10.349	19.196	19.843	22.672	10.310	1.665	20.570	1.849	0.997	0.00211612
IPI:IPI00293307.1	7.584	2.009	0.311	0.45360053	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00293331.3	186.718	2.680	-0.235	0.00013202	6	196.997	188.705	184.278	262.527	243.238	256.604	189.993	6.457	254.123	9.881	0.420	0.00141797

IPI:IPI00293350.3	TSNAX	Translin-associated protein X	7	508.390	481.381	506.773	547.398	568.440	542.742	498.848	15.148
IPI:IPI00293363.2	KBTBD2	Kelch repeat and BTB domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293396.5	AP1G1	adaptor-related protein complex 1, gamma 1 subunit isoform a	6	277.088	293.128	283.758	241.831	256.350	248.240	284.658	8.058
IPI:IPI00293425.1	FXN	Isoform 1 of Frataxin, mitochondrial	5	235.335	290.878	278.110	278.745	268.178	294.425	268.108	29.091
IPI:IPI00293427.1	ZNRF2	E3 ubiquitin-protein ligase ZNRF2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293434.2	SRP14	Signal recognition particle 14 kDa protein	5	277.992	288.320	262.192	258.833	246.652	253.845	276.168	13.159
IPI:IPI00293464.5	DDB1	DNA damage-binding protein 1	14	771.384	808.928	769.225	759.246	741.010	774.057	783.179	22.325
IPI:IPI00293476.3	MRPL23	39S ribosomal protein L23, mitochondrial	1	17.761	20.243	17.562	19.678	17.797	20.106	18.522	1.494
IPI:IPI00293533.4	NUP62	Nuclear pore glycoprotein p62	4	225.851	213.588	233.573	152.316	187.396	141.133	224.337	10.078
IPI:IPI00293564.5	HMGCL	Hydroxymethylglutaryl-CoA lyase, mitochondrial	6	419.229	396.734	407.955	434.532	448.951	460.423	407.973	11.248
IPI:IPI00293568.2	RGPD6;RGPD	RANBP2-like and GRIP domain-containing protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293590.6	MGLL	monoglyceride lipase isoform 1	5	341.697	297.964	329.362	400.628	497.060	417.844	323.008	22.548
IPI:IPI00293613.2	TBK1	Serine/threonine-protein kinase TBK1	5	231.178	253.137	246.371	363.726	321.812	296.215	243.562	11.246
IPI:IPI00293616.3	DDX3Y;LOC1	ATP-dependent RNA helicase DDX3Y	5	308.543	296.040	299.402	308.809	316.660	323.676	301.328	6.470
IPI:IPI00293655.3	DDX1	ATP-dependent RNA helicase DDX1	31	2,412.950	2,532.440	2,406.830	2,526.000	2,374.880	2,426.650	2,450.740	70.820
IPI:IPI00293657.3	IRF2	Interferon regulatory factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293665.9	KRT6B	Keratin, type II cytoskeletal 6B	4	268.692	262.903	271.332	287.257	271.519	283.735	267.642	4.311
IPI:IPI00293735.2	IKBKAP	Elongator complex protein 1	10	649.331	624.833	652.051	545.835	617.429	593.495	642.072	14.991
IPI:IPI00293748.3	MINPP1	Isoform 1 of Multiple inositol polyphosphate phosphatase 1	6	195.242	178.031	188.310	226.667	235.189	241.186	187.194	8.660
IPI:IPI00293756.5	VAMP5	Vesicle-associated membrane protein 5	1	39.811	40.782	36.192	49.962	43.210	50.691	38.928	2.419
IPI:IPI00293776.8	ZNF187	zinc finger protein 187 isoform c	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293817.3	NAPG	Gamma-soluble NSF attachment protein	11	774.369	823.149	801.393	854.217	817.680	848.549	799.637	24.437
IPI:IPI00293845.5	RIF1	Isoform 1 of Telomere-associated protein RIF1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293849.4	PTPRM	Receptor-type tyrosine-protein phosphatase mu	2	88.965	84.809	81.955	122.883	128.852	124.278	85.243	3.525
IPI:IPI00293857.1	ARRB1	Isoform 1A of Beta-arrestin-1	3	111.615	106.700	108.869	127.514	127.036	125.804	109.061	2.463
IPI:IPI00293867.7	DDT	D-dopachrome decarboxylase	2	36.159	32.610	34.448	36.369	37.160	33.018	34.405	1.775
IPI:IPI00293921.3	TOPBP1	DNA topoisomerase 2-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00293946.5	UBXN4	UBX domain-containing protein 4	6	592.279	535.360	590.495	544.619	586.942	546.246	572.711	32.360
IPI:IPI00293975.5	-	16 kDa protein	1	44.595	45.074	50.572	45.308	45.755	45.407	46.747	3.321
IPI:IPI00294008.4	ZWINT	ZW10 interactor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294065.6	GOLGA5	Isoform 1 of Golgin subfamily A member 5	7	223.031	222.704	223.853	231.119	225.991	232.078	223.196	0.592
IPI:IPI00294158.1	BLVRA	Biliverdin reductase A	8	528.940	571.224	515.365	637.833	570.873	626.244	538.510	29.133
IPI:IPI00294159.3	SLC25A1	Tricarboxylate transport protein, mitochondrial	4	286.332	317.593	289.831	374.385	337.283	367.062	297.919	17.128
IPI:IPI00294178.2	PPP2R1B	Isoform 1 of Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294186.4	LACTB	Isoform 1 of Serine beta-lactamase-like protein LACTB, mitochondrial	10	654.405	630.915	631.713	831.497	815.182	835.751	639.011	13.338
IPI:IPI00294187.1	PADI2	Protein-arginine deiminase type-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294211.2	DHX38	Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16	2	152.489	149.980	146.052	135.699	144.195	149.860	149.507	3.244
IPI:IPI00294229.6	RCL1	RNA 3'-terminal phosphate cyclase-like protein	2	207.410	224.080	208.819	226.484	242.577	237.457	213.436	9.245
IPI:IPI00294242.2	MRPS31	28S ribosomal protein S31, mitochondrial	2	45.527	58.258	49.319	61.921	47.126	56.449	51.035	6.537
IPI:IPI00294380.5	PCK2	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294391.2	CDC42EP3	Cdc42 effector protein 3	4	157.646	136.971	159.331	95.810	109.623	99.041	151.316	12.452
IPI:IPI00294398.1	HADH	Isoform 1 of Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	8	592.855	596.460	589.855	693.569	663.803	678.351	593.057	3.307
IPI:IPI00294402.1	ORC3L	Isoform 1 of Origin recognition complex subunit 3	2	188.156	198.210	196.353	177.807	164.599	184.879	194.240	5.350
IPI:IPI00294435.8	SLU7	Pre-mRNA-splicing factor SLU7	2	42.963	38.947	43.482	37.725	31.943	39.747	41.797	2.482
IPI:IPI00294472.3	TMED5	Transmembrane emp24 domain-containing protein 5	4	210.750	232.920	209.731	248.802	233.454	253.172	217.800	13.104
IPI:IPI00294495.5	UFC1	Ufm1-conjugating enzyme 1	3	259.094	337.109	253.499	335.173	276.569	349.245	283.234	46.741
IPI:IPI00294501.1	DHCR7	7-dehydrocholesterol reductase	3	152.216	156.766	157.666	267.036	243.398	271.244	155.549	2.922
IPI:IPI00294536.2	STRAP	cDNA FLJ51909, highly similar to Serine-threonine kinase receptor-associatedprotein	19	1,424.610	1,494.170	1,427.150	1,491.190	1,415.980	1,465.640	1,448.643	39.448
IPI:IPI00294567.3	FBXO7	F-box only protein 7	1	97.190	103.550	91.398	94.240	83.845	95.439	97.379	6.078
IPI:IPI00294575.7	CDC27	Cell division cycle protein 27 homolog	5	518.513	480.127	523.388	404.601	434.851	415.462	507.343	23.695
IPI:IPI00294578.1	TGM2	Isoform 1 of Protein-glutamine gamma-glutamyltransferase 2	24	1,500.220	1,432.230	1,578.360	1,423.390	1,644.190	1,427.840	1,503.603	73.124

IPI:IPI00293350.3	552.860	13.692	0.148	0.01043712	5	237.755	225.497	226.634	265.585	276.850	273.917	229.962	6.773	272.117	5.844	0.243	0.00134334
IPI:IPI00293363.2	0.000	0.000	n/a	n/a	2	49.621	44.962	50.925	64.922	74.212	71.433	48.503	3.135	70.189	4.769	0.533	0.00454041
IPI:IPI00293396.5	248.807	7.276	-0.194	0.00480976	5	276.046	289.657	288.961	68.787	74.275	70.114	284.888	7.665	71.058	2.863	-2.003	0.00009043
IPI:IPI00293425.1	280.449	13.206	0.065	0.55473324	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00293427.1	0.000	0.000	n/a	n/a	2	49.433	51.079	44.451	38.086	40.577	39.051	48.321	3.451	39.238	1.256	-0.300	0.03294850
IPI:IPI00293434.2	253.110	6.124	-0.126	0.07555318	10	663.688	645.158	671.094	776.337	775.687	772.471	659.980	13.360	774.832	2.070	0.231	0.00377697
IPI:IPI00293464.5	758.104	16.553	-0.047	0.19911936	15	609.701	594.869	613.373	562.943	582.863	550.379	605.981	9.797	565.395	16.380	-0.100	0.03008509
IPI:IPI00293476.3	19.193	1.228	0.051	0.58134733	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00293533.4	160.282	24.138	-0.485	0.03002297	7	352.465	334.733	371.003	300.453	346.331	299.460	352.734	18.136	315.415	26.779	-0.161	0.12608693
IPI:IPI00293564.5	447.969	12.973	0.135	0.01637121	6	254.293	250.400	251.485	138.585	142.136	140.022	252.059	2.009	140.248	1.786	-0.846	0.00000028
IPI:IPI00293568.2	0.000	0.000	n/a	n/a	8	307.314	308.181	312.269	353.393	353.916	341.359	309.255	2.646	349.556	7.104	0.177	0.00509750
IPI:IPI00293590.6	438.511	51.431	0.441	0.04363203	1	108.129	102.349	140.873	2.690	13.257	4.476	117.117	20.775	6.807	5.656	-4.105	0.00804357
IPI:IPI00293613.2	327.251	34.083	0.426	0.04035448	7	221.089	217.742	235.822	239.218	258.265	235.042	224.884	9.619	244.175	12.380	0.119	0.10452604
IPI:IPI00293616.3	316.382	7.437	0.070	0.05851831	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00293655.3	2,442.510	76.798	-0.005	0.89813121	39	1,736.980	1,840.340	1,734.570	1,910.240	1,729.720	1,888.800	1,770.630	60.383	1,842.920	98.618	0.058	0.35225578
IPI:IPI00293657.3	0.000	0.000	n/a	n/a	2	66.426	74.323	65.150	94.648	88.317	92.561	68.633	4.969	91.842	3.226	0.420	0.00421229
IPI:IPI00293665.9	280.837	8.260	0.069	0.09127269	1	8.439	6.842	7.597	9.907	6.231	8.665	7.626	0.799	8.268	1.870	0.117	0.62959424
IPI:IPI00293735.2	585.586	36.446	-0.133	0.10005996	2	72.538	79.806	74.661	119.109	97.320	116.842	75.668	3.737	111.090	11.979	0.554	0.02737647
IPI:IPI00293748.3	234.347	7.296	0.324	0.00218746	4	82.810	87.204	75.641	119.249	105.023	114.261	81.885	5.836	112.844	7.218	0.463	0.00508699
IPI:IPI00293756.5	47.954	4.125	0.301	0.04207691	1	55.818	53.650	55.208	47.726	54.551	47.859	54.892	1.118	50.045	3.902	-0.133	0.15691644
IPI:IPI00293776.8	0.000	0.000	n/a	n/a	1	74.005	84.243	74.724	100.381	73.909	94.326	77.657	5.715	89.538	13.870	0.205	0.27464288
IPI:IPI00293817.3	840.149	19.664	0.071	0.09234448	19	714.669	803.583	728.234	920.506	780.333	874.296	748.829	47.901	858.378	71.429	0.197	0.10181964
IPI:IPI00293845.5	0.000	0.000	n/a	n/a	26	1,425.340	1,409.030	1,425.070	1,321.730	1,357.000	1,340.880	1,419.813	9.340	1,339.870	17.657	-0.084	0.00591198
IPI:IPI00293849.4	125.338	3.122	0.556	0.00014130	1	27.531	39.078	30.658	0.252	1.676	2.287	32.422	5.973	1.405	1.044	-4.528	0.01039415
IPI:IPI00293857.1	126.785	0.882	0.217	0.00297401	18	510.929	514.307	503.398	666.457	673.156	658.134	509.545	5.585	665.916	7.526	0.386	0.00001750
IPI:IPI00293867.7	35.515	2.199	0.046	0.53630184	2	24.558	22.777	23.831	25.894	28.337	22.116	23.722	0.896	25.449	3.134	0.101	0.44402670
IPI:IPI00293921.3	0.000	0.000	n/a	n/a	4	111.918	109.467	105.445	152.455	153.768	156.309	108.943	3.268	154.177	1.959	0.501	0.00014329
IPI:IPI00293946.5	559.269	23.979	-0.034	0.59674586	4	97.793	109.308	103.038	160.131	136.101	148.885	103.380	5.765	148.372	12.023	0.521	0.01128463
IPI:IPI00293975.5	45.490	0.235	-0.039	0.57993867	2	25.557	29.938	32.153	38.595	37.943	39.971	29.216	3.357	38.836	1.036	0.411	0.02948022
IPI:IPI00294008.4	0.000	0.000	n/a	n/a	2	132.876	140.861	140.795	205.929	210.436	208.229	138.177	4.591	208.198	2.254	0.591	0.00020123
IPI:IPI00294065.6	229.729	3.273	0.042	0.07007965	8	212.098	190.374	218.786	192.784	218.145	200.796	207.086	14.854	203.908	12.964	-0.022	0.79490963
IPI:IPI00294158.1	611.650	35.786	0.184	0.05399837	13	731.633	755.857	709.095	951.361	915.568	926.185	732.195	23.386	931.038	18.383	0.347	0.00042899
IPI:IPI00294159.3	359.577	19.651	0.271	0.01553974	2	176.462	230.961	182.252	199.679	145.863	195.441	196.558	29.934	180.328	29.922	-0.124	0.54308687
IPI:IPI00294178.2	0.000	0.000	n/a	n/a	4	194.917	189.188	195.880	258.219	276.494	251.318	193.328	3.618	262.010	13.009	0.439	0.00798712
IPI:IPI00294186.4	827.477	10.858	0.373	0.00006216	7	727.129	723.361	721.008	358.677	357.954	360.997	723.833	3.088	359.209	1.590	-1.011	0.00000054
IPI:IPI00294187.1	0.000	0.000	n/a	n/a	19	631.695	626.122	666.910	651.338	642.394	638.503	641.576	22.116	644.078	6.581	0.006	0.86621617
IPI:IPI00294211.2	143.251	7.128	-0.062	0.26670669	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294229.6	235.506	8.222	0.142	0.03727869	1	75.076	72.635	71.629	49.626	57.922	50.608	73.114	1.773	52.719	4.533	-0.472	0.00862499
IPI:IPI00294242.2	55.165	7.480	0.112	0.51261066	13	634.463	644.203	650.795	626.055	621.795	641.686	643.154	8.216	629.845	10.473	-0.030	0.16305175
IPI:IPI00294380.5	0.000	0.000	n/a	n/a	15	458.877	491.375	462.639	567.153	499.341	553.473	470.964	17.777	539.989	35.861	0.197	0.06015540
IPI:IPI00294391.2	101.491	7.225	-0.576	0.00766641	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294398.1	678.574	14.884	0.194	0.00763597	8	467.842	434.576	454.509	440.413	440.759	430.118	452.309	16.742	437.097	6.046	-0.049	0.25299200
IPI:IPI00294402.1	175.762	10.294	-0.144	0.07003762	4	154.207	169.168	157.178	221.392	187.949	213.577	160.184	7.921	207.639	17.494	0.374	0.02717270
IPI:IPI00294435.8	36.472	4.050	-0.197	0.13861639	2	84.142	85.482	81.599	93.277	74.922	89.375	83.741	1.972	85.858	9.670	0.036	0.74368505
IPI:IPI00294472.3	245.143	10.356	0.171	0.05004295	2	147.140	130.959	152.965	91.491	117.885	95.275	143.688	11.402	101.550	14.272	-0.501	0.01779407
IPI:IPI00294495.5	320.329	38.545	0.178	0.35095352	4	149.845	136.503	150.936	111.309	129.458	123.203	145.761	8.036	121.323	9.219	-0.265	0.02678338
IPI:IPI00294501.1	260.559	15.010	0.744	0.00532487	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294536.2	1,457.603	38.244	0.009	0.79219806	20	1,215.430	1,200.580	1,219.530	1,158.760	1,209.370	1,131.430	1,211.847	9.970	1,166.520	39.545	-0.055	0.17989141
IPI:IPI00294567.3	91.175	6.376	-0.095	0.29032195	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294575.7	418.305	15.324	-0.278	0.00845798	3	170.024	158.943	173.447	161.566	184.164	165.207	167.471	7.581	170.312	12.133	0.024	0.75172117
IPI:IPI00294578.1	1,498.473	126.214	-0.005	0.95503678	29	1,559.270	1,533.400	1,522.020	746.214	720.487	781.664	1,538.230	19.089	749.455	30.717	-1.037	0.00001738

IPI:IPI00294603.6	ZMYM2	Similar to Zinc finger MYM-type protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294618.1	PRCC	Proline-rich protein PRCC	4	201.237	242.245	214.685	222.487	183.766	235.146	219.389	20.905
IPI:IPI00294619.2	TFG	Protein TFG	15	793.753	832.515	781.946	833.289	745.174	819.654	802.738	26.455
IPI:IPI00294630.2	ACSS2	acyl-CoA synthetase short-chain family member 2 isoform 2	3	136.608	123.600	132.162	193.213	178.818	186.980	130.790	6.612
IPI:IPI00294680.5	C15orf23	Putative TRAF4-associated factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294701.1	MNAT1	CDK-activating kinase assembly factor MAT1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294739.1	SAMHD1	SAM domain and HD domain-containing protein 1	1	35.651	36.655	32.262	36.450	32.980	35.282	34.856	2.302
IPI:IPI00294742.6	LARP7	La-related protein 7	14	889.052	932.850	898.638	939.692	856.467	925.738	906.847	23.024
IPI:IPI00294744.7	PARN	Poly(A)-specific ribonuclease PARN	4	230.115	211.885	239.978	199.142	239.657	222.061	227.326	14.253
IPI:IPI00294834.6	ASPH	Aspartyl/asparaginyl beta-hydroxylase	27	1,406.480	1,321.160	1,388.990	1,422.530	1,489.630	1,454.150	1,372.210	45.067
IPI:IPI00294839.6	LOXL2;ENTP	Lysyl oxidase homolog 2	7	372.701	363.862	382.468	526.130	506.894	510.764	373.010	9.307
IPI:IPI00294840.6	AIM1	Absent in melanoma 1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00294842.3	MAP4K5	Mitogen-activated protein kinase kinase kinase kinase 5	7	598.876	588.341	584.757	632.847	633.853	648.702	590.658	7.339
IPI:IPI00294879.1	RANGAP1	Ran GTPase-activating protein 1	14	1,014.030	1,118.540	1,016.210	900.948	801.440	898.503	1,049.593	59.720
IPI:IPI00294891.5	NOP2	Putative uncharacterized protein NOP2	10	491.643	478.697	480.559	457.377	424.036	450.464	483.633	6.999
IPI:IPI00294903.3	PMM1	Phosphomannomutase 1	1	4.582	2.730	3.998	4.697	6.996	3.702	3.770	0.947
IPI:IPI00294911.1	SDHB	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	10	729.868	694.087	752.341	689.528	762.741	718.037	725.432	29.379
IPI:IPI00294943.1	ARIH1	Protein ariadne-1 homolog	4	434.512	403.220	436.792	428.680	455.233	439.329	424.841	18.759
IPI:IPI00294955.3	LSM4	U6 snRNA-associated Sm-like protein LSm4	3	218.348	197.797	221.406	203.273	227.230	214.583	212.517	12.839
IPI:IPI00294958.2	LDB3	Isoform 3 of LIM domain-binding protein 3	2	18.640	166.657	11.305	171.224	255.987	17.286	65.534	87.652
IPI:IPI00294962.4	SH3KBP1	Isoform 1 of SH3 domain-containing kinase-binding protein 1	18	1,659.740	1,495.870	1,595.160	1,589.410	1,706.950	1,655.240	1,583.590	82.545
IPI:IPI00294997.3	NME7	Nucleoside diphosphate kinase 7	1	146.029	133.880	146.700	134.022	160.598	149.880	142.203	7.216
IPI:IPI00295022.6	NKTR	NK-tumor recognition protein	1	19.696	17.674	22.680	19.805	18.686	20.503	20.016	2.518
IPI:IPI00295066.4	MRPL48	Isoform 1 of 39S ribosomal protein L48, mitochondrial	3	399.211	508.721	396.063	534.727	387.654	493.538	434.665	64.154
IPI:IPI00295081.1	TUBG1	Tubulin gamma-1 chain	2	74.041	77.795	82.166	85.159	75.263	74.592	78.001	4.066
IPI:IPI00295098.3	SRPRB	Signal recognition particle receptor subunit beta	14	1,123.720	1,130.240	1,136.160	1,306.650	1,264.070	1,280.330	1,130.040	6.222
IPI:IPI00295138.1	CORIN	Atrial natriuretic peptide-converting enzyme	2	109.102	109.654	118.311	99.477	87.819	93.627	112.356	5.165
IPI:IPI00295209.5	SNX5	Sorting nexin-5	7	472.227	443.320	472.827	537.942	577.280	541.047	462.791	16.865
IPI:IPI00295240.6	NFS1	Isoform Mitochondrial of Cysteine desulfurase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00295313.6	MRVI1	JAW1-related protein isoform b	4	171.163	171.419	164.339	170.496	152.504	182.202	168.974	4.016
IPI:IPI00295386.7	CBR1	Carbonyl reductase [NADPH] 1	21	1,443.310	1,480.170	1,476.750	1,559.560	1,656.650	1,595.600	1,466.743	20.366
IPI:IPI00295387.5	CRLF3	Cytokine receptor-like factor 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00295394.2	COX11	Cytochrome c oxidase assembly protein COX11, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00295400.1	WARS	Tryptophanyl-tRNA synthetase, cytoplasmic	14	1,253.760	1,192.190	1,207.290	1,353.650	1,422.350	1,339.300	1,217.747	32.089
IPI:IPI00295427.4	MRPL39	Isoform 1 of 39S ribosomal protein L39, mitochondrial	3	207.815	221.319	209.601	240.937	249.186	246.589	212.912	7.336
IPI:IPI00295461.3	FAP	Isoform 1 of Seprase	8	508.953	626.922	492.126	776.400	624.636	731.200	542.667	73.450
IPI:IPI00295485.1	HSPA4L	Heat shock 70 kDa protein 4L	1	29.986	29.190	34.530	36.748	26.138	22.443	31.235	2.881
IPI:IPI00295503.2	DDX58	Isoform 2 of Probable ATP-dependent RNA helicase DDX58	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00295519.6	C3orf17	Isoform 1 of Uncharacterized protein C3orf17	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00295542.5	NUCB1	Nucleobindin-1	18	1,646.290	1,591.970	1,594.980	1,341.170	1,389.000	1,397.180	1,611.080	30.530
IPI:IPI00295585.2	CGGBP1	CGG triplet repeat-binding protein 1	1	32.225	28.036	34.195	28.554	29.128	24.799	31.485	3.145
IPI:IPI00295598.4	CBARA1	Isoform 3 of Calcium-binding atopy-related autoantigen 1	5	473.094	499.349	474.415	549.819	545.422	572.345	482.286	14.792
IPI:IPI00295741.4	CTSB	Cathepsin B	13	941.440	1,022.190	1,050.330	576.408	543.424	576.151	1,004.653	56.524
IPI:IPI00295772.5	CYP51A1	cytochrome P450, family 51, subfamily A, polypeptide 1 isoform 1	3	146.058	157.233	147.801	316.460	318.023	311.137	150.364	6.012
IPI:IPI00295849.3	RABGGTB	Geranylgeranyl transferase type-2 subunit beta	1	70.033	62.172	69.161	67.900	78.671	60.720	67.122	4.309
IPI:IPI00295851.4	COPB1	Coatomer subunit beta	25	1,529.080	1,517.730	1,513.400	1,621.840	1,645.200	1,651.390	1,520.070	8.098
IPI:IPI00295857.7	COPA	Isoform 1 of Coatomer subunit alpha	19	1,532.800	1,551.360	1,543.030	1,536.990	1,555.120	1,559.510	1,542.397	9.296
IPI:IPI00295889.2	SRP19	Signal recognition particle 19 kDa protein	6	332.831	324.248	341.956	351.084	343.204	358.148	333.012	8.855
IPI:IPI00295940.4	UNC84B	cDNA FLJ55508, highly similar to Sad1/unc-84-like protein 2	2	182.278	164.864	187.058	154.274	163.043	153.013	178.067	11.681
IPI:IPI00295992.4	ATAD3A	Isoform 2 of ATPase family AAA domain-containing protein 3A	6	324.350	315.522	334.292	299.505	306.287	312.227	324.721	9.391
IPI:IPI00296053.3	FH	Isoform Mitochondrial of Fumarate hydratase, mitochondrial	8	584.475	539.106	564.557	508.624	525.347	517.408	562.713	22.741
IPI:IPI00296078.5	TRPS1	Zinc finger transcription factor Trps1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296099.6	THBS1	Thrombospondin-1	25	1,250.230	1,204.760	1,194.360	2,681.260	2,588.250	2,665.130	1,216.450	29.713

IPI:IPI00294603.6	0.000	0.000	n/a	n/a	6	428.521	424.194	427.288	629.504	619.219	634.779	426.668	2.229	627.834	7.913	0.557	0.00021414
IPI:IPI00294618.1	213.800	26.769	-0.037	0.79081435	8	371.282	395.477	373.429	386.196	328.152	374.204	380.063	13.392	362.851	30.642	-0.067	0.44448063
IPI:IPI00294619.2	799.372	47.430	-0.006	0.92143775	17	753.336	764.025	730.670	676.245	626.695	667.326	749.344	17.032	656.755	26.412	-0.190	0.01054703
IPI:IPI00294630.2	186.337	7.219	0.511	0.00062479	2	35.630	37.642	34.163	36.734	38.717	43.373	35.812	1.747	39.608	3.408	0.145	0.18557696
IPI:IPI00294680.5	0.000	0.000	n/a	n/a	4	181.294	199.518	187.087	189.491	170.617	207.205	189.300	9.311	189.104	18.297	-0.001	0.98791969
IPI:IPI00294701.1	0.000	0.000	n/a	n/a	2	21.248	28.293	22.047	32.485	23.180	31.167	23.863	3.858	28.944	5.035	0.279	0.24245813
IPI:IPI00294739.1	34.904	1.766	0.002	0.97848340	5	226.656	260.984	236.921	225.228	213.986	221.264	241.520	17.620	220.159	5.702	-0.134	0.16161034
IPI:IPI00294742.6	907.299	44.571	0.001	0.98889709	12	572.006	578.173	566.434	591.303	568.754	585.619	572.204	5.872	581.892	11.727	0.024	0.29248081
IPI:IPI00294744.7	220.287	20.316	-0.045	0.65175410	23	1,046.760	956.229	1,032.710	1,260.660	1,428.780	1,300.700	1,011.900	48.721	1,330.047	87.818	0.394	0.01070459
IPI:IPI00294834.6	1,455.437	33.568	0.085	0.06737701	36	1,527.880	1,450.260	1,515.650	1,525.410	1,602.270	1,571.490	1,497.930	41.734	1,566.390	38.683	0.064	0.10597978
IPI:IPI00294839.6	514.596	10.174	0.464	0.00006528	4	205.456	237.168	206.321	193.849	175.128	202.988	216.315	18.064	190.655	14.202	-0.182	0.12940281
IPI:IPI00294840.6	0.000	0.000	n/a	n/a	12	749.865	738.496	757.063	738.088	747.192	735.040	748.475	9.361	740.107	6.323	-0.016	0.27814339
IPI:IPI00294842.3	638.467	8.878	0.112	0.00226421	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294879.1	866.964	56.758	-0.276	0.01859809	16	725.733	714.685	748.211	775.578	828.300	795.696	729.543	17.085	799.858	26.606	0.133	0.02457445
IPI:IPI00294891.5	443.959	17.597	-0.123	0.04500317	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294903.3	5.132	1.689	0.445	0.30714341	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294911.1	723.435	36.904	-0.004	0.94667074	13	639.264	612.232	646.921	615.462	642.665	620.400	632.806	18.224	626.176	14.492	-0.015	0.65033297
IPI:IPI00294943.1	441.081	13.363	0.054	0.29582739	8	293.185	286.157	272.656	435.458	389.949	437.156	283.999	10.433	420.854	26.778	0.567	0.00627620
IPI:IPI00294955.3	215.029	11.985	0.017	0.81809827	4	323.634	337.642	311.903	437.204	384.900	412.573	324.393	12.886	411.559	26.167	0.343	0.01500664
IPI:IPI00294958.2	148.166	121.009	1.177	0.39781443	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00294962.4	1,650.533	58.911	0.060	0.32339686	16	692.201	703.680	668.583	773.200	708.219	766.342	688.155	17.895	749.254	35.702	0.123	0.07859296
IPI:IPI00294997.3	148.167	13.371	0.059	0.54436760	1	20.266	22.612	23.404	27.026	22.910	23.767	22.094	1.632	24.568	2.172	0.153	0.19529790
IPI:IPI00295022.6	19.665	0.917	-0.026	0.83759364	2	114.980	136.281	119.923	55.716	58.733	61.720	123.728	11.149	58.723	3.002	-1.075	0.00653235
IPI:IPI00295066.4	471.973	75.871	0.119	0.55202400	5	215.381	207.556	223.773	250.423	241.452	237.058	215.570	8.110	242.978	6.812	0.173	0.01174455
IPI:IPI00295081.1	78.338	5.916	0.006	0.94043675	3	90.520	90.579	93.121	86.722	103.318	96.028	91.407	1.485	95.356	8.318	0.061	0.49896745
IPI:IPI00295098.3	1,283.683	21.487	0.184	0.00386830	21	1,227.400	1,168.100	1,205.480	1,322.250	1,392.670	1,360.360	1,200.327	29.984	1,358.427	35.250	0.179	0.00443452
IPI:IPI00295138.1	93.641	5.829	-0.263	0.01455276	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00295209.5	552.090	21.871	0.255	0.00600587	14	688.754	650.900	694.955	660.865	686.823	661.151	678.203	23.848	669.613	14.905	-0.018	0.62990459
IPI:IPI00295240.6	0.000	0.000	n/a	n/a	4	169.092	168.767	171.402	176.621	169.432	177.106	169.754	1.437	174.386	4.297	0.039	0.19530674
IPI:IPI00295313.6	168.401	14.959	-0.005	0.95462028	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00295386.7	1,603.937	49.079	0.129	0.02669331	13	783.312	816.599	803.135	377.678	383.190	387.183	801.015	16.744	382.684	4.773	-1.066	0.00021861
IPI:IPI00295387.5	0.000	0.000	n/a	n/a	4	126.564	132.813	134.236	177.331	178.549	172.972	131.204	4.081	176.284	2.932	0.426	0.00018832
IPI:IPI00295394.2	0.000	0.000	n/a	n/a	2	36.541	42.768	28.955	50.098	35.739	43.848	36.088	6.918	43.228	7.200	0.260	0.28361567
IPI:IPI00295400.1	1,371.767	44.390	0.172	0.01040892	14	569.183	548.127	575.358	287.988	321.384	295.234	564.223	14.277	301.535	17.567	-0.904	0.00004968
IPI:IPI00295427.4	245.571	4.218	0.206	0.00560353	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00295461.3	710.745	77.922	0.389	0.05328769	4	445.514	499.692	464.507	7.451	7.161	2.548	469.904	27.489	5.720	2.751	-6.360	0.00105767
IPI:IPI00295485.1	28.443	7.426	-0.135	0.59366776	26	948.449	1,022.370	985.618	1,415.520	1,311.440	1,383.600	985.479	36.961	1,370.187	53.321	0.475	0.00090248
IPI:IPI00295503.2	0.000	0.000	n/a	n/a	7	477.175	457.216	484.182	442.142	452.279	442.839	472.858	13.992	445.753	5.662	-0.085	0.06276328
IPI:IPI00295519.6	0.000	0.000	n/a	n/a	3	40.423	43.246	45.134	52.253	48.351	47.580	42.935	2.371	49.395	2.505	0.202	0.03173398
IPI:IPI00295542.5	1,375.783	30.254	-0.228	0.00069860	28	1,186.840	1,107.860	1,164.440	856.204	952.706	893.002	1,153.047	40.704	900.637	48.702	-0.356	0.00261019
IPI:IPI00295585.2	27.494	2.351	-0.196	0.15897133	3	129.910	126.670	141.598	115.263	135.114	124.047	132.726	7.852	124.808	9.947	-0.089	0.34387502
IPI:IPI00295598.4	555.862	14.443	0.205	0.00353698	3	116.660	112.981	114.580	60.325	69.329	65.670	114.740	1.845	65.108	4.528	-0.817	0.00081585
IPI:IPI00295741.4	565.328	18.970	-0.830	0.00268997	30	2,339.840	2,514.600	2,375.940	963.243	925.156	993.352	2,410.127	92.259	960.584	34.176	-1.327	0.00039822
IPI:IPI00295772.5	315.207	3.610	1.068	0.00001552	4	156.153	145.152	165.047	155.718	179.991	159.876	155.451	9.966	165.195	12.981	0.088	0.36530998
IPI:IPI00295849.3	69.097	9.035	0.042	0.75617742	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00295851.4	1,639.477	15.584	0.109	0.00131053	33	1,688.590	1,714.760	1,713.980	1,958.090	1,974.740	1,942.400	1,705.777	14.889	1,958.410	16.172	0.199	0.00004046
IPI:IPI00295857.7	1,550.540	11.938	0.008	0.40773196	31	1,240.510	1,245.750	1,263.520	1,111.160	1,162.750	1,115.070	1,249.927	12.060	1,129.660	28.723	-0.146	0.00960539
IPI:IPI00295889.2	350.812	7.476	0.075	0.05812398	6	191.885	182.863	191.493	272.904	267.702	272.695	188.747	5.099	271.100	2.945	0.522	0.00009831
IPI:IPI00295940.4	156.777	5.463	-0.184	0.06931480	2	102.205	94.340	110.475	51.708	61.223	58.381	102.340	8.068	57.104	4.884	-0.842	0.00256197
IPI:IPI00295992.4	306.006	6.366	-0.086	0.05386960	4	104.723	91.424	102.128	85.267	96.373	90.349	99.425	7.050	90.663	5.559	-0.133	0.17015805
IPI:IPI00296053.3	517.126	8.365	-0.122	0.05998602	33	1,173.400	1,102.770	1,170.310	1,176.610	1,226.210	1,207.010	1,148.827	39.916	1,203.277	25.010	0.067	0.12915843
IPI:IPI00296078.5	0.000	0.000	n/a	n/a	6	237.056	238.604	245.093	274.536	268.986	280.590	240.251	4.264	274.704	5.804	0.193	0.00166645
IPI:IPI00296099.6	2,644.880	49.702	1.121	0.00001337	1	73.442	77.170	79.093	0.269	4.311	4.411	76.568	2.873	2.997	2.363	-4.675	0.00000638

IPI:IPI00296153.7	ZCCHC24	Zinc finger CCHC domain-containing protein 24	1	95.841	98.628	97.785	78.751	81.318	79.664	97.418	1.429
IPI:IPI00296157.6	RETSAT	Isoform 1 of All-trans-retinol 13,14-reductase	3	137.522	140.006	140.764	168.142	166.630	161.038	139.431	1.696
IPI:IPI00296180.3	PLAU	Urokinase-type plasminogen activator	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296190.4	C10orf58	Uncharacterized protein C10orf58	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296191.1	ATP6V1H	Isoform 1 of V-type proton ATPase subunit H	6	177.555	185.980	172.828	210.245	208.560	229.327	178.788	6.662
IPI:IPI00296197.2	SIL1	Nucleotide exchange factor SIL1	2	173.106	140.354	174.145	159.095	177.169	164.911	162.535	19.216
IPI:IPI00296215.2	EPCAM	Tumor-associated calcium signal transducer 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296259.4	TMED4	Isoform 1 of Transmembrane emp24 domain-containing protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296337.2	PRKDC	Isoform 1 of DNA-dependent protein kinase catalytic subunit	52	3,828.800	3,795.640	3,766.190	3,451.100	3,651.730	3,538.650	3,796.877	31.323
IPI:IPI00296353.8	ARHGAP18	Isoform 1 of Rho GTPase-activating protein 18	6	73.617	79.174	72.351	64.030	66.265	65.653	75.048	3.630
IPI:IPI00296360.3	DCLK2	Isoform 3 of Serine/threonine-protein kinase DCLK2	4	99.707	99.590	99.738	81.748	78.915	83.342	99.678	0.078
IPI:IPI00296370.2	LCMT1	Putative uncharacterized protein LCMT1	1	111.990	145.098	108.779	103.535	96.315	117.601	121.956	20.106
IPI:IPI00296388.4	BAZ2A	Isoform 1 of Bromodomain adjacent to zinc finger domain protein 2A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296421.2	EHBP1L1	EH domain-binding protein 1-like protein 1	1	83.647	75.077	90.716	59.954	73.736	67.117	83.146	7.832
IPI:IPI00296432.1	IWS1	Isoform 1 of Protein IWS1 homolog	5	331.944	370.031	325.258	368.970	295.849	364.634	342.411	24.152
IPI:IPI00296441.5	ADA	Adenosine deaminase	3	170.532	171.304	165.843	167.570	173.853	180.791	169.226	2.955
IPI:IPI00296485.6	MAP1S	Microtubule-associated protein 1S	4	221.342	218.586	207.697	170.174	199.494	192.498	215.875	7.215
IPI:IPI00296526.6	NAGK	N-acetylglucosamine kinase	2	160.291	154.845	176.010	192.148	207.431	175.174	163.715	10.990
IPI:IPI00296535.1	HACL1	2-hydroxyacyl-CoA lyase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296563.3	GUF1	GTP-binding protein GUF1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296635.5	GBE1	1,4-alpha-glucan-branching enzyme	10	577.896	574.892	552.446	580.300	583.275	594.574	568.411	13.908
IPI:IPI00296772.4	GGA2	ADP-ribosylation factor-binding protein GGA2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296776.2	CCDC82	Isoform 1 of Coiled-coil domain-containing protein 82	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296830.5	LUZP1	Isoform 1 of Leucine zipper protein 1	12	616.378	576.520	620.477	574.723	603.377	582.938	604.458	24.282
IPI:IPI00296858.4	C1orf103	Isoform 2 of Uncharacterized protein C1orf103	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296863.3	DCTD	Deoxycytidylate deaminase	6	336.528	325.018	326.231	342.641	349.162	353.584	329.259	6.324
IPI:IPI00296869.5	F2R	Proteinase-activated receptor 1	1	16.708	15.587	14.269	48.114	57.840	53.354	15.521	1.221
IPI:IPI00296907.4	ACOX1	Isoform 1 of Peroxisomal acyl-coenzyme A oxidase 1	5	773.675	745.130	728.146	898.785	866.606	913.151	748.984	23.008
IPI:IPI00296909.3	PARP4	Poly [ADP-ribose] polymerase 4	11	620.368	600.245	606.601	731.346	747.150	747.178	609.071	10.286
IPI:IPI00296913.1	NUDT5	ADP-sugar pyrophosphatase	9	658.565	693.503	570.729	836.150	631.295	789.462	640.932	63.258
IPI:IPI00296922.4	LAMB2	Laminin subunit beta-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296927.4	PCTP	Phosphatidylcholine transfer protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296934.3	NKAP	NF-kappa-B-activating protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00296936.3	GLIPR1	Glioma pathogenesis-related protein 1	2	73.478	92.235	76.602	123.980	94.491	109.346	80.772	10.050
IPI:IPI00296938.1	TMEM57	Isoform 1 of Macoilin	1	6.160	7.140	5.972	9.144	6.831	10.743	6.424	0.627
IPI:IPI00296992.7	AXL	Isoform Long of Tyrosine-protein kinase receptor UFO	4	192.136	193.721	200.953	274.425	274.222	255.663	195.603	4.700
IPI:IPI00297037.3	PPAP2A	Isoform 1 of Lipid phosphate phosphohydrolase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297045.5	MKLN1	Isoform 1 of Muskelin	1	52.826	45.934	54.230	46.649	44.668	54.504	50.997	4.440
IPI:IPI00297084.7	DDOST	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	8	623.753	606.077	570.173	736.183	666.328	719.407	600.001	27.302
IPI:IPI00297113.1	TRIM32	Tripartite motif-containing protein 32	3	223.407	207.689	209.496	295.970	318.600	313.632	213.531	8.601
IPI:IPI00297124.2	IL6ST	Isoform 1 of Interleukin-6 receptor subunit beta	3	83.036	84.418	78.384	265.626	238.764	257.031	81.946	3.162
IPI:IPI00297138.2	TGIF1	Isoform 1 of Homeobox protein TGIF1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297151.3	PARP16	Isoform 3 of Poly [ADP-ribose] polymerase 16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297160.4	CD44	Isoform 12 of CD44 antigen	10	1,009.650	1,034.570	1,001.910	1,116.200	1,041.060	1,047.090	1,015.377	17.066
IPI:IPI00297178.6	DHX16	DEAH (Asp-Glu-Ala-His) box polypeptide 16	1	117.689	100.237	112.039	84.635	100.603	91.735	109.988	8.905
IPI:IPI00297191.2	MED14	Mediator of RNA polymerase II transcription subunit 14	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297211.1	SMARCA5	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	4	285.637	306.801	280.186	317.296	297.023	304.970	290.875	14.059
IPI:IPI00297235.6	CCPG1	cDNA FLJ77204	5	114.069	105.535	122.706	209.039	234.216	220.328	114.103	8.586
IPI:IPI00297254.4	SIPA1L3	Signal-induced proliferation-associated 1-like protein 3	1	19.412	17.311	20.225	51.498	59.102	57.298	18.983	1.504
IPI:IPI00297261.3	PTPN1	Tyrosine-protein phosphatase non-receptor type 1	3	141.837	154.678	136.457	166.285	161.851	166.804	144.324	9.362
IPI:IPI00297263.6	HEG1	Isoform 1 of Protein HEG homolog 1	2	76.409	75.142	72.844	106.362	105.416	98.256	74.798	1.807

IPI:IPI00296153.7	79.911	1.301	-0.286	0.00010296	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00296157.6	165.270	3.742	0.245	0.00229651	4	198.359	233.454	197.823	159.817	132.054	154.495	209.879	20.419	148.789	14.735	-0.496	0.01666548
IPI:IPI00296180.3	0.000	0.000	n/a	n/a	7	379.612	419.631	378.018	563.012	484.952	550.681	392.420	23.579	532.882	41.964	0.441	0.01331457
IPI:IPI00296190.4	0.000	0.000	n/a	n/a	4	171.759	159.325	174.222	201.910	230.095	214.393	168.435	7.985	215.466	14.123	0.355	0.01343077
IPI:IPI00296191.1	216.044	11.534	0.273	0.01451114	4	108.210	123.005	114.529	165.043	134.386	147.139	115.248	7.424	148.856	15.400	0.369	0.04501897
IPI:IPI00296197.2	167.058	9.226	0.040	0.73914624	1	44.575	42.019	48.524	45.479	53.449	43.157	45.039	3.277	47.362	5.398	0.073	0.56624707
IPI:IPI00296215.2	0.000	0.000	n/a	n/a	3	72.189	88.637	75.874	91.700	82.940	81.463	78.900	8.631	85.368	5.533	0.114	0.34711105
IPI:IPI00296259.4	0.000	0.000	n/a	n/a	10	224.337	238.458	217.653	288.159	262.272	289.196	226.816	10.622	279.876	15.254	0.303	0.01040244
IPI:IPI00296337.2	3,547.160	100.585	-0.098	0.04010352	83	3,463.230	3,554.010	3,449.280	3,637.840	3,572.020	3,633.090	3,488.840	56.868	3,614.317	36.707	0.051	0.04074333
IPI:IPI00296353.8	65.316	1.155	-0.200	0.03370096	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00296360.3	81.335	2.242	-0.293	0.00490432	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00296370.2	105.817	10.825	-0.205	0.30655483	2	163.547	178.582	162.625	143.688	121.118	143.442	168.251	8.958	136.083	12.960	-0.306	0.02929202
IPI:IPI00296388.4	0.000	0.000	n/a	n/a	4	112.752	110.792	111.184	189.546	194.544	179.775	111.576	1.037	187.955	7.512	0.752	0.00277068
IPI:IPI00296421.2	66.936	6.893	-0.313	0.05569180	10	264.221	255.214	263.554	315.027	344.819	331.624	260.996	5.019	330.490	14.928	0.341	0.00917302
IPI:IPI00296432.1	343.151	41.022	0.003	0.98053373	8	420.048	407.405	447.917	467.719	511.185	485.165	425.123	20.727	488.023	21.873	0.199	0.02260953
IPI:IPI00296441.5	174.071	6.613	0.041	0.33690182	10	420.494	444.571	445.006	507.919	539.792	483.352	436.690	14.028	510.354	28.299	0.225	0.02860257
IPI:IPI00296485.6	187.389	15.313	-0.204	0.06594982	3	105.583	123.860	137.704	88.593	92.581	89.458	122.382	16.111	90.211	2.098	-0.440	0.07207137
IPI:IPI00296526.6	191.584	16.136	0.227	0.07725662	4	162.815	149.873	166.028	107.515	117.887	105.770	159.572	8.552	110.391	6.550	-0.532	0.00180970
IPI:IPI00296535.1	0.000	0.000	n/a	n/a	6	222.127	223.117	217.836	250.542	242.273	251.990	221.027	2.807	248.268	5.242	0.168	0.00389016
IPI:IPI00296563.3	0.000	0.000	n/a	n/a	1	51.199	53.994	46.241	59.802	53.904	60.578	50.478	3.926	58.095	3.650	0.203	0.07024056
IPI:IPI00296635.5	586.050	7.531	0.044	0.14655510	6	345.699	358.814	324.438	136.550	124.528	138.990	342.984	17.348	133.356	7.742	-1.363	0.00050816
IPI:IPI00296772.4	0.000	0.000	n/a	n/a	5	111.728	116.272	117.347	199.426	191.053	210.938	115.116	2.983	200.472	9.984	0.800	0.00246921
IPI:IPI00296776.2	0.000	0.000	n/a	n/a	1	33.999	27.545	33.236	42.684	43.784	41.463	31.593	3.526	42.644	1.161	0.433	0.02336949
IPI:IPI00296830.5	587.013	14.755	-0.042	0.35927708	23	1,072.570	1,093.340	1,054.130	1,077.310	1,024.060	1,058.100	1,073.347	19.617	1,053.157	26.967	-0.027	0.35899664
IPI:IPI00296858.4	0.000	0.000	n/a	n/a	5	274.489	288.571	285.094	251.175	262.200	257.410	282.718	7.336	256.928	5.528	-0.138	0.00992897
IPI:IPI00296863.3	348.462	5.505	0.082	0.01722428	4	165.001	178.416	177.585	135.734	135.509	145.114	173.667	7.517	138.786	5.482	-0.323	0.00393704
IPI:IPI00296869.5	53.102	4.868	1.775	0.00368051	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00296907.4	892.847	23.834	0.253	0.00168223	5	412.641	359.003	402.308	196.679	224.833	204.057	391.317	28.458	208.523	14.599	-0.908	0.00224328
IPI:IPI00296909.3	741.891	9.133	0.285	0.00008705	11	454.904	441.262	462.465	318.154	369.369	323.079	452.877	10.746	336.867	28.255	-0.427	0.01111707
IPI:IPI00296913.1	752.302	107.364	0.231	0.21298307	11	534.725	517.994	512.614	716.288	745.616	732.181	521.778	11.531	731.362	14.681	0.487	0.00006278
IPI:IPI00296922.4	0.000	0.000	n/a	n/a	1	21.400	21.983	20.662	24.477	23.475	28.774	21.348	0.662	25.575	2.815	0.261	0.11466934
IPI:IPI00296927.4	0.000	0.000	n/a	n/a	1	39.020	46.356	41.861	61.770	55.184	58.578	42.412	3.699	58.511	3.294	0.464	0.00509651
IPI:IPI00296934.3	0.000	0.000	n/a	n/a	5	159.663	178.807	160.268	149.914	128.254	145.306	166.246	10.882	141.158	11.410	-0.236	0.05135779
IPI:IPI00296936.3	109.272	14.745	0.436	0.05815905	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00296938.1	8.906	1.967	0.471	0.15109910	5	211.589	201.253	209.988	226.018	238.730	241.826	207.610	5.563	235.525	8.377	0.182	0.01213204
IPI:IPI00296992.7	268.103	10.774	0.455	0.00262224	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00297037.3	0.000	0.000	n/a	n/a	3	12.058	23.684	18.675	6.421	11.771	7.613	18.139	5.832	8.602	2.809	-1.076	0.08729814
IPI:IPI00297045.5	48.607	5.202	-0.069	0.57852156	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00297084.7	707.306	36.466	0.237	0.01762719	5	365.609	355.686	380.380	210.389	236.512	209.301	367.225	12.426	218.734	15.406	-0.747	0.00026264
IPI:IPI00297113.1	309.401	11.894	0.535	0.00057737	3	203.986	209.683	209.350	163.464	153.957	160.350	207.673	3.197	159.257	4.847	-0.383	0.00032532
IPI:IPI00297124.2	253.807	13.718	1.631	0.00135424	1	38.651	40.120	45.805	55.322	76.667	54.249	41.525	3.779	62.079	12.645	0.580	0.09632454
IPI:IPI00297138.2	0.000	0.000	n/a	n/a	2	30.506	31.091	28.333	34.227	34.849	33.319	29.976	1.453	34.132	0.770	0.187	0.02146210
IPI:IPI00297151.3	0.000	0.000	n/a	n/a	1	56.903	57.068	51.248	99.191	93.351	96.299	55.073	3.314	96.280	2.920	0.806	0.00009591
IPI:IPI00297160.4	1,068.117	41.750	0.073	0.14817015	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00297178.6	92.324	8.000	-0.253	0.06364093	4	140.318	131.618	134.247	176.796	193.616	183.361	135.394	4.462	184.591	8.477	0.447	0.00288801
IPI:IPI00297191.2	0.000	0.000	n/a	n/a	3	94.035	80.243	93.196	82.810	97.326	91.205	89.158	7.732	90.447	7.288	0.021	0.84493657
IPI:IPI00297211.1	306.430	10.215	0.075	0.20293734	6	208.028	214.498	202.067	305.041	301.035	327.623	208.198	6.217	311.233	14.335	0.580	0.00221662
IPI:IPI00297235.6	221.194	12.611	0.955	0.00052809	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00297254.4	55.966	3.973	1.560	0.00144324	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00297261.3	164.980	2.722	0.193	0.05286726	11	571.858	555.149	575.111	640.438	689.307	643.710	567.373	10.710	657.818	27.319	0.213	0.01833308
IPI:IPI00297263.6	103.345	4.432	0.466	0.00327008	2	63.919	65.254	57.670	63.362	58.181	68.900	62.281	4.049	63.481	5.360	0.028	0.77510055

IPI:IPI00297288.6	CDGAP	Cdc42 GTPase-activating protein	2	17.638	19.039	16.795	18.528	15.514	22.959	17.824	1.133
IPI:IPI00297322.3	ARFGAP2	ADP-ribosylation factor GTPase-activating protein 2	3	159.842	154.817	159.049	133.206	147.347	150.966	157.903	2.702
IPI:IPI00297333.4	TBC1D24	Isoform 1 of TBC1 domain family member 24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297357.1	PINX1	Isoform 1 of Pin2-interacting protein X1	1	53.979	51.408	54.895	46.787	50.092	51.018	53.427	1.807
IPI:IPI00297455.5	AKAP8L	A-kinase anchor protein 8-like	6	200.776	190.316	205.694	224.113	243.463	222.598	198.929	7.854
IPI:IPI00297473.2	TRAF3	TNF receptor-associated factor 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297477.3	SNRPA1	U2 small nuclear ribonucleoprotein A'	3	251.710	224.626	252.913	175.265	214.529	202.097	243.083	15.996
IPI:IPI00297487.1	CTSH	Cathepsin H	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297492.2	STT3A	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A	3	219.385	228.075	214.803	220.667	218.948	226.428	220.754	6.741
IPI:IPI00297572.5	AQR	Intron-binding protein aquarius	4	309.865	332.258	294.142	285.179	276.729	299.121	312.088	19.155
IPI:IPI00297578.5	FILIP1L	Isoform 1 of Filamin A-interacting protein 1-like	17	741.489	766.943	746.151	459.432	446.308	461.427	751.528	13.552
IPI:IPI00297579.4	CBX3;LOC65	Chromobox protein homolog 3	5	584.437	650.951	619.409	636.720	609.062	655.643	618.266	33.272
IPI:IPI00297593.4	USP34	Isoform 1 of Ubiquitin carboxyl-terminal hydrolase 34	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297626.4	STXBP3	Syntaxin-binding protein 3	11	800.356	844.734	848.523	1,009.560	1,019.160	966.596	831.204	26.783
IPI:IPI00297633.6	ATRX	Isoform 4 of Transcriptional regulator ATRX	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297646.4	COL1A1	Collagen alpha-1(I) chain	72	4,351.540	4,260.320	4,271.630	3,751.950	3,788.790	3,804.890	4,294.497	49.724
IPI:IPI00297655.4	NOTCH2	Neurogenic locus notch homolog protein 2	4	74.736	83.624	84.410	219.258	223.587	214.671	80.923	5.373
IPI:IPI00297714.2	SNCG	Gamma-synuclein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297723.2	RBM6	RNA-binding protein 6	2	33.707	35.785	33.824	29.471	22.510	30.873	34.438	1.167
IPI:IPI00297779.7	CCT2	T-complex protein 1 subunit beta	44	3,131.140	3,236.870	3,226.240	3,145.030	3,073.320	3,095.430	3,198.083	58.218
IPI:IPI00297851.1	CHD1	chromodomain helicase DNA binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297900.4	DDX10	Probable ATP-dependent RNA helicase DDX10	2	48.815	45.890	48.181	47.022	48.792	48.755	47.628	1.539
IPI:IPI00297931.4	AP1GBP1	Isoform 1 of AP1 subunit gamma-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00297982.7	EIF2S3	Eukaryotic translation initiation factor 2 subunit 3	9	549.726	506.750	551.792	564.738	641.076	588.523	536.089	25.430
IPI:IPI00298057.2	PPL	Periplakin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298058.1	SUPT5H	Isoform 1 of Transcription elongation factor SPT5	5	247.497	269.544	243.227	270.693	221.207	266.478	253.423	14.124
IPI:IPI00298111.7	SNX6	sorting nexin 6 isoform b	18	1,281.950	1,201.440	1,263.400	1,365.110	1,493.210	1,415.550	1,248.930	42.160
IPI:IPI00298199.2	RIOK3	Isoform 1 of Serine/threonine-protein kinase RIO3	1	24.603	25.361	20.192	29.646	27.499	29.682	23.385	2.791
IPI:IPI00298214.2	ABCG2	Isoform 1 of ATP-binding cassette sub-family G member 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298267.4	PTGS1	Cyclooxygenase 1b3	10	456.847	551.817	446.389	644.535	486.870	609.371	485.018	58.086
IPI:IPI00298281.4	LAMC1	Laminin subunit gamma-1	25	1,759.360	1,705.020	1,794.350	1,388.620	1,464.100	1,403.180	1,752.910	45.013
IPI:IPI00298292.3	PTK7	cDNA FLJ55335, highly similar to Tyrosine-protein kinase-like 7	19	1,092.260	1,135.760	1,042.840	1,396.120	1,260.600	1,381.270	1,090.287	46.491
IPI:IPI00298306.3	ATM	Serine-protein kinase ATM	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298308.7	ALDH1L2	Isoform 1 of Probable 10-formyltetrahydrofolate dehydrogenase ALDH1L2	45	2,898.440	2,971.320	2,782.160	3,429.310	3,248.280	3,455.290	2,883.973	95.406
IPI:IPI00298347.1	PTPN11	Isoform 2 of Tyrosine-protein phosphatase non-receptor type 11	6	283.430	316.167	290.818	388.668	370.517	375.636	296.805	17.170
IPI:IPI00298423.3	PDHX	Pyruvate dehydrogenase protein X component, mitochondrial	4	161.688	129.483	154.959	150.994	168.894	158.516	148.710	16.988
IPI:IPI00298476.3	GREM1	Isoform 1 of Gremlin-1	5	285.889	241.707	280.249	295.301	324.026	314.401	269.282	24.046
IPI:IPI00298520.4	ARCN1	Coatomer subunit delta variant 2	20	956.656	872.687	950.627	830.373	903.893	848.884	926.657	46.836
IPI:IPI00298535.4	GDPD1	Isoform 1 of Glycerophosphodiester phosphodiesterase domain-containing protein 1	1	3.875	5.984	4.018	7.235	5.230	9.135	4.626	1.178
IPI:IPI00298547.3	PARK7	Protein DJ-1	15	1,195.480	1,116.600	1,242.430	944.245	1,094.010	907.161	1,184.837	63.587
IPI:IPI00298558.2	PDCD10	Programmed cell death protein 10	4	228.942	211.812	218.152	239.063	250.293	243.951	219.635	8.661
IPI:IPI00298618.1	EIF1AD	Probable RNA-binding protein EIF1AD	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298625.2	LYN	Isoform LYN A of Tyrosine-protein kinase Lyn	1	6.724	7.328	10.257	9.339	9.743	8.405	8.103	1.890
IPI:IPI00298731.2	PPP1R10	Serine/threonine-protein phosphatase 1 regulatory subunit 10	1	83.603	83.747	73.290	72.637	67.218	76.476	80.213	5.996
IPI:IPI00298738.3	POLRMT	DNA-directed RNA polymerase, mitochondrial precursor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298788.4	ILF3	Isoform 1 of Interleukin enhancer-binding factor 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298860.6	LTF	cDNA FLJ78440, highly similar to Human lactoferrin	3	115.385	107.523	112.668	321.911	377.664	330.640	111.859	3.993
IPI:IPI00298912.7	CORO2B	coronin, actin binding protein, 2B	2	84.421	94.354	86.363	129.715	111.890	119.673	88.379	5.265
IPI:IPI00298925.2	TAF5	Isoform Long of Transcription initiation factor TFIID subunit 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298928.1	SHOC2	Leucine-rich repeat protein SHOC-2	4	199.513	197.381	210.108	169.934	180.610	176.478	202.334	6.816
IPI:IPI00298935.4	KDM3B	Isoform 1 of Lysine-specific demethylase 3B	2	279.923	300.729	272.603	263.615	232.883	257.890	284.418	14.592

IPI:IPI00297288.6	19.000	3.745	0.092	0.64746986	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00297322.3	143.840	9.385	-0.135	0.11255883	3	41.452	42.704	43.414	49.190	48.247	51.122	42.523	0.993	49.520	1.466	0.220	0.00376718
IPI:IPI00297333.4	0.000	0.000	n/a	n/a	3	102.462	91.000	104.650	170.362	168.370	161.266	99.371	7.331	166.666	4.781	0.746	0.00044324
IPI:IPI00297357.1	49.299	2.224	-0.116	0.06984822	2	98.804	91.616	95.363	83.496	99.087	89.293	95.261	3.595	90.625	7.880	-0.072	0.42720443
IPI:IPI00297455.5	230.058	11.634	0.210	0.02359205	4	102.952	95.568	104.487	129.091	149.269	129.083	101.002	4.768	135.814	11.652	0.427	0.02282835
IPI:IPI00297473.2	0.000	0.000	n/a	n/a	1	14.316	13.869	16.711	17.203	19.548	17.522	14.965	1.528	18.091	1.272	0.274	0.05490734
IPI:IPI00297477.3	197.297	20.067	-0.301	0.03906823	11	387.023	381.641	379.031	516.358	521.602	509.085	382.565	4.075	515.682	6.286	0.431	0.00002614
IPI:IPI00297487.1	0.000	0.000	n/a	n/a	1	53.304	47.881	60.121	48.980	57.228	44.121	53.769	6.134	50.110	6.627	-0.102	0.52406331
IPI:IPI00297492.2	222.014	3.918	0.008	0.79680768	3	167.205	163.306	182.071	67.476	78.000	73.680	170.861	9.902	73.052	5.290	-1.226	0.00057330
IPI:IPI00297572.5	287.010	11.308	-0.121	0.13911524	6	228.040	226.293	228.352	202.951	215.496	208.204	227.562	1.110	208.884	6.300	-0.124	0.03262268
IPI:IPI00297578.5	455.722	8.214	-0.722	0.00003181	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00297579.4	633.808	23.427	0.036	0.54848202	7	403.221	343.233	391.966	376.882	440.937	384.608	379.473	31.886	400.809	34.966	0.079	0.47966483
IPI:IPI00297593.4	0.000	0.000	n/a	n/a	2	11.743	10.825	9.515	10.528	8.378	5.462	10.694	1.120	8.123	2.543	-0.397	0.21557704
IPI:IPI00297626.4	998.439	27.991	0.264	0.00172624	7	429.963	423.847	443.448	554.561	555.645	548.867	432.419	10.029	553.024	3.641	0.355	0.00081098
IPI:IPI00297633.6	0.000	0.000	n/a	n/a	15	655.729	637.633	649.196	746.142	720.386	749.249	647.519	9.164	738.592	15.843	0.190	0.00254475
IPI:IPI00297646.4	3,781.877	27.139	-0.183	0.00047509	11	416.239	431.572	438.349	43.961	64.714	56.206	428.720	11.328	54.960	10.432	-2.964	0.00000239
IPI:IPI00297655.4	219.172	4.459	1.437	0.00000642	4	133.170	132.533	127.169	133.440	139.045	142.812	130.957	3.296	138.432	4.716	0.080	0.09570985
IPI:IPI00297714.2	0.000	0.000	n/a	n/a	2	73.048	80.651	77.542	84.401	81.952	87.628	77.081	3.822	84.660	2.847	0.135	0.05586270
IPI:IPI00297723.2	27.618	4.479	-0.318	0.11058243	9	310.083	328.110	306.576	468.269	414.175	468.778	314.923	11.554	450.407	31.379	0.516	0.01011292
IPI:IPI00297779.7	3,104.593	36.723	-0.043	0.09041483	59	2,670.740	2,526.160	2,626.960	3,003.240	3,137.340	3,022.320	2,607.953	74.140	3,054.300	72.545	0.228	0.00174090
IPI:IPI00297851.1	0.000	0.000	n/a	n/a	12	265.868	295.444	251.080	370.367	342.978	371.499	270.797	22.589	361.615	16.150	0.417	0.00642879
IPI:IPI00297900.4	48.190	1.011	0.017	0.63142820	15	609.819	597.080	608.410	602.252	564.061	581.315	605.103	6.984	582.543	19.125	-0.055	0.17010748
IPI:IPI00297931.4	0.000	0.000	n/a	n/a	4	59.044	60.911	61.502	88.428	73.379	80.087	60.486	1.283	80.631	7.540	0.415	0.04035885
IPI:IPI00297982.7	598.112	39.062	0.158	0.09332903	17	630.812	624.128	700.941	606.039	664.488	583.265	651.960	42.550	617.931	41.897	-0.077	0.38062487
IPI:IPI00298057.2	0.000	0.000	n/a	n/a	92	3,363.890	3,338.690	3,350.830	4,137.980	4,103.960	4,071.520	3,351.137	12.603	4,104.487	33.233	0.293	0.00014761
IPI:IPI00298058.1	252.793	27.435	-0.004	0.97402200	44	1,702.240	1,686.090	1,747.960	1,540.840	1,670.720	1,563.070	1,712.097	32.091	1,591.543	69.464	-0.105	0.07725060
IPI:IPI00298111.7	1,424.623	64.530	0.190	0.02245833	26	1,312.140	1,266.150	1,292.880	968.468	1,045.630	996.702	1,290.390	23.096	1,003.600	39.041	-0.363	0.00113958
IPI:IPI00298199.2	28.942	1.250	0.308	0.05728769	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00298214.2	0.000	0.000	n/a	n/a	2	134.730	125.573	140.148	154.288	171.494	155.617	133.484	7.367	160.466	9.573	0.266	0.02029916
IPI:IPI00298267.4	580.259	82.766	0.259	0.18642115	7	204.335	195.985	212.805	95.377	105.682	102.340	204.375	8.410	101.133	5.257	-1.015	0.00018562
IPI:IPI00298281.4	1,418.633	40.043	-0.305	0.00070834	31	1,253.660	1,277.370	1,240.510	1,194.350	1,192.590	1,199.270	1,257.180	18.680	1,195.403	3.462	-0.073	0.02589404
IPI:IPI00298292.3	1,345.997	74.327	0.304	0.01137236	18	667.897	693.094	690.005	758.825	749.319	772.994	683.665	13.743	760.379	11.914	0.153	0.00201633
IPI:IPI00298306.3	0.000	0.000	n/a	n/a	7	334.203	331.694	340.719	345.187	362.076	355.473	335.539	4.658	354.245	8.511	0.078	0.04239216
IPI:IPI00298308.7	3,377.627	112.768	0.228	0.00482564	8	457.775	464.812	470.048	80.996	92.352	96.185	464.212	6.158	89.844	7.899	-2.369	0.00000076
IPI:IPI00298347.1	378.274	9.359	0.350	0.00496675	14	634.701	626.564	634.651	682.177	743.278	705.696	631.972	4.684	710.384	30.819	0.169	0.04502338
IPI:IPI00298423.3	159.468	8.988	0.101	0.40318084	18	648.478	664.546	655.414	790.834	708.090	735.292	656.146	8.059	744.739	42.173	0.183	0.06320414
IPI:IPI00298476.3	311.243	14.621	0.209	0.07438535	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00298520.4	861.050	38.240	-0.106	0.13642913	27	1,505.130	1,351.920	1,504.000	1,539.450	1,786.300	1,571.430	1,453.683	88.131	1,632.393	134.243	0.167	0.13752902
IPI:IPI00298535.4	7.200	1.953	0.638	0.13785488	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00298547.3	981.805	98.925	-0.271	0.04955505	54	2,010.050	2,099.890	2,087.870	1,704.040	1,740.530	1,720.080	2,065.937	48.771	1,721.550	18.289	-0.263	0.00292854
IPI:IPI00298558.2	244.436	5.631	0.154	0.01939781	2	87.078	81.647	91.400	49.440	58.465	50.020	86.708	4.887	52.642	5.052	-0.720	0.00110955
IPI:IPI00298618.1	0.000	0.000	n/a	n/a	1	11.537	9.308	12.239	9.357	8.501	8.183	11.028	1.531	8.680	0.607	-0.345	0.10292085
IPI:IPI00298625.2	9.163	0.686	0.177	0.44014376	4	106.915	112.725	118.826	117.324	120.759	103.321	112.822	5.956	113.801	9.237	0.012	0.88670300
IPI:IPI00298731.2	72.110	4.652	-0.154	0.14261662	6	516.910	537.811	514.362	376.599	357.887	377.402	523.028	12.866	370.629	11.042	-0.497	0.00011583
IPI:IPI00298738.3	0.000	0.000	n/a	n/a	4	97.765	87.215	103.009	107.991	118.090	106.077	95.996	8.044	110.719	6.455	0.206	0.07189932
IPI:IPI00298788.4	0.000	0.000	n/a	n/a	81	3,528.610	3,756.510	3,615.420	3,093.170	3,104.730	3,088.370	3,633.513	115.022	3,095.423	8.410	-0.231	0.01451869
IPI:IPI00298860.6	343.405	29.988	1.618	0.00492334	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00298912.7	120.426	8.936	0.446	0.01047811	1	47.862	42.418	48.574	8.150	12.483	11.820	46.285	3.367	10.817	2.334	-2.097	0.00024034
IPI:IPI00298925.2	0.000	0.000	n/a	n/a	2	48.891	48.118	45.475	84.343	71.005	75.944	47.494	1.791	77.097	6.744	0.699	0.01241864
IPI:IPI00298928.1	175.674	5.383	-0.204	0.00697355	3	150.856	154.595	144.813	177.478	163.717	174.065	150.088	4.936	171.753	7.166	0.195	0.01619577
IPI:IPI00298935.4	251.463	16.343	-0.178	0.06058398	18	648.868	666.651	669.121	859.018	885.427	884.564	661.547	11.049	876.336	15.004	0.406	0.00007071

IPI:IPI00298940.3	AURKA	Serine/threonine-protein kinase 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00298946.1	DSCR3	Down syndrome critical region protein 3	4	185.919	190.044	193.309	219.587	228.355	223.960	189.757	3.703
IPI:IPI00298949.1	GAK	Cyclin G-associated kinase	6	230.781	266.581	220.081	284.867	229.270	282.211	239.148	24.353
IPI:IPI00298961.3	XPO1	Exportin-1	23	1,340.870	1,371.660	1,371.290	1,318.290	1,419.460	1,354.330	1,361.273	17.671
IPI:IPI00298991.9	KIAA1033	KIAA1033 protein	6	272.901	273.417	281.213	364.052	348.760	355.473	275.844	4.657
IPI:IPI00298994.6	TLN1	Talin-1	164	10,842.300	10,511.000	10,821.400	9,576.170	9,699.940	9,561.140	10,724.900	185.537
IPI:IPI00299000.5	PA2G4	Proliferation-associated protein 2G4	22	1,600.830	1,680.270	1,563.170	1,749.340	1,588.190	1,680.290	1,614.757	59.779
IPI:IPI00299010.4	SPG7	Isoform 1 of Paraplegin	1	33.311	25.193	31.990	34.983	38.433	33.196	30.165	4.356
IPI:IPI00299024.9	BASP1	Brain acid soluble protein 1	17	1,125.320	1,145.600	1,113.810	1,242.660	1,176.280	1,269.220	1,128.243	16.095
IPI:IPI00299033.1	KPNA3	Importin subunit alpha-3	4	406.467	365.225	394.495	368.295	445.369	398.369	388.729	21.217
IPI:IPI00299040.2	PKD2	Polycystin-2	13	718.140	777.009	716.126	894.931	805.899	882.523	737.092	34.584
IPI:IPI00299063.2	STIM1	Stromal interaction molecule 1	5	345.064	364.755	335.814	414.977	366.485	402.053	348.544	14.781
IPI:IPI00299084.1	TMEM33	Transmembrane protein 33	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299086.3	SDCBP	Syntenin-1	3	172.872	154.895	151.438	523.361	505.396	474.410	159.735	11.508
IPI:IPI00299095.2	SNX2	Sorting nexin-2	7	346.744	372.220	350.809	446.083	402.668	443.942	356.591	13.687
IPI:IPI00299116.2	PODXL	Podocalyxin-like protein 1 precursor	1	14.645	17.633	16.986	21.153	19.593	20.974	16.421	1.572
IPI:IPI00299150.4	CTSS	Cathepsin S	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299155.5	PSMA4	Proteasome subunit alpha type-4	18	1,493.920	1,491.790	1,438.220	1,688.120	1,679.320	1,707.890	1,474.643	31.562
IPI:IPI00299166.2	TANK	Isoform Long of TRAF family member-associated NF-kappa-B activator	1	36.043	40.958	37.990	35.512	29.780	34.674	38.330	2.475
IPI:IPI00299193.1	SYNJ2BP	Synaptojanin-2-binding protein	3	299.616	275.806	309.518	312.837	326.678	312.146	294.980	17.328
IPI:IPI00299214.7	TK1	Thymidine kinase, cytosolic	2	120.983	112.021	118.219	36.002	34.416	38.196	117.074	4.589
IPI:IPI00299219.1	CYR61	Protein CYR61	10	214.671	190.900	208.842	877.432	871.024	874.154	204.804	12.389
IPI:IPI00299254.3	EIF5B	Eukaryotic translation initiation factor 5B	36	2,839.300	2,803.300	2,855.620	2,923.230	3,031.200	2,986.980	2,832.740	26.770
IPI:IPI00299263.5	ARFGAP3	ADP-ribosylation factor GTPase-activating protein 3	12	875.497	956.939	864.221	837.033	777.341	873.013	898.886	50.591
IPI:IPI00299299.3	HSPA13	Heat shock 70 kDa protein 13	6	388.116	365.958	398.591	398.540	444.867	423.462	384.222	16.661
IPI:IPI00299301.1	SYNM	Isoform 1 of Synemin	10	362.026	379.004	337.770	360.782	342.844	356.617	359.600	20.724
IPI:IPI00299313.2	UCHL5	Isoform 1 of Ubiquitin carboxyl-terminal hydrolase isozyme L5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299362.6	DTNB	Isoform 1 of Dystrobrevin beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299387.3	C3orf1	Transmembrane protein C3orf1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299402.1	PC	Pyruvate carboxylase, mitochondrial	3	123.604	122.479	136.191	118.210	131.840	120.875	127.425	7.613
IPI:IPI00299412.7	CD97	Isoform 2 of CD97 antigen	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299413.1	GABPA	GA-binding protein alpha chain	1	50.057	56.776	56.637	56.057	52.455	62.897	54.490	3.840
IPI:IPI00299417.3	THOC5	THO complex subunit 5 homolog	1	48.031	43.678	45.868	46.788	48.275	47.118	45.859	2.176
IPI:IPI00299425.3	GPR108	Protein GPR108	1	12.867	13.264	14.096	20.829	22.079	20.573	13.409	0.627
IPI:IPI00299463.1	NBN	Nibrin	3	176.849	180.946	179.120	179.970	161.483	176.418	178.972	2.053
IPI:IPI00299465.8	LZTFL1	Leucine zipper transcription factor-like protein 1	4	181.791	218.311	181.714	275.302	196.028	267.844	193.939	21.107
IPI:IPI00299468.3	SCD	Acyl-CoA desaturase	2	52.821	49.163	50.583	287.115	296.557	280.234	50.855	1.844
IPI:IPI00299507.6	NCAPH	Condensin complex subunit 2	5	306.571	302.908	302.842	268.477	256.615	261.390	304.107	2.134
IPI:IPI00299512.4	NF1	Isoform 2 of Neurofibromin	4	209.987	215.277	219.694	204.132	207.652	225.518	214.986	4.860
IPI:IPI00299517.3	FAM175B	BRISC complex subunit Abro1	3	147.928	168.216	156.531	183.645	147.537	173.091	157.558	10.183
IPI:IPI00299524.1	NCAPD2	Condensin complex subunit 1	3	281.533	320.939	276.483	253.814	240.270	257.560	292.985	24.340
IPI:IPI00299526.7	SUZ12	Polycomb protein SUZ12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299554.3	KIF14	Kinesin-like protein KIF14	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00299571.5	PDIA6	Isoform 2 of Protein disulfide-isomerase A6	13	820.692	857.740	775.398	899.310	817.485	892.323	817.943	41.240
IPI:IPI00299573.1	RPL7A	60S ribosomal protein L7a	23	1,846.380	1,629.750	1,835.080	1,444.760	1,635.130	1,490.450	1,770.403	121.940
IPI:IPI00299588.2	ABI2	ArgBPIB protein	2	255.341	242.228	248.860	233.816	252.753	242.282	248.810	6.557
IPI:IPI00299594.2	NRP1	Isoform 1 of Neuropilin-1	2	15.083	13.591	13.571	60.843	56.346	58.329	14.082	0.868
IPI:IPI00299608.3	PSMD1	Isoform 1 of 26S proteasome non-ATPase regulatory subunit 1	23	1,488.650	1,571.340	1,463.930	1,496.710	1,427.710	1,485.030	1,507.973	56.252
IPI:IPI00299635.7	BIRC6	baculoviral IAP repeat-containing 6	3	101.069	96.354	107.333	102.783	102.202	100.433	101.585	5.508
IPI:IPI00299738.1	PCOLCE	Procollagen C-endopeptidase enhancer 1	5	79.044	78.014	79.608	136.317	133.872	135.592	78.889	0.808
IPI:IPI00299755.2	PIK3C3	Phosphatidylinositol 3-kinase catalytic subunit type 3	5	258.690	248.932	238.564	240.467	231.443	244.730	248.729	10.065
IPI:IPI00299904.3	MCM7	Isoform 1 of DNA replication licensing factor MCM7	4	144.564	130.113	146.828	95.368	102.816	97.661	140.502	9.068
IPI:IPI00299906.4	HIF1AN	cDNA FLJ60091, highly similar to Hypoxia-inducible factor 1 alpha inhibitor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00298940.3	0.000	0.000	n/a	n/a	6	135.904	143.574	143.891	180.756	157.395	172.983	141.123	4.523	170.378	11.896	0.272	0.03766640
IPI:IPI00298946.1	223.967	4.384	0.239	0.00057308	4	381.983	371.046	383.471	373.195	372.563	367.440	378.833	6.785	371.066	3.156	-0.030	0.17569551
IPI:IPI00298949.1	265.449	31.360	0.151	0.31977374	1	80.812	110.681	75.558	90.744	62.710	90.344	89.017	18.945	81.266	16.071	-0.131	0.62063319
IPI:IPI00298961.3	1,364.027	51.277	0.003	0.93738591	15	742.464	757.165	757.011	614.493	616.185	617.462	752.213	8.444	616.047	1.489	-0.288	0.00094959
IPI:IPI00298991.9	356.095	7.665	0.368	0.00034199	3	180.466	175.187	195.910	70.985	78.534	77.993	183.854	10.769	75.837	4.211	-1.278	0.00111513
IPI:IPI00298994.6	9,612.417	76.169	-0.158	0.00390421	168	6,944.440	6,901.700	6,958.440	7,195.080	7,191.190	7,169.320	6,934.860	29.558	7,185.197	13.886	0.051	0.00121449
IPI:IPI00299000.5	1,672.607	80.849	0.051	0.37995919	37	1,456.620	1,428.060	1,416.920	1,523.490	1,514.380	1,497.700	1,433.867	20.477	1,511.857	13.079	0.076	0.00818817
IPI:IPI00299010.4	35.537	2.662	0.236	0.15729913	2	225.747	230.928	228.935	187.940	191.077	187.179	228.537	2.613	188.732	2.066	-0.276	0.00004843
IPI:IPI00299024.9	1,229.387	47.871	0.124	0.05525326	3	162.872	150.495	159.258	174.481	193.233	183.750	157.542	6.365	183.821	9.376	0.223	0.02048720
IPI:IPI00299033.1	404.011	38.846	0.056	0.59091852	3	219.906	191.721	220.484	142.902	166.412	143.827	210.704	16.442	151.047	13.315	-0.480	0.00905743
IPI:IPI00299040.2	861.118	48.222	0.224	0.02657279	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00299063.2	394.505	25.112	0.179	0.06612099	22	595.247	621.012	607.367	792.646	779.205	774.974	607.875	12.890	782.275	9.227	0.364	0.00009188
IPI:IPI00299084.1	0.000	0.000	n/a	n/a	1	74.930	80.633	83.709	23.802	23.725	27.111	79.757	4.455	24.879	1.933	-1.681	0.00051771
IPI:IPI00299086.3	501.056	24.762	1.649	0.00032064	9	314.065	334.078	338.396	323.573	346.956	334.048	328.846	12.982	334.859	11.713	0.026	0.58401962
IPI:IPI00299095.2	430.898	24.471	0.273	0.01758882	15	498.206	460.810	492.597	498.540	535.111	517.693	483.871	20.167	517.115	18.292	0.096	0.10264777
IPI:IPI00299116.2	20.573	0.854	0.325	0.02634695	10	581.448	534.504	569.409	467.658	502.588	494.042	561.787	24.382	488.096	18.208	-0.203	0.01617282
IPI:IPI00299150.4	0.000	0.000	n/a	n/a	2	151.780	167.171	158.690	146.240	132.651	136.220	159.214	7.709	138.370	7.045	-0.202	0.02626273
IPI:IPI00299155.5	1,691.777	14.632	0.198	0.00223944	17	1,203.530	1,299.860	1,217.270	888.560	850.272	875.565	1,240.220	52.105	871.466	19.470	-0.509	0.00292265
IPI:IPI00299166.2	33.322	3.096	-0.202	0.09736129	7	314.175	310.759	295.396	274.187	271.482	272.554	306.777	10.003	272.741	1.362	-0.170	0.02585108
IPI:IPI00299193.1	317.220	8.198	0.105	0.14278217	2	93.169	92.392	84.948	94.150	87.156	80.643	90.170	4.538	87.316	6.755	-0.046	0.58123903
IPI:IPI00299214.7	36.205	1.898	-1.693	0.00022550	6	294.938	280.485	313.963	268.593	268.160	261.235	296.462	16.791	265.996	4.129	-0.156	0.08047852
IPI:IPI00299219.1	874.203	3.204	2.094	0.00004649	21	870.939	888.680	888.553	467.293	455.184	468.575	882.724	10.206	463.684	7.389	-0.929	0.00000206
IPI:IPI00299254.3	2,980.470	54.279	0.073	0.02556597	44	3,020.020	2,891.920	2,979.290	3,420.420	3,562.300	3,470.920	2,963.743	65.450	3,484.547	71.915	0.234	0.00078365
IPI:IPI00299263.5	829.129	48.323	-0.117	0.15941476	7	415.030	575.481	478.275	312.787	326.000	328.131	489.595	80.822	322.306	8.312	-0.603	0.06855251
IPI:IPI00299299.3	422.290	23.186	0.136	0.08880364	4	211.663	195.976	211.375	202.852	238.998	205.495	206.338	8.975	215.782	20.149	0.065	0.51836376
IPI:IPI00299301.1	353.414	9.388	-0.025	0.67242321	18	635.059	665.578	664.564	760.801	787.121	786.779	655.067	17.335	778.234	15.098	0.249	0.00081916
IPI:IPI00299313.2	0.000	0.000	n/a	n/a	8	243.914	247.501	251.942	202.140	193.473	198.027	247.786	4.022	197.880	4.335	-0.324	0.00013251
IPI:IPI00299362.6	0.000	0.000	n/a	n/a	1	38.063	42.592	39.642	58.195	60.151	56.964	40.099	2.299	58.437	1.607	0.543	0.00063208
IPI:IPI00299387.3	0.000	0.000	n/a	n/a	3	141.030	141.558	137.177	219.135	233.336	229.451	139.922	2.392	227.307	7.339	0.700	0.00100170
IPI:IPI00299402.1	123.642	7.224	-0.043	0.56679019	4	190.252	210.142	203.870	197.928	176.442	196.686	201.421	10.169	190.352	12.062	-0.082	0.29312944
IPI:IPI00299412.7	0.000	0.000	n/a	n/a	19	484.153	490.040	491.376	428.163	438.392	438.685	488.523	3.843	435.080	5.992	-0.167	0.00050649
IPI:IPI00299413.1	57.136	5.304	0.068	0.52651244	5	177.985	183.449	186.717	158.827	170.108	158.736	182.717	4.412	162.557	6.540	-0.169	0.01532657
IPI:IPI00299417.3	47.393	0.781	0.047	0.35070581	5	177.949	165.014	181.126	171.486	190.601	177.013	174.696	8.534	179.700	9.837	0.041	0.54288984
IPI:IPI00299425.3	21.161	0.806	0.658	0.00027574	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00299463.1	172.624	9.810	-0.052	0.37943415	25	1,083.400	1,125.870	1,045.200	1,271.790	1,151.260	1,245.860	1,084.823	40.354	1,222.970	63.442	0.173	0.04231183
IPI:IPI00299465.8	246.391	43.775	0.345	0.16232023	7	380.323	359.115	394.924	268.309	287.571	269.247	378.121	18.006	275.042	10.860	-0.459	0.00241816
IPI:IPI00299468.3	287.969	8.195	2.501	0.00022047	3	132.574	141.074	136.223	97.692	91.451	92.575	136.624	4.264	93.906	3.327	-0.541	0.00023513
IPI:IPI00299507.6	262.161	5.968	-0.214	0.00316403	7	370.906	441.118	379.994	575.986	446.240	557.953	397.339	38.185	526.726	70.284	0.407	0.06558995
IPI:IPI00299512.4	212.434	11.467	-0.017	0.74929502	2	121.050	128.886	127.162	146.548	126.077	135.928	125.699	4.118	136.184	10.238	0.116	0.21134080
IPI:IPI00299517.3	168.091	18.566	0.093	0.45085117	4	191.056	215.445	184.770	314.950	284.339	297.435	197.090	16.203	298.908	15.359	0.601	0.00141014
IPI:IPI00299524.1	250.548	9.096	-0.226	0.08013297	5	181.267	200.722	172.329	301.958	246.645	292.552	184.773	14.518	280.385	29.596	0.602	0.01636479
IPI:IPI00299526.7	0.000	0.000	n/a	n/a	5	166.271	164.400	181.259	244.223	250.523	231.040	170.643	9.241	241.929	9.942	0.504	0.00083083
IPI:IPI00299554.3	0.000	0.000	n/a	n/a	3	86.120	98.422	88.937	114.727	111.579	118.072	91.159	6.446	114.793	3.247	0.333	0.01134499
IPI:IPI00299571.5	869.706	45.359	0.089	0.21822709	21	984.216	1,003.900	993.586	993.161	1,047.270	1,003.060	993.901	9.846	1,014.497	28.811	0.030	0.34235865
IPI:IPI00299573.1	1,523.447	99.382	-0.217	0.05540436	10	457.644	443.091	470.446	573.963	601.860	568.172	457.060	13.687	581.332	18.012	0.347	0.00094701
IPI:IPI00299588.2	242.950	9.486	-0.034	0.43437282	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00299594.2	58.506	2.254	2.055	0.00020388	2	19.619	24.522	19.658	24.777	21.883	26.309	21.267	2.820	24.323	2.248	0.194	0.21968587
IPI:IPI00299608.3	1,469.817	36.930	-0.037	0.38985417	27	1,535.430	1,489.570	1,477.440	1,619.790	1,566.010	1,603.860	1,500.813	30.586	1,596.553	27.624	0.089	0.01616989
IPI:IPI00299635.7	101.806	1.224	0.003	0.95187809	5	115.787	106.691	121.276	163.506	165.183	174.446	114.585	7.366	167.712	5.892	0.550	0.00077951
IPI:IPI00299738.1	135.260	1.256	0.778	0.00000258	2	57.536	59.293	64.663	1.136	3.339	4.251	60.497	3.713	2.908	1.602	-4.379	0.00028107
IPI:IPI00299755.2	238.880	6.784	-0.058	0.24221590	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00299904.3	98.615	3.814	-0.511	0.00743187	8	361.565	450.834	365.608	431.276	337.069	397.883	392.669	50.413	388.743	47.764	-0.014	0.93095129
IPI:IPI00299906.4	0.000	0.000	n/a	n/a	3	50.368	58.030	58.210	84.778	77.375	75.367	55.536	4.477	79.173	4.956	0.512	0.00371789

IPI:IPI00299977.1	PHPT1	14 kDa phosphohistidine phosphatase	4	149.550	128.371	142.497	154.546	154.621	157.660	140.139	10.785
IPI:IPI00300060.4	WDR70	WD repeat-containing protein 70	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00300074.3	FARSB	Phenylalanyl-tRNA synthetase beta chain	15	1,097.970	1,120.450	1,100.420	1,088.220	1,106.400	1,119.520	1,106.280	12.333
IPI:IPI00300078.6	PWP2	Periodic tryptophan protein 2 homolog	3	155.949	142.304	160.311	124.385	144.409	136.356	152.855	9.394
IPI:IPI00300086.3	QPRT	Nicotinate-nucleotide pyrophosphorylase [carboxylating]	1	126.746	104.433	128.425	161.995	205.370	160.806	119.868	13.393
IPI:IPI00300094.6	LSG1	Large subunit GTPase 1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00300096.4	RAB35	Ras-related protein Rab-35	2	103.659	99.475	100.936	104.395	106.901	108.069	101.357	2.124
IPI:IPI00300127.3	NAT10	N-acetyltransferase 10	3	192.154	191.494	196.174	198.895	185.994	199.821	193.274	2.533
IPI:IPI00300299.6	SPCS3	Signal peptidase complex subunit 3	5	291.821	325.488	291.307	371.541	326.516	363.015	302.872	19.588
IPI:IPI00300333.4	PAF1	Isoform 1 of RNA polymerase II-associated factor 1 homolog	4	343.456	300.254	299.492	241.488	201.806	229.478	314.401	25.166
IPI:IPI00300341.5	TCEB1	Transcription elongation factor B polypeptide 1	2	35.597	35.206	30.612	34.709	33.121	33.047	33.805	2.772
IPI:IPI00300371.5	SF3B3	Isoform 1 of Splicing factor 3B subunit 3	9	427.014	481.544	457.856	430.325	365.819	404.471	455.471	27.343
IPI:IPI00300384.3	ERBB2	Receptor tyrosine-protein kinase erbB-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00300407.4	SDC2	Syndecan-2	6	209.100	217.924	229.566	449.809	457.589	390.985	218.863	10.265
IPI:IPI00300504.5	UPF2	Isoform 1 of Regulator of nonsense transcripts 2	2	86.805	84.601	94.999	90.357	99.117	93.701	88.802	5.479
IPI:IPI00300562.2	RAB3B	Ras-related protein Rab-3B	14	519.741	559.276	521.780	672.380	605.512	668.776	533.599	22.260
IPI:IPI00300567.1	DCI	Isoform 1 of 3,2-trans-enoyl-CoA isomerase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00300584.1	EPN3	Isoform 1 of Epsin-3	1	63.953	57.689	50.788	57.073	54.849	52.546	57.477	6.585
IPI:IPI00300585.4	RRAGC	Ras-related GTP-binding protein C	5	164.714	172.284	164.013	294.452	247.296	291.655	167.004	4.586
IPI:IPI00300599.3	CTSK	Cathepsin K	1	4.470	8.088	8.314	3.867	3.123	3.467	6.957	2.157
IPI:IPI00300621.1	SYNJ2	Isoform 2B2 of Synaptojanin-2	8	664.526	673.424	678.524	693.513	691.327	687.281	672.158	7.084
IPI:IPI00300631.3	SAFB	Scaffold attachment factor B1	15	1,177.850	1,174.060	1,151.570	1,169.280	1,125.230	1,172.600	1,167.827	14.206
IPI:IPI00300659.4	CDC73	Parafibromin	2	113.257	101.507	114.180	99.475	115.258	114.363	109.648	7.065
IPI:IPI00300697.1	VPS11	Vacuolar protein sorting-associated protein 11 homolog	3	171.226	164.487	181.584	168.955	194.463	172.440	172.432	8.612
IPI:IPI00300952.3	PPIL3	Isoform 1 of Peptidyl-prolyl cis-trans isomerase-like 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00300990.5	C1orf77	Isoform 1 of Uncharacterized protein C1orf77	2	66.495	85.885	63.830	90.024	60.299	78.533	72.070	12.038
IPI:IPI00301021.3	SSR1	Isoform 1 of Translocon-associated protein subunit alpha	8	279.254	266.559	275.866	293.132	306.145	306.474	273.893	6.573
IPI:IPI00301023.5	PALM	Isoform 1 of Paralemmin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301034.2	NADK	Putative uncharacterized protein NADK	1	34.605	34.454	35.311	37.205	36.057	36.647	34.790	0.457
IPI:IPI00301051.3	NHLRC2	Isoform 1 of NHL repeat-containing protein 2	5	102.865	93.266	113.416	99.857	110.613	98.676	103.182	10.079
IPI:IPI00301058.5	VASP	Vasodilator-stimulated phosphoprotein	12	734.382	693.077	815.006	527.571	705.406	652.620	747.488	62.012
IPI:IPI00301100.3	SLC43A3	cDNA FLJ54531, highly similar to Homo sapiens solute carrier family 43, member 3 (SLC43A3), mRNA	1	5.370	7.762	5.996	5.874	9.593	7.994	6.376	1.240
IPI:IPI00301107.7	IPO11	Importin-11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301109.4	PPA2	Isoform 1 of Inorganic pyrophosphatase 2, mitochondrial	13	1,244.640	1,150.960	1,235.720	1,360.600	1,449.520	1,389.840	1,210.440	51.704
IPI:IPI00301139.5	MED17	Isoform 1 of Mediator of RNA polymerase II transcription subunit 17	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301163.1	KTELC1	KTEL motif-containing protein 1	2	178.316	167.626	184.222	206.646	223.617	218.915	176.721	8.412
IPI:IPI00301202.9	MAGT1	magnesium transporter 1	4	357.947	349.854	344.050	410.785	402.522	410.993	350.617	6.980
IPI:IPI00301204.2	RDH13	Retinol dehydrogenase 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301216.6	TBC1D13	TBC1 domain family member 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301224.2	TMLHE	Isoform 1 of Trimethyllysine dioxygenase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301227.2	TTC13	Isoform 1 of Tetratricopeptide repeat protein 13	2	47.261	54.250	44.082	49.663	49.813	52.407	48.531	5.202
IPI:IPI00301239.2	PVRL3	cDNA FLJ90624 fis, clone PLACE1002911, weakly similar to POLIOVIRUS RECEPTOR HOMOLOG	1	44.595	42.866	47.378	86.028	105.955	83.715	44.946	2.277
IPI:IPI00301252.2	THOC6	Isoform 3 of THO complex subunit 6 homolog	1	46.643	38.664	45.554	44.861	55.298	40.137	43.620	4.327
IPI:IPI00301263.2	CAD	CAD protein	8	595.049	593.480	591.837	503.899	503.431	506.646	593.455	1.606
IPI:IPI00301280.2	TMEM43	Transmembrane protein 43	5	542.580	623.600	536.923	668.685	596.149	611.719	567.701	48.493
IPI:IPI00301294.2	FAM134A	Protein FAM134A	2	84.000	89.783	90.960	127.667	112.158	124.688	88.248	3.725
IPI:IPI00301305.4	UBAP1	cDNA FLJ56416, highly similar to Ubiquitin-associated protein 1	1	67.451	64.809	74.495	66.985	75.249	69.574	68.918	5.007
IPI:IPI00301311.1	SET	Isoform 2 of Protein SET	1	84.328	79.651	83.344	77.030	88.066	78.042	82.441	2.466
IPI:IPI00301323.1	DDX18	ATP-dependent RNA helicase DDX18	13	819.562	805.653	822.456	779.526	793.586	795.804	815.890	8.983
IPI:IPI00301346.3	POLR3B	DNA-directed RNA polymerase III subunit RPC2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301364.3	SKP1	Isoform 1 of S-phase kinase-associated protein 1	13	736.790	698.901	731.443	604.616	649.022	621.492	722.378	20.507

IPI:IPI00299977.1	155.609	1.777	0.151	0.12770037	19	711.764	815.095	735.238	961.992	904.396	983.038	754.032	54.169	949.809	40.712	0.333	0.00906017
IPI:IPI00300060.4	0.000	0.000	n/a	n/a	9	369.888	356.721	381.816	426.176	431.995	427.054	369.475	12.553	428.408	3.137	0.214	0.01108701
IPI:IPI00300074.3	1,104.713	15.718	-0.002	0.89949058	23	1,397.420	1,490.720	1,398.770	1,352.200	1,239.680	1,338.020	1,428.970	53.481	1,309.967	61.282	-0.125	0.06551626
IPI:IPI00300078.6	135.050	10.076	-0.179	0.08908491	1	78.059	75.458	69.529	63.009	61.890	62.881	74.348	4.372	62.593	0.613	-0.248	0.04084421
IPI:IPI00300086.3	176.057	25.393	0.555	0.04209572	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00300094.6	0.000	0.000	n/a	n/a	8	195.572	185.636	185.486	196.877	206.623	196.791	188.898	5.780	200.097	5.652	0.083	0.07452260
IPI:IPI00300096.4	106.455	1.877	0.071	0.03647706	4	140.251	131.504	142.637	182.154	189.380	175.140	138.131	5.862	182.225	7.120	0.400	0.00136142
IPI:IPI00300127.3	194.903	7.730	0.012	0.75679261	19	787.215	756.964	787.690	826.364	799.314	788.549	777.290	17.604	804.742	19.483	0.050	0.14519940
IPI:IPI00300299.6	353.691	23.917	0.224	0.04883154	4	346.176	299.875	358.397	313.621	370.012	318.216	334.816	30.871	333.950	31.315	-0.004	0.97579052
IPI:IPI00300333.4	224.257	20.350	-0.487	0.00948169	24	1,003.510	944.735	974.414	1,433.870	1,361.150	1,374.550	974.220	29.388	1,389.857	38.701	0.513	0.00018873
IPI:IPI00300341.5	33.626	0.939	-0.008	0.92519217	8	411.126	446.651	444.068	464.801	488.443	470.439	433.948	19.807	474.561	12.348	0.129	0.04951735
IPI:IPI00300371.5	400.205	32.464	-0.187	0.08908264	17	673.685	725.944	635.180	916.125	733.425	844.336	678.270	45.555	831.295	92.045	0.294	0.08386798
IPI:IPI00300384.3	0.000	0.000	n/a	n/a	1	16.214	19.125	20.803	32.941	28.193	32.288	18.714	2.322	31.141	2.574	0.735	0.00356511
IPI:IPI00300407.4	432.794	36.416	0.984	0.00622542	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00300504.5	94.391	4.421	0.088	0.24431023	2	80.260	73.204	84.068	98.092	116.361	98.438	79.177	5.513	104.297	10.449	0.398	0.03405905
IPI:IPI00300562.2	648.889	37.609	0.282	0.01676082	1	60.146	74.043	65.086	11.489	14.266	11.718	66.425	7.045	12.491	1.542	-2.411	0.00411961
IPI:IPI00300567.1	0.000	0.000	n/a	n/a	3	156.365	150.397	163.380	124.507	136.961	126.240	156.714	6.499	129.236	6.746	-0.278	0.00710328
IPI:IPI00300584.1	54.823	2.263	-0.068	0.56557312	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00300585.4	277.801	26.455	0.734	0.01625277	4	128.300	125.832	136.173	108.309	104.719	109.970	130.102	5.401	107.666	2.684	-0.273	0.00814197
IPI:IPI00300599.3	3.486	0.372	-0.997	0.10424787	5	185.373	192.409	182.678	4.422	10.730	6.316	186.820	5.024	7.156	3.237	-4.706	0.00000463
IPI:IPI00300621.1	690.707	3.162	0.039	0.02986788	4	163.700	164.804	171.141	166.008	173.444	164.473	166.548	4.015	167.975	4.798	0.012	0.71429583
IPI:IPI00300631.3	1,155.703	26.443	-0.015	0.53383694	15	822.970	797.262	817.708	575.652	612.920	606.093	812.647	13.581	598.222	19.842	-0.442	0.00022748
IPI:IPI00300659.4	109.699	8.865	0.001	0.99478996	19	545.719	547.264	555.584	754.085	758.458	736.081	549.522	5.306	749.541	11.860	0.448	0.00020307
IPI:IPI00300697.1	178.619	13.831	0.051	0.55373840	6	123.829	139.424	133.128	131.888	128.791	128.624	132.127	7.846	129.768	1.838	-0.026	0.65989315
IPI:IPI00300952.3	0.000	0.000	n/a	n/a	5	272.255	232.042	287.012	343.969	423.174	341.490	263.770	28.450	369.544	46.461	0.486	0.03758101
IPI:IPI00300990.5	76.286	14.989	0.082	0.72640153	5	192.795	201.352	193.828	166.249	150.427	154.519	195.992	4.671	157.065	8.213	-0.319	0.00471179
IPI:IPI00301021.3	301.917	7.610	0.141	0.00894014	5	171.480	158.964	179.609	77.343	89.329	82.236	170.018	10.400	82.969	6.026	-1.035	0.00078286
IPI:IPI00301023.5	0.000	0.000	n/a	n/a	2	49.413	43.662	46.842	33.626	35.341	34.855	46.639	2.881	34.607	0.884	-0.430	0.01267202
IPI:IPI00301034.2	36.636	0.574	0.075	0.01347791	1	49.937	50.996	38.053	110.561	82.508	123.730	46.329	7.186	105.600	21.054	1.189	0.02919072
IPI:IPI00301051.3	103.049	6.578	-0.002	0.98642038	8	186.054	195.449	192.621	214.517	226.240	205.731	191.375	4.820	215.496	10.289	0.171	0.03824225
IPI:IPI00301058.5	628.532	91.332	-0.250	0.14511085	12	367.293	331.125	351.128	313.907	324.133	316.505	349.849	18.118	318.182	5.315	-0.137	0.08386624
IPI:IPI00301100.3	7.820	1.866	0.295	0.33533492	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00301107.7	0.000	0.000	n/a	n/a	2	61.979	58.444	63.753	72.023	69.205	74.646	61.392	2.702	71.958	2.721	0.229	0.00883163
IPI:IPI00301109.4	1,399.987	45.320	0.210	0.00919584	31	2,139.490	2,107.110	2,077.090	1,953.080	2,098.770	1,984.800	2,107.897	31.207	2,012.217	76.617	-0.067	0.15127096
IPI:IPI00301139.5	0.000	0.000	n/a	n/a	2	74.151	97.581	84.664	129.071	98.247	115.513	85.465	11.735	114.277	15.449	0.419	0.06624209
IPI:IPI00301163.1	216.393	8.762	0.292	0.00484610	1	20.654	16.069	19.934	5.825	11.262	9.200	18.886	2.466	8.763	2.745	-1.108	0.00921907
IPI:IPI00301202.9	408.100	4.832	0.219	0.00057132	1	73.046	62.850	67.459	75.163	95.278	77.015	67.785	5.106	82.485	11.117	0.283	0.13508683
IPI:IPI00301204.2	0.000	0.000	n/a	n/a	4	90.118	89.987	88.647	99.830	105.688	103.616	89.584	0.814	103.045	2.970	0.202	0.01134976
IPI:IPI00301216.6	0.000	0.000	n/a	n/a	2	49.446	56.303	51.370	78.612	74.844	76.431	52.373	3.537	76.629	1.892	0.549	0.00172008
IPI:IPI00301224.2	0.000	0.000	n/a	n/a	2	104.096	102.387	101.590	119.845	110.314	113.906	102.691	1.280	114.688	4.813	0.159	0.04196690
IPI:IPI00301227.2	50.628	1.543	0.061	0.56313057	1	27.846	28.563	22.567	29.191	21.185	32.247	26.325	3.274	27.541	5.713	0.065	0.77038916
IPI:IPI00301239.2	91.899	12.227	1.032	0.01905822	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00301252.2	46.765	7.758	0.100	0.58228532	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00301263.2	504.659	1.737	-0.234	0.00000065	25	678.917	725.968	720.601	841.640	803.104	836.522	708.495	25.756	827.089	20.928	0.223	0.00396513
IPI:IPI00301280.2	625.518	38.186	0.140	0.18438541	2	198.940	195.068	206.507	91.999	87.329	91.945	200.172	5.818	90.424	2.681	-1.146	0.00013522
IPI:IPI00301294.2	121.504	8.230	0.461	0.00972531	1	3.654	2.916	4.536	0.000	0.010	0.000	3.702	0.811	0.003	0.005	-10.189	0.01566428
IPI:IPI00301305.4	70.602	4.227	0.035	0.68170085	2	56.332	54.274	61.503	64.185	74.862	71.891	57.370	3.724	70.313	5.511	0.293	0.03426898
IPI:IPI00301311.1	81.046	6.101	-0.025	0.74178790	29	929.190	892.440	945.972	879.981	971.514	905.263	922.534	27.380	918.919	47.270	-0.006	0.91564128
IPI:IPI00301323.1	789.639	8.828	-0.047	0.02257079	7	223.224	195.563	217.044	255.152	283.262	252.489	211.944	14.519	263.634	17.050	0.315	0.01698459
IPI:IPI00301346.3	0.000	0.000	n/a	n/a	1	22.101	21.009	22.367	34.129	29.090	34.281	21.825	0.720	32.500	2.954	0.574	0.01975844
IPI:IPI00301364.3	625.043	22.415	-0.209	0.00530564	37	1,656.560	1,674.670	1,604.420	1,703.880	1,608.620	1,728.160	1,645.217	36.473	1,680.220	63.185	0.030	0.46462106

IPI:IPI00301419.2	COPS7A	COP9 signalosome complex subunit 7a	3	104.026	106.466	100.413	110.548	111.939	110.470	103.635	3.045
IPI:IPI00301421.5	ZC3HC1	Isoform 1 of Nuclear-interacting partner of ALK	2	81.399	79.928	78.597	91.712	88.682	95.160	79.975	1.402
IPI:IPI00301428.7	ATP5SL	cDNA FLJ60315	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301434.4	BOLA2;BOLA	BolA-like protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301459.2	PLA2G15	1-O-acylceramide synthase	1	13.097	9.776	12.420	7.204	8.742	9.834	11.764	1.755
IPI:IPI00301465.4	HJURP	Isoform 1 of Holliday junction recognition protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301489.3	UROD	Uroporphyrinogen decarboxylase	3	19.082	21.612	23.400	23.206	27.563	23.470	21.365	2.170
IPI:IPI00301518.6	MOBKL1B	Isoform 1 of Mps one binder kinase activator-like 1B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301561.1	TRIP6	Thyroid receptor-interacting protein 6	1	21.028	14.396	16.757	21.834	19.675	21.517	17.394	3.362
IPI:IPI00301579.4	NPC2	cDNA FLJ59142, highly similar to Epididymal secretory protein E1	9	622.519	570.415	622.454	581.600	664.928	601.911	605.129	30.064
IPI:IPI00301609.8	NEK9	Serine/threonine-protein kinase Nek9	7	365.662	374.727	386.038	398.892	414.328	404.035	375.476	10.209
IPI:IPI00301610.9	TSC22D1	Isoform 1 of TSC22 domain family protein 1	1	77.126	78.394	70.469	96.827	90.011	95.690	75.330	4.257
IPI:IPI00301618.6	SDCCAG1	Isoform 1 of Serologically defined colon cancer antigen 1	6	372.484	350.000	364.765	355.411	392.801	371.587	362.416	11.425
IPI:IPI00301631.5	TOR3A	Isoform 1 of Torsin-3A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00301647.4	GLE1	Isoform 1 of Nucleoporin GLE1	1	24.060	27.083	23.287	32.287	23.403	30.831	24.810	2.006
IPI:IPI00301689.7	PPFIBP2	Liprin-beta-2	1	74.873	86.076	77.563	94.296	71.924	94.168	79.504	5.848
IPI:IPI00301922.2	PAPD5	Isoform 1 of PAP-associated domain-containing protein 5	1	104.424	139.793	97.109	153.312	85.546	132.687	113.775	22.827
IPI:IPI00301923.4	CDK9	Isoform 1 of Cell division protein kinase 9	2	18.059	16.879	19.303	16.305	22.278	16.312	18.080	1.212
IPI:IPI00301936.4	ELAVL1	cDNA FLJ60076, highly similar to ELAV-like protein 1	8	448.017	490.615	431.599	468.755	429.826	468.324	456.744	30.460
IPI:IPI00301994.6	FAHD2B	Fumarylacetoacetate hydrolase domain-containing protein 2B	5	372.835	399.936	397.204	449.898	446.098	434.691	389.992	14.921
IPI:IPI00302028.1	CDC37L1	Hsp90 co-chaperone Cdc37-like 1	2	87.191	111.391	86.603	110.711	84.942	114.041	95.062	14.145
IPI:IPI00302030.2	RAB30	Ras-related protein Rab-30	2	94.053	103.550	95.999	155.738	149.438	155.889	97.867	5.017
IPI:IPI00302149.2	PHC3	polyhomeotic like 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00302176.5	GAR1	Isoform 1 of H/ACA ribonucleoprotein complex subunit 1	4	124.129	164.387	123.331	181.799	123.505	174.474	137.282	23.477
IPI:IPI00302238.3	AATF	Protein AATF	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00302281.1	DDX56	Probable ATP-dependent RNA helicase DDX56	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00302309.5	TTC17	TTC17 protein	1	0.000	0.001	0.000	2.065	0.000	0.003	0.000	0.000
IPI:IPI00302436.6	HDHD1A	haloacid dehalogenase-like hydrolase domain containing 1A isoform b	3	221.780	213.331	228.279	241.706	233.654	253.301	221.130	7.495
IPI:IPI00302458.1	XPO7	Exportin-7	4	212.009	221.361	216.411	183.368	189.410	185.106	216.594	4.679
IPI:IPI00302592.2	FLNA	Isoform 2 of Filamin-A	490	31,181.700	31,307.300	31,360.100	29,690.400	29,481.100	28,599.800	31,283.033	91.642
IPI:IPI00302647.4	CC2D1A	Isoform 1 of Coiled-coil and C2 domain-containing protein 1A	1	60.757	59.988	59.348	38.819	36.170	37.433	60.031	0.706
IPI:IPI00302658.6	HAUS4	Isoform 1 of Uncharacterized protein C14orf94	1	30.212	32.086	34.642	27.527	27.937	25.552	32.313	2.223
IPI:IPI00302660.4	VPS37A	Isoform 1 of Vacuolar protein sorting-associated protein 37A	4	208.794	219.765	208.988	205.672	217.154	212.253	212.516	6.279
IPI:IPI00302673.3	ATPAF1	ATP synthase mitochondrial F1 complex assembly factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00302674.3	CCDC134	Coiled-coil domain-containing protein 134	1	76.057	101.564	79.733	87.981	76.495	85.980	85.785	13.788
IPI:IPI00302688.7	ECHDC1	Isoform 1 of Enoyl-CoA hydratase domain-containing protein 1	4	263.789	269.598	260.553	319.204	323.441	336.760	264.647	4.583
IPI:IPI00302690.5	ACTR10	Actin-related protein 10	8	266.420	267.518	261.706	273.486	258.269	289.175	265.215	3.088
IPI:IPI00302740.8	RPS4Y1;LOC	40S ribosomal protein S4, Y isoform 1	3	147.494	168.821	147.578	144.617	126.443	147.690	154.631	12.289
IPI:IPI00302829.5	RB1	Retinoblastoma-associated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00302840.2	ATP1A3	Sodium/potassium-transporting ATPase subunit alpha-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00302917.5	ARID4B	Isoform 2 of AT-rich interactive domain-containing protein 4B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00302925.4	CCT8	59 kDa protein	47	3,225.380	3,153.800	3,171.450	3,327.950	3,405.030	3,421.820	3,183.543	37.291
IPI:IPI00302927.6	ILK-2;CCT4	T-complex protein 1 subunit delta	32	1,906.120	1,978.950	2,002.060	1,831.810	1,816.450	1,783.040	1,962.377	50.071
IPI:IPI00302944.3	COL12A1	Isoform 4 of Collagen alpha-1(XII) chain	30	1,416.890	1,529.040	1,403.490	2,255.160	2,133.340	2,277.750	1,449.807	68.944
IPI:IPI00302990.3	WDR55	Isoform 1 of WD repeat-containing protein 55	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00303053.6	EIF2AK3	eukaryotic translation initiation factor 2-alpha kinase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00303105.3	SUMO1	Small ubiquitin-related modifier 1	2	143.881	164.362	148.756	164.489	118.351	138.267	152.333	10.699
IPI:IPI00303158.3	CMAS	Isoform 1 of N-acylneuraminate cytidylyltransferase	3	173.557	171.460	175.528	190.792	189.960	196.804	173.515	2.034
IPI:IPI00303207.3	ABCE1	ATP-binding cassette sub-family E member 1	14	742.252	665.251	685.848	777.074	744.462	767.855	697.784	39.864
IPI:IPI00303253.6	C10orf32	hypothetical protein LOC119032	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00303258.3	LMCD1	LIM and cysteine-rich domains protein 1	19	989.749	1,039.250	1,063.990	1,177.040	1,174.510	1,093.680	1,030.996	37.802
IPI:IPI00303280.4	MPP6	MAGUK p55 subfamily member 6	1	58.571	51.971	54.541	48.586	56.657	54.662	55.028	3.327
IPI:IPI00303292.1	KPNA1	Importin subunit alpha-1	9	545.120	525.888	532.010	521.145	575.161	555.937	534.339	9.825

IPI:IPI00301419.2	110.986	0.827	0.099	0.04459565	4	102.721	92.144	107.020	83.859	102.247	84.751	100.628	7.656	90.286	10.369	-0.156	0.24271221
IPI:IPI00301421.5	91.851	3.241	0.200	0.01317520	2	117.428	109.020	115.695	129.357	129.617	128.200	114.048	4.439	129.058	0.754	0.178	0.02520950
IPI:IPI00301428.7	0.000	0.000	n/a	n/a	1	50.389	51.724	45.828	62.276	53.643	63.217	49.313	3.092	59.712	5.277	0.276	0.05512527
IPI:IPI00301434.4	0.000	0.000	n/a	n/a	4	215.051	183.049	202.931	364.157	397.218	379.859	200.344	16.157	380.411	16.537	0.925	0.00017705
IPI:IPI00301459.2	8.593	1.322	-0.453	0.07175814	1	67.070	76.773	68.700	67.672	59.646	65.048	70.847	5.196	64.122	4.092	-0.144	0.15750386
IPI:IPI00301465.4	0.000	0.000	n/a	n/a	6	269.859	276.181	304.370	274.457	268.919	267.990	283.470	18.374	270.455	3.497	-0.068	0.34465239
IPI:IPI00301489.3	24.746	2.443	0.212	0.14863992	5	66.119	74.598	65.337	87.450	78.853	79.801	68.685	5.136	82.035	4.714	0.256	0.02979091
IPI:IPI00301518.6	0.000	0.000	n/a	n/a	1	30.434	23.143	32.541	49.102	55.721	43.783	28.706	4.932	49.535	5.981	0.787	0.01050326
IPI:IPI00301561.1	21.009	1.166	0.272	0.19636317	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00301579.4	616.146	43.450	0.026	0.73851355	17	1,154.040	1,084.760	1,123.130	1,095.810	1,164.190	1,117.510	1,120.643	34.707	1,125.837	34.942	0.007	0.86428029
IPI:IPI00301609.8	405.752	7.860	0.112	0.01729436	2	33.441	37.951	36.580	17.737	21.398	20.624	35.991	2.312	19.920	1.929	-0.853	0.00088243
IPI:IPI00301610.9	94.176	3.651	0.322	0.00474313	1	61.755	71.471	64.741	47.923	42.415	47.759	65.989	4.977	46.032	3.134	-0.520	0.00704369
IPI:IPI00301618.6	373.266	18.751	0.043	0.45037494	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00301631.5	0.000	0.000	n/a	n/a	1	55.044	54.378	57.668	69.880	71.378	67.828	55.697	1.739	69.695	1.782	0.323	0.00062628
IPI:IPI00301647.4	28.840	4.765	0.217	0.27950551	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00301689.7	86.796	12.880	0.127	0.44231570	3	65.679	76.492	70.928	112.354	90.677	102.473	71.033	5.407	101.835	10.853	0.520	0.02278039
IPI:IPI00301922.2	123.848	34.737	0.122	0.69950320	3	77.055	73.776	76.561	85.149	99.826	90.454	75.797	1.768	91.810	7.431	0.277	0.05836533
IPI:IPI00301923.4	18.298	3.446	0.017	0.92553738	6	201.633	221.421	210.999	250.750	239.863	236.652	211.351	9.899	242.422	7.389	0.198	0.01436262
IPI:IPI00301936.4	455.635	22.352	-0.004	0.96346344	10	397.812	383.953	408.633	234.827	284.076	254.142	396.799	12.371	257.682	24.815	-0.623	0.00348223
IPI:IPI00301994.6	443.562	7.914	0.186	0.01147186	5	532.036	461.965	546.695	485.141	566.535	505.537	513.565	45.284	519.071	42.351	0.015	0.88602161
IPI:IPI00302028.1	103.231	15.926	0.119	0.54343805	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00302030.2	153.688	3.682	0.651	0.00017771	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00302149.2	0.000	0.000	n/a	n/a	1	21.301	16.558	20.201	22.643	26.668	23.649	19.353	2.483	24.320	2.095	0.330	0.05881837
IPI:IPI00302176.5	159.926	31.753	0.220	0.38328155	6	408.749	406.930	412.256	245.197	256.742	259.760	409.312	2.707	253.900	7.686	-0.689	0.00023867
IPI:IPI00302238.3	0.000	0.000	n/a	n/a	8	466.848	439.894	451.348	521.774	490.267	509.082	452.697	13.528	507.041	15.852	0.164	0.01131053
IPI:IPI00302281.1	0.000	0.000	n/a	n/a	3	207.558	178.008	202.907	206.547	222.221	217.391	196.158	15.889	215.386	8.027	0.135	0.15974836
IPI:IPI00302309.5	0.689	1.192	11.934	0.42215494	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00302436.6	242.887	9.877	0.135	0.04218123	1	40.226	39.507	36.582	55.354	50.776	56.398	38.772	1.930	54.176	2.991	0.483	0.00310978
IPI:IPI00302458.1	185.961	3.110	-0.220	0.00133726	6	278.383	291.340	288.153	231.901	235.304	232.595	285.959	6.751	233.267	1.798	-0.294	0.00343507
IPI:IPI00302592.2	29,257.100	578.778	-0.097	0.02382921	262	10,839.900	10,956.500	10,887.700	8,669.050	8,434.940	8,587.330	10,894.700	58.614	8,563.773	118.819	-0.347	0.00009545
IPI:IPI00302647.4	37.474	1.325	-0.680	0.00011159	1	61.177	54.985	62.261	65.856	76.663	67.783	59.474	3.926	70.100	5.764	0.237	0.06592705
IPI:IPI00302658.6	27.005	1.275	-0.259	0.03361901	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00302660.4	211.693	5.761	-0.006	0.87560268	1	3.321	3.489	2.114	2.102	2.813	3.122	2.975	0.750	2.679	0.523	-0.151	0.61039821
IPI:IPI00302673.3	0.000	0.000	n/a	n/a	3	135.121	125.671	132.118	142.381	155.991	142.358	130.970	4.828	146.910	7.864	0.166	0.05109012
IPI:IPI00302674.3	83.485	6.136	-0.039	0.81149507	1	44.486	49.650	43.046	109.564	99.789	114.031	45.727	3.472	107.795	7.284	1.237	0.00115385
IPI:IPI00302688.7	326.468	9.161	0.303	0.00203492	8	312.043	301.291	304.444	249.630	241.192	246.777	305.926	5.527	245.866	4.292	-0.315	0.00017532
IPI:IPI00302690.5	273.643	15.454	0.045	0.44719723	8	414.164	423.795	394.891	487.559	459.391	491.822	410.950	14.718	479.591	17.623	0.223	0.00721849
IPI:IPI00302740.8	139.583	11.483	-0.148	0.19674769	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00302829.5	0.000	0.000	n/a	n/a	2	125.012	114.634	130.536	143.976	174.283	142.030	123.394	8.074	153.430	18.086	0.314	0.08556879
IPI:IPI00302840.2	0.000	0.000	n/a	n/a	1	26.881	35.065	31.321	39.093	35.318	43.191	31.089	4.097	39.201	3.938	0.334	0.06908076
IPI:IPI00302917.5	0.000	0.000	n/a	n/a	8	199.012	209.713	206.692	269.992	244.660	249.268	205.139	5.517	254.640	13.493	0.312	0.01384613
IPI:IPI00302925.4	3,384.933	50.058	0.088	0.00636770	77	3,022.380	3,053.780	3,077.120	3,501.070	3,489.410	3,434.270	3,051.093	27.469	3,474.917	35.681	0.188	0.00012735
IPI:IPI00302927.6	1,810.433	24.935	-0.116	0.01909662	60	1,874.410	1,730.340	1,928.570	2,041.700	2,280.240	2,087.630	1,844.440	102.457	2,136.523	126.563	0.212	0.03819007
IPI:IPI00302944.3	2,222.083	77.680	0.616	0.00022849	1	54.104	53.833	54.996	69.459	72.106	70.112	54.311	0.608	70.559	1.379	0.378	0.00056121
IPI:IPI00302990.3	0.000	0.000	n/a	n/a	2	118.181	140.900	118.223	145.308	128.210	144.510	125.768	13.105	139.343	9.649	0.148	0.22823227
IPI:IPI00303053.6	0.000	0.000	n/a	n/a	1	42.319	27.848	36.583	54.640	68.685	57.524	35.583	7.287	60.283	7.418	0.761	0.01469701
IPI:IPI00303105.3	140.369	23.141	-0.118	0.47957089	5	264.308	269.525	271.791	190.313	220.823	197.310	268.541	3.837	202.815	15.983	-0.405	0.01507704
IPI:IPI00303158.3	192.519	3.734	0.150	0.00404087	1	41.873	47.067	42.098	53.421	48.120	53.377	43.679	2.936	51.639	3.048	0.242	0.03130734
IPI:IPI00303207.3	763.130	16.812	0.129	0.08880246	13	499.136	507.019	472.185	758.470	678.177	743.182	492.780	18.266	726.610	42.635	0.560	0.00464177
IPI:IPI00303253.6	0.000	0.000	n/a	n/a	2	82.631	66.606	81.440	70.362	83.551	74.650	76.892	8.928	76.188	6.728	-0.013	0.92004590
IPI:IPI00303258.3	1,148.410	47.414	0.156	0.03078449	5	219.151	237.178	236.613	252.806	246.837	245.903	230.981	10.249	248.515	3.745	0.106	0.08383870
IPI:IPI00303280.4	53.301	4.204	-0.046	0.60849460	9	349.141	422.511	353.905	456.205	373.962	436.417	375.186	41.054	422.195	42.926	0.170	0.24268891
IPI:IPI00303292.1	550.748	27.379	0.044	0.41340382	11	624.456	541.235	615.999	420.499	465.206	422.873	593.897	45.802	436.193	25.154	-0.445	0.01250668

IPI:IPI00303300.3	FKBP10	FK506-binding protein 10	36	2,078.280	2,069.510	2,085.020	2,170.900	2,155.360	2,160.720	2,077.603	7.777
IPI:IPI00303318.2	FAM49B	Protein FAM49B	4	179.883	179.592	200.348	173.084	180.237	162.113	186.608	11.900
IPI:IPI00303343.7	SCAF1	Splicing factor, arginine/serine-rich 19	1	8.098	5.017	4.339	6.651	7.867	6.529	5.818	2.003
IPI:IPI00303373.6	PLEKHG2	Isoform 1 of Pleckstrin homology domain-containing family G member 2	1	37.204	41.840	36.229	47.530	39.551	48.710	38.425	2.998
IPI:IPI00303383.7	CRTC1	Isoform 3 of CREB-regulated transcription coactivator 1	1	22.778	22.966	28.305	20.917	23.477	22.960	24.683	3.138
IPI:IPI00303402.7	PHAX	Phosphorylated adapter RNA export protein	1	119.059	132.404	122.082	88.609	100.586	95.428	124.515	6.997
IPI:IPI00303476.1	ATP5B	ATP synthase subunit beta, mitochondrial	9	671.157	892.738	609.697	901.694	599.551	853.757	724.531	148.878
IPI:IPI00303568.3	PTGES2	Prostaglandin E synthase 2	10	362.547	372.862	351.186	419.973	409.423	415.013	362.198	10.842
IPI:IPI00303602.1	AIDA	Isoform 1 of Axin interactor, dorsalization-associated protein	7	525.071	468.021	520.514	487.625	486.151	464.932	504.535	31.704
IPI:IPI00303722.5	FAM136A	Protein FAM136A	4	328.171	285.256	321.796	313.029	347.516	331.320	311.741	23.157
IPI:IPI00303753.6	C1orf163	Hcp beta-lactamase-like protein C1orf163	1	23.457	28.806	20.379	39.901	28.194	31.928	24.214	4.264
IPI:IPI00303812.7	C9orf82	Uncharacterized protein C9orf82	3	152.009	153.347	141.022	163.945	162.669	180.216	148.793	6.763
IPI:IPI00303813.5	NOL11	Nucleolar protein 11	3	102.132	106.810	93.532	105.398	106.828	106.695	100.825	6.735
IPI:IPI00303832.6	RTF1	Paf1/RNA polymerase II complex component	4	269.887	250.503	280.764	240.779	251.432	271.165	267.051	15.328
IPI:IPI00303882.2	M6PRBP1	Isoform B of Mannose-6-phosphate receptor-binding protein 1	6	465.315	435.949	451.643	463.841	482.424	466.320	450.969	14.695
IPI:IPI00303890.1	XIAP	Baculoviral IAP repeat-containing protein 4	1	20.457	18.881	18.252	15.985	16.495	16.489	19.197	1.135
IPI:IPI00303954.3	CYB5B	cytochrome b5 outer mitochondrial membrane precursor	3	81.986	74.280	76.884	74.404	76.771	75.576	77.717	3.920
IPI:IPI00303962.3	PPCDC	Isoform 1 of Phosphopantothenoylcysteine decarboxylase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304028.4	RBL2	Retinoblastoma-like protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304069.3	RPUSD4	RNA pseudouridylate synthase domain-containing protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304071.4	ACSF2	Acyl-CoA synthetase family member 2, mitochondrial	6	191.837	198.949	193.200	273.036	252.211	275.702	194.662	3.775
IPI:IPI00304082.8	ISOC1	Isochorismatase domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304187.8	RBM28	RNA-binding protein 28	8	414.272	431.930	418.368	448.866	443.266	460.328	421.523	9.242
IPI:IPI00304189.5	OPTN	Isoform 1 of Optineurin	19	872.998	858.885	858.203	958.185	962.731	1,011.540	863.362	8.352
IPI:IPI00304232.1	WDR12	Ribosome biogenesis protein WDR12	2	219.191	190.174	221.896	203.876	245.036	230.670	210.420	17.586
IPI:IPI00304264.3	DERL2	Derlin-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304267.3	NXN	Isoform 1 of Nucleoredoxin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304306.5	DNAJC19	Mitochondrial import inner membrane translocase subunit TIM14	2	211.325	193.303	212.880	195.454	232.876	214.671	205.836	10.882
IPI:IPI00304379.1	USP1	Ubiquitin carboxyl-terminal hydrolase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304409.3	CARHSP1	Calcium-regulated heat stable protein 1	1	0.000	0.001	0.000	2.159	0.000	0.003	0.000	0.000
IPI:IPI00304417.7	IDH3B	Isocitrate dehydrogenase 3, beta subunit isoform a precursor	6	264.184	285.535	264.599	324.581	304.058	337.375	271.439	12.209
IPI:IPI00304435.3	NIPSNAP1	Protein NipSnap homolog 1	2	135.637	126.421	132.044	156.011	155.514	151.340	131.367	4.645
IPI:IPI00304461.3	C7orf25	UPF0415 protein C7orf25	1	47.643	43.603	51.507	53.638	56.372	52.141	47.584	3.953
IPI:IPI00304493.5	SRFBP1	Serum response factor-binding protein 1	1	41.934	42.369	44.492	55.437	49.489	52.102	42.932	1.368
IPI:IPI00304589.4	TNKS1BP1	Isoform 1 of 182 kDa tankyrase-1-binding protein	16	803.810	793.424	788.171	705.837	664.101	713.993	795.135	7.959
IPI:IPI00304596.3	NONO	Non-POU domain-containing octamer-binding protein	11	905.986	876.646	890.528	690.189	733.701	705.038	891.053	14.677
IPI:IPI00304612.9	RPL13A	60S ribosomal protein L13a	17	1,773.630	1,741.620	1,730.590	1,440.530	1,413.660	1,436.970	1,748.613	22.356
IPI:IPI00304692.1	RBMX	Heterogeneous nuclear ribonucleoprotein G	9	574.234	581.991	577.069	449.619	456.381	458.974	577.765	3.925
IPI:IPI00304693.6	AGFG1	Isoform 2 of Arf-GAP domain and FG repeats-containing protein 1	2	182.300	196.603	199.773	197.589	178.781	161.627	192.892	9.309
IPI:IPI00304742.5	STK10	Serine/threonine-protein kinase 10	11	683.142	632.744	706.328	579.146	636.878	608.411	674.071	37.621
IPI:IPI00304761.1	DDHD2	cDNA FLJ45096 fis, clone BRAWH3030910, highly similar to Homo sapiens DDHD domain containing 2 (DDHD2), mRNA	2	35.457	33.315	37.341	36.038	34.847	36.127	35.371	2.014
IPI:IPI00304803.3	GMPR	GMP reductase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304814.4	GPX4	Isoform Mitochondrial of Phospholipid hydroperoxide glutathione peroxidase, mitochondrial	1	39.765	36.755	36.167	40.018	42.859	50.853	37.562	1.930
IPI:IPI00304817.7	SASH1	SAM and SH3 domain-containing protein 1	4	180.983	186.901	183.063	146.766	153.198	151.369	183.649	3.002
IPI:IPI00304866.4	TNFAIP2	Tumor necrosis factor, alpha-induced protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304875.2	HIRIP3	Isoform 1 of HIRA-interacting protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00304895.6	MOCOS	Molybdenum cofactor sulfurase	1	96.499	98.407	106.617	151.040	147.237	148.188	100.508	5.376
IPI:IPI00304925.5	HSPA1A;HSP	Heat shock 70 kDa protein 1	45	2,080.660	1,946.340	2,034.080	1,993.720	2,155.630	2,073.760	2,020.360	68.203
IPI:IPI00304932.2	RRP8	Cerebral protein 1	1	7.724	8.813	8.192	9.442	8.860	8.666	8.243	0.546
IPI:IPI00304935.6	SAAL1	Similar to Protein SAAL1. Isoform 2	1	49.552	47.769	48.913	35.668	34.494	34.711	48.744	0.903
IPI:IPI00304962.3	COL1A2	Collagen alpha-2(I) chain	27	2,078.390	1,987.760	2,079.830	1,801.160	1,885.970	1,826.230	2,048.660	52.746

IPI:IPI00303300.3	2,162.327	7.894	0.058	0.00019363	16	931.019	910.067	932.174	621.504	682.343	633.132	924.420	12.443	645.660	32.296	-0.518	0.00168673
IPI:IPI00303318.2	171.811	9.129	-0.119	0.16788238	7	133.379	130.562	130.104	155.581	149.980	155.834	131.348	1.773	153.798	3.309	0.228	0.00177091
IPI:IPI00303343.7	7.016	0.740	0.270	0.41712703	4	131.313	129.009	131.942	121.305	117.111	117.154	130.755	1.544	118.523	2.409	-0.142	0.00326474
IPI:IPI00303373.6	45.264	4.982	0.236	0.12670411	10	375.956	377.662	375.623	373.229	410.633	396.869	376.414	1.094	393.577	18.918	0.064	0.25753519
IPI:IPI00303383.7	22.451	1.354	-0.137	0.34796941	1	52.460	41.500	42.485	21.260	21.275	23.546	45.482	6.063	22.027	1.315	-1.046	0.01791649
IPI:IPI00303402.7	94.874	6.008	-0.392	0.00546938	1	62.667	62.023	65.248	50.568	54.020	51.206	63.313	1.707	51.931	1.837	-0.286	0.00145032
IPI:IPI00303476.1	785.001	162.383	0.116	0.65967792	32	1,068.010	1,120.320	1,082.430	790.777	775.449	791.082	1,090.253	27.018	785.769	8.939	-0.472	0.00111815
IPI:IPI00303568.3	414.803	5.278	0.196	0.00542169	3	97.872	84.754	95.378	77.615	96.523	82.476	92.668	6.966	85.538	9.819	-0.116	0.36887805
IPI:IPI00303602.1	479.569	12.698	-0.073	0.30647741	5	269.753	332.674	255.667	348.976	286.483	345.806	286.031	41.003	327.088	35.201	0.194	0.26117534
IPI:IPI00303722.5	330.622	17.254	0.085	0.32556919	8	329.067	337.267	338.568	348.791	356.365	342.447	334.967	5.151	349.201	6.968	0.060	0.05135885
IPI:IPI00303753.6	33.341	5.980	0.461	0.10508971	6	462.704	480.833	440.009	554.423	521.731	539.061	461.182	20.455	538.405	16.356	0.223	0.00789516
IPI:IPI00303812.7	168.943	9.783	0.183	0.04935212	9	179.674	201.174	190.279	200.080	187.483	206.407	190.376	10.750	197.990	9.634	0.057	0.41363479
IPI:IPI00303813.5	106.307	0.790	0.076	0.29347476	6	237.531	234.344	230.438	300.294	285.263	308.214	234.104	3.553	297.924	11.658	0.348	0.00684070
IPI:IPI00303832.6	254.459	15.417	-0.070	0.37292957	19	1,013.570	965.635	996.948	1,151.090	1,172.370	1,148.250	992.051	24.340	1,157.237	13.183	0.222	0.00172574
IPI:IPI00303882.2	470.862	10.090	0.062	0.13464362	23	831.075	838.409	817.154	839.213	875.310	850.953	828.879	10.796	855.159	18.412	0.045	0.11640828
IPI:IPI00303890.1	16.323	0.293	-0.234	0.04109746	2	33.205	29.616	36.140	42.969	45.121	42.224	32.987	3.268	43.438	1.505	0.397	0.01765233
IPI:IPI00303954.3	75.584	1.183	-0.040	0.44939647	4	290.698	284.392	298.958	108.337	142.311	118.449	291.349	7.305	123.032	17.445	-1.244	0.00108259
IPI:IPI00303962.3	0.000	0.000	n/a	n/a	1	41.989	43.723	45.096	58.164	55.259	51.051	43.603	1.557	54.825	3.576	0.330	0.01937000
IPI:IPI00304028.4	0.000	0.000	n/a	n/a	1	63.212	55.953	61.495	91.796	93.074	85.015	60.220	3.794	89.962	4.332	0.579	0.00093957
IPI:IPI00304069.3	0.000	0.000	n/a	n/a	1	22.315	19.611	21.111	26.670	23.432	22.200	21.013	1.355	24.101	2.308	0.198	0.13310041
IPI:IPI00304071.4	266.983	12.862	0.456	0.00663658	5	343.894	332.861	347.287	327.426	331.761	326.034	341.347	7.543	328.407	2.987	-0.056	0.08183358
IPI:IPI00304082.8	0.000	0.000	n/a	n/a	3	95.934	123.955	100.374	181.313	118.609	162.343	106.754	15.061	154.088	32.157	0.529	0.10919074
IPI:IPI00304187.8	450.820	8.697	0.097	0.01630698	5	156.128	149.371	164.387	198.371	192.292	184.367	156.629	7.521	191.677	7.022	0.291	0.00419410
IPI:IPI00304189.5	977.485	29.580	0.179	0.01595985	9	271.790	256.188	259.281	317.746	314.097	320.868	262.420	8.261	317.570	3.389	0.275	0.00295122
IPI:IPI00304232.1	226.527	20.890	0.106	0.36637479	5	398.332	359.216	397.900	273.714	341.837	291.633	385.149	22.460	302.395	35.314	-0.349	0.03468042
IPI:IPI00304264.3	0.000	0.000	n/a	n/a	1	2.700	2.336	2.469	2.994	4.156	3.260	2.502	0.184	3.470	0.609	0.472	0.09997813
IPI:IPI00304267.3	0.000	0.000	n/a	n/a	1	56.739	58.155	60.095	81.473	83.480	76.474	58.330	1.685	80.476	3.608	0.464	0.00300289
IPI:IPI00304306.5	214.334	18.713	0.058	0.54303290	7	340.113	324.397	348.088	332.822	366.393	339.939	337.533	12.054	346.385	17.689	0.037	0.51920244
IPI:IPI00304379.1	0.000	0.000	n/a	n/a	1	13.604	16.828	15.831	17.534	16.402	14.937	15.421	1.651	16.291	1.302	0.079	0.51564013
IPI:IPI00304409.3	0.721	1.246	11.934	0.42204799	3	82.535	85.206	84.553	46.243	53.786	42.333	84.098	1.393	47.454	5.822	-0.826	0.00597888
IPI:IPI00304417.7	322.005	16.807	0.246	0.01639436	9	351.770	392.413	350.008	368.370	313.242	350.681	364.730	23.990	344.098	28.147	-0.084	0.39007469
IPI:IPI00304435.3	154.288	2.565	0.232	0.00435894	5	89.096	117.274	88.036	142.977	106.059	138.035	98.135	16.583	129.024	20.041	0.395	0.11147921
IPI:IPI00304461.3	54.050	2.145	0.184	0.08633062	1	19.918	22.864	24.160	27.664	31.445	29.739	22.314	2.174	29.616	1.894	0.408	0.01235321
IPI:IPI00304493.5	52.343	2.981	0.286	0.01829683	8	418.093	396.365	434.063	413.092	454.491	426.099	416.174	18.922	431.227	21.171	0.051	0.41306470
IPI:IPI00304589.4	694.644	26.763	-0.195	0.01651886	15	572.991	581.397	557.850	565.364	576.177	575.599	570.746	11.933	572.380	6.083	0.004	0.84649583
IPI:IPI00304596.3	709.643	22.118	-0.328	0.00062905	44	1,310.250	1,380.700	1,360.690	1,235.600	1,222.220	1,242.530	1,350.547	36.304	1,233.450	10.324	-0.131	0.02359569
IPI:IPI00304612.9	1,430.387	14.595	-0.290	0.00009965	21	1,563.580	1,589.350	1,498.530	1,825.030	1,772.060	1,768.430	1,550.487	46.804	1,788.507	31.682	0.206	0.00305404
IPI:IPI00304692.1	454.991	4.830	-0.345	0.00000821	5	278.245	268.306	279.897	116.414	125.788	126.260	275.483	6.270	122.821	5.553	-1.165	0.00000732
IPI:IPI00304693.6	179.332	17.987	-0.105	0.33036244	5	175.805	186.425	191.446	230.516	220.426	241.426	184.559	7.986	230.789	10.503	0.322	0.00465069
IPI:IPI00304742.5	608.145	28.867	-0.148	0.07813175	12	414.363	418.356	424.924	435.440	432.988	449.188	419.214	5.333	439.205	8.732	0.067	0.03708681
IPI:IPI00304761.1	35.671	0.715	0.012	0.82751057	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00304803.3	0.000	0.000	n/a	n/a	1	38.833	50.644	41.897	43.699	47.595	51.136	43.791	6.129	47.477	3.720	0.117	0.43355474
IPI:IPI00304814.4	44.577	5.618	0.247	0.15309894	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00304817.7	150.444	3.314	-0.288	0.00022391	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00304866.4	0.000	0.000	n/a	n/a	4	128.006	116.919	125.654	179.899	193.035	175.780	123.526	5.842	182.905	9.012	0.566	0.00136521
IPI:IPI00304875.2	0.000	0.000	n/a	n/a	1	28.657	29.443	27.471	27.216	22.629	30.701	28.524	0.993	26.849	4.049	-0.087	0.55259115
IPI:IPI00304895.6	148.822	1.979	0.566	0.00164909	1	55.055	70.194	102.385	23.027	60.638	12.996	75.878	24.172	32.220	25.116	-1.236	0.09599150
IPI:IPI00304925.5	2,074.370	80.957	0.038	0.42874169	102	3,342.040	3,287.720	3,163.060	4,019.170	3,768.920	4,006.840	3,264.273	91.765	3,931.643	141.057	0.268	0.00404005
IPI:IPI00304932.2	8.989	0.404	0.125	0.13613962	4	145.540	150.283	155.699	156.985	156.555	164.331	150.507	5.083	159.290	4.371	0.082	0.08743175
IPI:IPI00304935.6	34.958	0.625	-0.480	0.00006546	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00304962.3	1,837.787	43.570	-0.157	0.00662744	1	31.360	27.048	32.531	2.108	1.702	0.000	30.313	2.888	1.270	1.119	-4.577	0.00113035

IPI:IPI00305064.1	CD44	Isoform CD44 of CD44 antigen	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305068.5	PRPF6	Pre-mRNA-processing factor 6	4	353.743	355.582	349.639	339.162	307.989	345.528	352.988	3.043
IPI:IPI00305092.7	WIBG	Isoform 1 of Partner of Y14 and mago	1	66.121	67.349	58.426	68.695	60.937	67.596	63.965	4.836
IPI:IPI00305144.1	TSSC4	Isoform 1 of Protein TSSC4 (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305152.6	SEC31A	Isoform 3 of Protein transport protein Sec31A	30	2,432.270	2,220.940	2,334.650	2,466.700	2,683.060	2,416.300	2,329.287	105.767
IPI:IPI00305166.2	SDHA	cDNA FLJ61478, highly similar to Succinate dehydrogenase (ubiquinone) flavoprotein subunit, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305212.5	COMMD9	COMM domain-containing protein 9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305267.2	GOLGA3	Isoform 1 of Golgin subfamily A member 3	21	1,032.080	992.709	1,031.420	929.761	972.863	962.136	1,018.736	22.543
IPI:IPI00305282.2	RAD50	Isoform 1 of DNA repair protein RAD50	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305289.2	KIF11	Kinesin-like protein KIF11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305296.2	C12orf44	UPF0453 protein C12orf44	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305303.3	UFSP2	UFM1-specific peptidase 2	4	306.310	321.790	293.714	349.086	344.818	345.341	307.271	14.063
IPI:IPI00305304.3	LASS2	LAG1 longevity assurance homolog 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305305.3	SIPA1	Signal-induced proliferation-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305316.5	ZNF143	Isoform 1 of Zinc finger protein 143	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305374.5	THOC1	THO complex subunit 1	2	115.726	103.631	115.655	103.377	119.338	107.407	111.671	6.963
IPI:IPI00305383.1	UQCRC2	Cytochrome b-c1 complex subunit 2, mitochondrial	4	287.111	266.728	292.525	268.064	280.861	280.563	282.121	13.603
IPI:IPI00305423.6	CHMP6	Charged multivesicular body protein 6	1	46.203	44.508	51.024	44.581	57.599	50.612	47.245	3.381
IPI:IPI00305438.3	VPS16A	Isoform 1 of Vacuolar protein sorting-associated protein 16 homolog	1	18.979	15.828	18.848	19.434	27.901	20.430	17.885	1.783
IPI:IPI00305442.3	UBAC1	Ubiquitin-associated domain-containing protein 1	1	59.133	60.533	63.385	57.455	57.897	46.720	61.017	2.167
IPI:IPI00305461.3	ITIH2	Inter-alpha-trypsin inhibitor heavy chain H2	2	81.640	67.310	73.906	142.179	170.102	151.339	74.286	7.173
IPI:IPI00305491.5	PPP3CC	Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform	1	8.688	7.949	6.534	12.240	7.987	9.120	7.724	1.094
IPI:IPI00305545.2	DBR1	Isoform 1 of Lariat debranching enzyme	1	28.022	29.170	26.012	33.018	30.081	30.143	27.735	1.599
IPI:IPI00305627.7	C16orf58	Isoform 1 of UPF0420 protein C16orf58	1	57.319	86.939	57.492	99.219	56.660	95.916	67.250	17.052
IPI:IPI00305668.7	MRPS6	28S ribosomal protein S6, mitochondrial	2	121.039	126.283	116.809	119.937	117.043	119.235	121.377	4.746
IPI:IPI00305692.5	TXNL1	Thioredoxin-like protein 1	6	423.421	457.131	435.130	394.597	352.594	382.915	438.561	17.115
IPI:IPI00305698.2	GGCX	Vitamin K-dependent gamma-carboxylase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305822.1	PRR11	Proline-rich protein 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00305833.3	SMU1	WD40 repeat-containing protein SMU1	3	110.798	95.652	103.373	119.800	136.718	126.065	103.274	7.574
IPI:IPI00305868.3	GRAMD3	GRAM domain-containing protein 3	2	133.393	130.129	134.616	146.758	163.611	155.980	132.713	2.320
IPI:IPI00305922.5	UBL7	Ubiquitin-like protein 7	3	191.939	181.952	181.015	196.851	195.244	201.590	184.969	6.055
IPI:IPI00305978.4	AKR7A2	Aflatoxin B1 aldehyde reductase member 2	1	92.573	81.853	88.749	81.419	104.470	81.397	87.725	5.433
IPI:IPI00306017.3	C15orf44	cDNA FLJ55475	1	7.028	9.548	5.868	6.903	6.532	8.983	7.481	1.881
IPI:IPI00306043.1	YTHDF2	Isoform 1 of YTH domain family protein 2	4	205.945	211.504	226.312	194.947	193.621	208.932	214.587	10.528
IPI:IPI00306046.1	EDIL3	Isoform 1 of EGF-like repeat and discoidin I-like domain-containing protein 3	10	507.604	488.088	488.462	1,028.460	1,027.240	1,039.240	494.718	11.161
IPI:IPI00306048.5	ATAD3B	Isoform 1 of ATPase family AAA domain-containing protein 3B	1	29.663	32.491	32.837	30.432	28.389	31.493	31.663	1.741
IPI:IPI00306049.6	MSTO1	Isoform 1 of Protein misato homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306056.3	RPP25	Ribonuclease P protein subunit p25	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306057.2	RBM38	Isoform 1 of RNA-binding protein 38	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306127.1	THUMPD3	THUMP domain-containing protein 3	1	21.877	20.994	21.063	21.545	21.716	23.670	21.312	0.491
IPI:IPI00306265.2	AKAP10	A kinase anchor protein 10, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306280.3	DENR	Density-regulated protein	9	468.538	426.714	496.463	460.019	479.841	457.690	463.905	35.105
IPI:IPI00306290.5	XPOT	Exportin-T	3	217.967	228.336	212.220	200.436	199.714	208.910	219.508	8.168
IPI:IPI00306299.4	EAPP	E2F-associated phosphoprotein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306301.2	PDHA1	Mitochondrial PDHA1	7	499.616	620.884	458.100	649.457	468.689	640.433	526.200	84.585
IPI:IPI00306305.9	OBSL1	Isoform 2 of Obscurin-like protein 1	1	82.929	74.256	88.841	54.219	60.305	53.138	82.009	7.336
IPI:IPI00306322.2	COL4A2	Collagen alpha-2(IV) chain	6	124.878	132.673	126.458	120.605	135.945	126.886	128.003	4.121
IPI:IPI00306330.7	NSL1	Kinetochore-associated protein NSL1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306332.4	RPL24	60S ribosomal protein L24	14	1,415.130	1,177.500	1,401.340	1,072.390	1,226.980	1,143.550	1,331.323	133.393
IPI:IPI00306354.3	PLEKHA1	Pleckstrin homology domain-containing family A member 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306369.3	NSUN2	tRNA (cytosine-5-)-methyltransferase NSUN2	8	471.343	453.623	459.027	345.396	343.624	348.978	461.331	9.082
IPI:IPI00306382.2	SCAMP3	Isoform 1 of Secretory carrier-associated membrane protein 3	1	13.421	14.181	13.772	22.031	19.038	19.659	13.791	0.380

IPI:IPI00305064.1	0.000	0.000	n/a	n/a	29	1,580.620	1,532.930	1,479.690	1,418.250	1,376.440	1,499.710	1,531.080	50.490	1,431.467	62.689	-0.097	0.10186434
IPI:IPI00305068.5	330.893	20.089	-0.093	0.19516545	14	571.808	615.687	586.103	777.416	704.166	742.291	591.199	22.379	741.291	36.635	0.326	0.00677073
IPI:IPI00305092.7	65.743	4.198	0.040	0.65816281	1	78.472	69.700	83.499	27.261	32.990	31.951	77.224	6.983	30.734	3.052	-1.329	0.00268656
IPI:IPI00305144.1	0.000	0.000	n/a	n/a	1	44.700	40.594	40.647	14.680	17.718	17.023	41.981	2.356	16.474	1.592	-1.350	0.00023286
IPI:IPI00305152.6	2,522.020	141.723	0.115	0.13796172	15	540.475	571.738	538.424	581.101	587.905	591.486	550.212	18.670	586.831	5.275	0.093	0.06735855
IPI:IPI00305166.2	0.000	0.000	n/a	n/a	8	136.187	141.269	152.828	139.712	162.507	149.352	143.428	8.528	150.524	11.443	0.070	0.44385328
IPI:IPI00305212.5	0.000	0.000	n/a	n/a	5	138.404	136.253	142.212	158.462	171.858	163.524	138.956	3.018	164.615	6.764	0.244	0.01165143
IPI:IPI00305267.2	954.920	22.439	-0.093	0.02551684	27	767.063	775.141	786.072	966.619	980.838	927.764	776.092	9.540	958.407	27.473	0.304	0.00377549
IPI:IPI00305282.2	0.000	0.000	n/a	n/a	77	3,068.220	3,252.890	2,978.350	4,110.050	3,714.440	3,977.440	3,099.820	139.971	3,933.977	201.354	0.344	0.00590548
IPI:IPI00305289.2	0.000	0.000	n/a	n/a	9	325.877	300.314	340.999	461.054	459.714	464.196	322.397	20.565	461.655	2.301	0.518	0.00666084
IPI:IPI00305296.2	0.000	0.000	n/a	n/a	3	75.546	70.044	71.061	56.334	52.938	55.425	72.217	2.927	54.899	1.758	-0.396	0.00219904
IPI:IPI00305303.3	346.415	2.328	0.173	0.03739213	2	46.503	51.960	51.087	43.943	38.801	44.046	49.850	2.931	42.264	2.999	-0.238	0.03511151
IPI:IPI00305304.3	0.000	0.000	n/a	n/a	3	37.404	40.695	41.473	47.569	46.005	45.157	39.857	2.160	46.244	1.223	0.214	0.01880265
IPI:IPI00305305.3	0.000	0.000	n/a	n/a	2	95.971	92.399	107.183	83.290	108.638	92.370	98.518	7.714	94.766	12.843	-0.056	0.69156579
IPI:IPI00305316.5	0.000	0.000	n/a	n/a	5	279.095	279.941	287.084	275.291	286.546	280.672	282.040	4.389	280.836	5.629	-0.006	0.78729301
IPI:IPI00305374.5	110.041	8.300	-0.021	0.80827632	21	630.396	673.361	639.976	751.664	656.179	722.107	647.911	22.555	709.983	48.883	0.132	0.14603278
IPI:IPI00305383.1	276.496	7.304	-0.029	0.57196114	9	263.755	256.848	268.922	206.363	217.850	207.613	263.175	6.058	210.609	6.302	-0.321	0.00048432
IPI:IPI00305423.6	50.931	6.515	0.108	0.44892586	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00305438.3	22.588	4.628	0.337	0.21385965	3	79.693	81.829	92.943	87.430	98.614	90.744	84.821	7.114	92.263	5.745	0.121	0.23486413
IPI:IPI00305442.3	54.024	6.330	-0.176	0.18796804	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00305461.3	154.540	14.234	1.057	0.00338435	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00305491.5	9.782	2.202	0.341	0.24504218	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00305545.2	31.081	1.678	0.164	0.06691159	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00305627.7	83.932	23.676	0.320	0.38380076	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00305668.7	118.738	1.510	-0.032	0.44168842	5	357.184	335.446	355.646	361.862	395.527	365.170	349.425	12.131	374.186	18.555	0.099	0.13652958
IPI:IPI00305692.5	376.702	21.680	-0.219	0.01976897	10	719.396	757.874	730.041	906.849	837.155	919.909	735.770	19.869	887.971	44.490	0.271	0.01522323
IPI:IPI00305698.2	0.000	0.000	n/a	n/a	1	43.374	48.620	46.786	64.901	53.399	63.259	46.260	2.662	60.520	6.221	0.388	0.04202999
IPI:IPI00305822.1	0.000	0.000	n/a	n/a	1	25.304	23.614	27.063	29.160	34.740	30.812	25.327	1.724	31.571	2.867	0.318	0.04240299
IPI:IPI00305833.3	127.528	8.553	0.304	0.02181600	6	148.090	160.279	145.979	256.574	246.980	237.913	151.449	7.719	247.156	9.332	0.707	0.00020416
IPI:IPI00305868.3	155.450	8.439	0.228	0.03532814	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00305922.5	197.895	3.299	0.097	0.04560899	3	169.166	172.894	163.768	251.640	235.991	249.092	168.609	4.588	245.574	8.397	0.542	0.00067779
IPI:IPI00305978.4	89.095	13.315	0.022	0.88070120	4	134.533	136.381	143.297	150.138	156.986	146.394	138.070	4.620	151.173	5.371	0.131	0.03400281
IPI:IPI00306017.3	7.473	1.321	-0.002	0.99729237	5	74.096	75.827	75.591	114.229	130.748	118.811	75.171	0.939	121.263	8.528	0.690	0.01051288
IPI:IPI00306043.1	199.167	8.483	-0.108	0.12263520	10	402.735	401.385	391.053	523.527	523.398	512.309	398.391	6.391	519.745	6.440	0.384	0.00002098
IPI:IPI00306046.1	1,031.647	6.604	1.060	0.00000310	3	20.193	26.050	29.054	9.775	9.136	9.197	25.099	4.507	9.369	0.353	-1.422	0.02580578
IPI:IPI00306048.5	30.105	1.578	-0.073	0.31524963	39	1,617.720	1,509.150	1,634.930	1,548.790	1,607.200	1,534.410	1,587.267	68.196	1,563.467	38.551	-0.022	0.63489817
IPI:IPI00306049.6	0.000	0.000	n/a	n/a	1	4.736	4.484	2.972	4.126	3.582	2.666	4.064	0.954	3.458	0.738	-0.233	0.43699119
IPI:IPI00306056.3	0.000	0.000	n/a	n/a	6	222.181	227.069	232.048	271.451	271.060	270.511	227.099	4.934	271.007	0.472	0.255	0.00392028
IPI:IPI00306057.2	0.000	0.000	n/a	n/a	1	26.809	27.764	27.493	20.996	18.185	21.717	27.355	0.492	20.299	1.866	-0.430	0.01730466
IPI:IPI00306127.1	22.311	1.181	0.066	0.27930743	2	43.924	36.325	35.455	47.375	60.743	45.918	38.568	4.659	51.345	8.171	0.413	0.09526282
IPI:IPI00306265.2	0.000	0.000	n/a	n/a	1	13.262	12.349	12.880	18.323	20.329	16.204	12.830	0.459	18.285	2.063	0.511	0.03904210
IPI:IPI00306280.3	465.850	12.172	0.006	0.93478665	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306290.5	203.020	5.114	-0.113	0.05162806	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306299.4	0.000	0.000	n/a	n/a	2	75.151	70.464	71.225	65.399	79.528	73.158	72.280	2.515	72.695	7.076	0.008	0.93175976
IPI:IPI00306301.2	586.193	101.861	0.156	0.47794992	19	609.421	574.745	587.372	536.510	554.625	554.133	590.513	17.550	548.423	10.320	-0.107	0.03300284
IPI:IPI00306305.9	55.888	3.864	-0.553	0.01183236	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306322.2	127.812	7.712	-0.002	0.97262205	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306330.7	0.000	0.000	n/a	n/a	1	65.620	82.168	63.173	120.297	94.925	116.277	70.320	10.333	110.500	13.637	0.652	0.01759471
IPI:IPI00306332.4	1,147.640	77.376	-0.214	0.12529494	3	133.484	108.750	119.953	128.791	120.416	119.258	120.729	12.385	122.822	5.202	0.025	0.80712387
IPI:IPI00306354.3	0.000	0.000	n/a	n/a	2	86.388	92.116	94.835	102.185	121.057	103.495	91.113	4.312	108.912	10.538	0.257	0.08390859
IPI:IPI00306369.3	345.999	2.728	-0.415	0.00097102	31	1,246.980	1,178.240	1,230.000	1,162.050	1,206.530	1,196.740	1,218.407	35.806	1,188.440	23.373	-0.036	0.30267310
IPI:IPI00306382.2	20.243	1.579	0.554	0.01527783	6	38.397	42.477	37.766	65.614	55.439	66.369	39.547	2.558	62.474	6.104	0.660	0.01277307

IPI:IPI00306398.7	NUDCD1	Isoform 2 of NudC domain-containing protein 1	2	22.543	24.788	26.117	21.523	20.283	22.681	24.483	1.807
IPI:IPI00306400.9	KIFC1	Kinesin-like protein KIFC1	1	30.186	30.616	33.090	11.507	12.589	16.485	31.297	1.567
IPI:IPI00306406.4	RIOK2	Serine/threonine-protein kinase RIO2	2	77.296	71.866	77.243	78.055	76.787	76.241	75.468	3.120
IPI:IPI00306413.3	TPPP3	Tubulin polymerization-promoting protein family member 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306419.5	LPCAT3	Lysophospholipid acyltransferase 5	1	16.804	17.010	15.852	17.512	20.409	20.765	16.555	0.618
IPI:IPI00306436.1	STAT3	Isoform Del-701 of Signal transducer and activator of transcription 3	5	307.263	320.880	318.661	313.828	315.648	304.615	315.601	7.306
IPI:IPI00306439.1	C18orf55	TIM21-like protein, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306471.1	CCDC94	Coiled-coil domain-containing protein 94	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306511.2	L3MBTL3	Isoform 1 of Lethal(3)malignant brain tumor-like 3 protein	1	12.808	9.226	9.906	11.220	9.829	13.030	10.647	1.903
IPI:IPI00306516.1	TIMM44	Mitochondrial import inner membrane translocase subunit TIM44	5	183.146	178.627	191.734	181.954	194.986	184.239	184.502	6.658
IPI:IPI00306531.3	NCK2	Cytoplasmic protein NCK2	1	27.527	26.007	27.073	31.577	33.227	31.460	26.869	0.780
IPI:IPI00306576.1	ARSB	Arylsulfatase B	4	451.780	406.681	388.404	411.825	358.508	408.743	415.622	32.620
IPI:IPI00306604.5	ITGA5	Integrin alpha-5	7	366.347	389.545	370.269	503.716	449.011	488.213	375.387	12.417
IPI:IPI00306642.3	WDSOF1	Putative uncharacterized protein WDSOF1	5	250.514	227.838	234.253	243.878	242.215	237.257	237.535	11.689
IPI:IPI00306708.4	PBK	cDNA FLJ58333, highly similar to T-lymphokine-activated killer cell-originated protein kinase	2	14.863	16.146	14.010	5.715	8.952	7.312	15.006	1.075
IPI:IPI00306720.5	COX7A1	Cytochrome c oxidase polypeptide 7A1, mitochondrial	1	30.636	32.339	30.031	35.507	37.260	34.326	31.002	1.197
IPI:IPI00306723.3	CEBPZ	CCAAT/enhancer-binding protein zeta	7	396.711	464.237	386.177	496.545	405.920	482.174	415.708	42.356
IPI:IPI00306748.1	ABCB7	Isoform 1 of ATP-binding cassette sub-family B member 7, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306749.8	SLC4A1AP	Kanadaptin	1	38.222	44.032	40.197	14.592	14.556	16.384	40.817	2.954
IPI:IPI00306825.3	TPD52L2	Isoform 1 of Tumor protein D54	16	820.064	793.494	800.384	783.974	750.834	722.842	804.647	13.789
IPI:IPI00306840.2	SGPP1	Sphingosine-1-phosphate phosphatase 1	1	25.994	28.308	31.086	27.957	27.970	28.628	28.463	2.550
IPI:IPI00306853.2	CHST3	Carbohydrate sulfotransferase 3	3	162.356	150.999	176.255	198.290	207.074	172.110	163.203	12.649
IPI:IPI00306933.2	MYO9B	myosin IXB isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00306960.3	NARS	Asparaginyl-tRNA synthetase, cytoplasmic	16	836.335	842.586	820.312	855.664	837.494	847.763	833.078	11.489
IPI:IPI00307155.7	ROCK2	Rho-associated protein kinase 2	31	1,802.100	1,749.750	1,794.710	1,539.210	1,646.370	1,593.640	1,782.187	28.333
IPI:IPI00307165.1	TRIM47	Tripartite motif-containing protein 47	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00307235.2	PTPLA	Isoform 1 of Protein-tyrosine phosphatase-like member A	1	233.234	211.643	212.311	221.753	249.417	231.544	219.063	12.277
IPI:IPI00307257.4	TBC1D9B	Isoform 1 of TBC1 domain family member 9B	4	182.520	177.424	178.087	218.391	209.763	218.407	179.344	2.771
IPI:IPI00307259.1	DNAJC13	DnaJ homolog subfamily C member 13	15	855.058	828.771	845.835	915.507	1,018.470	965.719	843.221	13.337
IPI:IPI00307409.6	MRPL9	39S ribosomal protein L9, mitochondrial	2	109.966	108.078	111.825	121.163	121.109	117.962	109.956	1.874
IPI:IPI00307524.7	AS3MT	Arsenite methyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00307545.2	TNS1	Tensin-1	33	2,182.800	2,349.400	2,166.570	1,879.490	1,758.730	1,772.650	2,232.923	101.198
IPI:IPI00307547.1	C9orf46	Transmembrane protein C9orf46	2	89.797	89.338	89.291	98.389	102.368	100.462	89.475	0.279
IPI:IPI00307572.1	TMEM165	Transmembrane protein 165	7	251.135	248.713	261.316	198.055	212.730	214.919	253.721	6.688
IPI:IPI00307591.5	ZNF609	Zinc finger protein 609	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00307659.2	CBX8	Chromobox protein homolog 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00307733.5	SETD2	Isoform 1 of Histone-lysine N-methyltransferase SETD2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00307749.2	NDUFS7	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial	1	20.765	25.380	18.189	25.917	15.288	25.940	21.445	3.643
IPI:IPI00307755.3	PRKAA2	5'-AMP-activated protein kinase catalytic subunit alpha-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328082.3	TARSL2	Isoform 1 of Probable threonyl-tRNA synthetase 2, cytoplasmic	1	51.760	49.545	45.984	59.425	65.435	66.095	49.097	2.914
IPI:IPI00328091.1	NTN4	Isoform 1 of Netrin-4	7	260.965	290.896	285.263	492.001	470.415	432.656	279.041	15.906
IPI:IPI00328097.4	SNX27	Isoform 3 of Sorting nexin-27	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328113.2	FBN1	Fibrillin-1	22	822.975	803.628	784.042	1,029.210	1,023.590	1,038.370	803.548	19.467
IPI:IPI00328118.4	SPAG5	Sperm-associated antigen 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328154.4	UBA3	NEDD8-activating enzyme E1 catalytic subunit	9	303.023	295.450	311.406	319.337	318.698	326.697	303.293	7.981
IPI:IPI00328178.3	TOM1L2	Isoform 3 of TOM1-like protein 2	4	179.799	161.327	184.675	168.074	184.158	173.143	175.267	12.316
IPI:IPI00328180.4	RAB34	Isoform 1 of Ras-related protein Rab-34	3	195.351	198.536	209.204	223.505	231.985	226.452	201.030	7.256
IPI:IPI00328183.2	C17orf71	Isoform 1 of Protein SMG8	2	126.680	133.441	135.098	165.563	159.325	179.727	131.740	4.459
IPI:IPI00328200.3	QRICH1	Glutamine-rich protein 1	1	37.720	38.880	35.324	28.951	32.996	32.198	37.308	1.813
IPI:IPI00328218.4	LSR	Isoform 2 of Lipolysis-stimulated lipoprotein receptor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328228.4	CYTH1	Isoform 2 of Cytohesin-1	2	52.033	48.530	43.761	51.338	53.561	56.564	48.108	4.152
IPI:IPI00328236.7	VPS39	Isoform 1 of Vam6/Vps39-like protein	3	146.952	162.080	152.962	218.467	191.759	213.703	153.998	7.617

IPI:IPI00306398.7	21.496	1.199	-0.188	0.08541886	3	294.877	244.843	313.103	117.833	169.513	138.922	284.274	35.344	142.089	25.985	-1.000	0.00636883
IPI:IPI00306400.9	13.527	2.618	-1.210	0.00142942	8	299.457	286.179	294.704	346.425	337.672	360.894	293.447	6.728	348.330	11.728	0.247	0.00483473
IPI:IPI00306406.4	77.028	0.931	0.030	0.48257074	2	137.843	143.372	136.727	165.426	156.281	164.162	139.314	3.558	161.956	4.955	0.217	0.00419046
IPI:IPI00306413.3	0.000	0.000	n/a	n/a	4	221.764	216.146	231.283	234.156	243.348	237.478	223.064	7.652	238.327	4.654	0.095	0.05326197
IPI:IPI00306419.5	19.562	1.784	0.241	0.08725655	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306436.1	311.364	5.915	-0.020	0.48053488	26	823.609	782.175	831.388	961.279	1,031.600	961.301	812.391	26.455	984.727	40.593	0.278	0.00571705
IPI:IPI00306439.1	0.000	0.000	n/a	n/a	2	76.607	77.483	74.431	79.891	93.227	89.986	76.174	1.571	87.701	6.955	0.203	0.09645663
IPI:IPI00306471.1	0.000	0.000	n/a	n/a	2	73.672	67.143	78.363	76.098	84.148	82.067	73.059	5.635	80.771	4.179	0.145	0.13563483
IPI:IPI00306511.2	11.360	1.605	0.094	0.64707276	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306516.1	187.060	6.959	0.020	0.67028172	12	299.424	253.310	308.325	275.340	313.388	293.670	287.020	29.531	294.133	19.028	0.035	0.74807998
IPI:IPI00306531.3	32.088	0.988	0.256	0.00243087	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306576.1	393.025	29.933	-0.081	0.42763622	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306604.5	480.313	28.195	0.356	0.01242875	5	251.654	262.622	255.421	353.731	313.879	328.562	256.566	5.573	332.057	20.155	0.372	0.01727791
IPI:IPI00306642.3	241.117	3.444	0.022	0.65497269	2	100.570	96.903	101.807	67.155	78.775	77.797	99.760	2.550	74.575	6.445	-0.420	0.01210353
IPI:IPI00306708.4	7.326	1.619	-1.034	0.00393948	5	172.843	186.371	193.313	213.181	210.813	212.104	184.176	10.410	212.033	1.186	0.203	0.04198697
IPI:IPI00306720.5	35.698	1.476	0.203	0.01407066	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00306723.3	461.546	48.707	0.151	0.28766595	11	513.973	526.139	514.758	597.892	596.354	583.656	518.290	6.809	592.634	7.813	0.193	0.00026914
IPI:IPI00306748.1	0.000	0.000	n/a	n/a	4	201.116	219.140	208.532	286.867	244.272	266.303	209.596	9.059	265.814	21.302	0.343	0.03025153
IPI:IPI00306749.8	15.177	1.045	-1.427	0.00191878	11	300.059	309.535	312.451	428.978	409.529	417.332	307.348	6.479	418.613	9.788	0.446	0.00020745
IPI:IPI00306825.3	752.550	30.602	-0.097	0.08103007	28	1,320.000	1,277.490	1,310.870	1,097.570	1,190.230	1,102.860	1,302.787	22.378	1,130.220	52.037	-0.205	0.01700603
IPI:IPI00306840.2	28.185	0.384	-0.014	0.86869196	1	17.534	19.373	16.507	18.539	19.602	17.356	17.805	1.452	18.499	1.123	0.055	0.55162833
IPI:IPI00306853.2	192.491	18.189	0.238	0.09198979	1	12.804	15.033	13.020	23.760	27.255	21.864	13.619	1.229	24.293	2.735	0.835	0.01073469
IPI:IPI00306933.2	0.000	0.000	n/a	n/a	3	116.548	111.522	121.972	92.118	98.978	97.251	116.681	5.226	96.115	3.568	-0.280	0.00705935
IPI:IPI00306960.3	846.974	9.111	0.024	0.18095269	16	1,023.640	1,033.200	1,049.140	683.367	661.270	669.311	1,035.327	12.882	671.316	11.184	-0.625	0.00000390
IPI:IPI00307155.7	1,593.073	53.582	-0.162	0.01204376	36	1,570.210	1,607.650	1,548.680	1,923.710	1,791.060	1,904.160	1,575.513	29.841	1,872.977	71.612	0.250	0.00987136
IPI:IPI00307165.1	0.000	0.000	n/a	n/a	2	51.922	60.996	54.897	87.017	70.395	77.077	55.938	4.626	78.163	8.364	0.483	0.02565216
IPI:IPI00307235.2	234.238	14.027	0.097	0.23256889	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00307257.4	215.520	4.986	0.265	0.00133532	1	29.535	27.519	29.761	19.852	19.626	18.360	28.938	1.235	19.279	0.804	-0.586	0.00076241
IPI:IPI00307259.1	966.565	51.487	0.197	0.04592461	12	638.793	585.594	640.994	487.401	515.847	507.363	621.794	31.369	503.537	14.604	-0.304	0.01140494
IPI:IPI00307409.6	120.078	1.833	0.127	0.00261669	4	84.964	76.810	87.785	103.174	108.389	109.536	83.186	5.700	107.033	3.391	0.364	0.00651968
IPI:IPI00307524.7	0.000	0.000	n/a	n/a	2	48.157	48.989	45.740	50.250	51.946	52.812	47.629	1.688	51.669	1.303	0.117	0.03336534
IPI:IPI00307545.2	1,803.623	66.070	-0.308	0.00573015	2	103.046	106.142	112.582	8.579	12.794	10.876	107.257	4.865	10.749	2.110	-3.319	0.00014197
IPI:IPI00307547.1	100.406	1.990	0.166	0.00979932	1	27.155	25.606	28.174	27.076	27.605	31.053	26.979	1.293	28.578	2.160	0.083	0.34574097
IPI:IPI00307572.1	208.568	9.170	-0.283	0.00320850	1	13.324	14.804	16.913	5.313	7.247	6.619	15.014	1.804	6.393	0.986	-1.232	0.00483168
IPI:IPI00307591.5	0.000	0.000	n/a	n/a	3	34.174	29.572	33.122	46.251	54.938	54.112	32.289	2.411	51.767	4.795	0.681	0.00854663
IPI:IPI00307659.2	0.000	0.000	n/a	n/a	3	179.312	174.970	178.892	232.573	236.238	238.698	177.725	2.395	235.836	3.082	0.408	0.00002286
IPI:IPI00307733.5	0.000	0.000	n/a	n/a	2	44.869	45.576	51.161	55.498	57.556	55.678	47.202	3.447	56.244	1.140	0.253	0.03469494
IPI:IPI00307749.2	22.382	6.144	0.062	0.83383765	1	43.007	57.725	48.792	71.301	51.852	69.942	49.841	7.415	64.365	10.858	0.369	0.13776936
IPI:IPI00307755.3	0.000	0.000	n/a	n/a	1	115.134	98.703	123.225	72.489	99.003	78.061	112.354	12.495	83.184	13.980	-0.434	0.05519597
IPI:IPI00328082.3	63.652	3.675	0.375	0.00667544	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328091.1	465.024	30.038	0.737	0.00236818	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328097.4	0.000	0.000	n/a	n/a	1	47.994	82.009	45.741	130.292	64.922	119.798	58.581	20.320	105.004	35.106	0.842	0.13596622
IPI:IPI00328113.2	1,030.390	7.460	0.359	0.00080036	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328118.4	0.000	0.000	n/a	n/a	6	275.684	266.004	280.245	265.538	281.186	261.090	273.978	7.272	269.271	10.555	-0.025	0.56398041
IPI:IPI00328154.4	321.577	4.445	0.084	0.03785916	8	181.162	180.607	190.117	186.492	168.688	185.299	183.962	5.338	180.160	9.953	-0.030	0.60048092
IPI:IPI00328178.3	175.125	8.223	-0.001	0.98852142	4	219.849	220.720	224.957	238.938	229.959	235.945	221.842	2.733	234.947	4.572	0.083	0.01993835
IPI:IPI00328180.4	227.314	4.305	0.177	0.01010319	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328183.2	168.205	10.454	0.353	0.01507858	4	182.336	185.395	182.560	218.469	217.849	216.021	183.430	1.705	217.446	1.273	0.245	0.00002001
IPI:IPI00328200.3	31.382	2.143	-0.250	0.02268346	4	79.592	73.481	80.020	102.282	103.300	94.575	77.698	3.658	100.052	4.771	0.365	0.00375335
IPI:IPI00328218.4	0.000	0.000	n/a	n/a	3	125.723	123.854	134.387	140.452	161.736	134.665	127.988	5.620	145.618	14.256	0.186	0.15412303
IPI:IPI00328228.4	53.821	2.623	0.162	0.12737189	1	25.687	26.560	25.117	32.599	30.314	29.382	25.788	0.727	30.765	1.656	0.255	0.02145082
IPI:IPI00328236.7	207.976	14.245	0.434	0.00975464	3	111.922	108.223	106.012	172.736	198.261	177.524	108.719	2.986	182.840	13.568	0.750	0.00851434

IPI:IPI00328243.2	PLD3	Phospholipase D3	2	71.467	64.263	75.301	178.892	214.592	183.446	70.344	5.604
IPI:IPI00328257.4	AP1B1	Isoform A of AP-1 complex subunit beta-1	13	609.735	593.459	599.880	626.901	667.489	653.604	601.025	8.198
IPI:IPI00328258.3	EAF1	38 kDa protein	1	41.557	44.224	45.766	40.204	36.357	40.007	43.849	2.129
IPI:IPI00328276.1	CDK5RAP1	Isoform 1 of CDK5 regulatory subunit-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328293.3	SRRM1	cDNA FLJ61739, highly similar to Serine/arginine repetitive matrix protein 1	5	519.716	468.176	513.218	435.591	453.508	438.407	500.370	28.069
IPI:IPI00328306.9	ZC3H11A	Zinc finger CCCH domain-containing protein 11A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328307.7	ELOVL5	Elongation of very long chain fatty acids protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328319.8	RBBP4	Histone-binding protein RBBP4	11	500.001	517.701	492.232	456.076	420.209	441.908	503.311	13.053
IPI:IPI00328328.3	EIF4A2	Isoform 1 of Eukaryotic initiation factor 4A-II	1	190.246	146.610	180.652	168.795	237.743	180.323	172.503	22.931
IPI:IPI00328350.6	FAM129A	Protein Niban	17	862.288	865.885	880.437	1,138.860	1,198.010	1,143.120	869.537	9.610
IPI:IPI00328354.7	MAGED1	Isoform 1 of Melanoma-associated antigen D1	3	38.989	38.647	41.030	38.928	34.152	36.057	39.555	1.289
IPI:IPI00328361.7	SARS2	Seryl-tRNA synthetase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328379.4	GPSM2	LGN protein	1	34.198	29.524	29.149	28.432	29.613	32.974	30.957	2.813
IPI:IPI00328390.2	PCGF5	Isoform 1 of Polycomb group RING finger protein 5	1	15.238	17.962	12.712	16.785	10.747	15.594	15.304	2.625
IPI:IPI00328391.3	GALNT7	N-acetylgalactosaminyltransferase 7	4	233.326	199.731	224.286	290.486	283.561	276.369	219.114	17.384
IPI:IPI00328415.1	CYB5R3	cDNA FLJ56301, highly similar to NADH-cytochrome b5 reductase	16	642.811	659.909	631.718	645.944	626.118	665.749	644.813	14.202
IPI:IPI00328488.6	MAN2B2	Isoform 1 of Epididymis-specific alpha-mannosidase	1	25.068	27.795	22.307	28.671	26.697	27.660	25.057	2.744
IPI:IPI00328526.6	ARPP19	Isoform ARPP-19 of cAMP-regulated phosphoprotein 19	1	89.045	82.478	84.926	75.648	80.762	84.525	85.483	3.319
IPI:IPI00328658.3	ASH2L	Isoform 1 of Set1/Ash2 histone methyltransferase complex subunit ASH2	2	92.229	100.642	93.354	90.158	75.169	88.405	95.408	4.567
IPI:IPI00328680.2	MCFD2	Multiple coagulation factor deficiency protein 2	9	359.241	344.360	372.108	348.303	339.148	314.182	358.570	13.886
IPI:IPI00328715.4	MTDH	Protein LYRIC	20	1,394.750	1,338.890	1,397.710	1,339.040	1,401.150	1,385.590	1,377.117	33.138
IPI:IPI00328737.2	ZNF598	Isoform 1 of Zinc finger protein 598	1	39.404	40.668	45.069	33.638	39.310	38.273	41.714	2.974
IPI:IPI00328748.4	MANF	mesencephalic astrocyte-derived neurotrophic factor	18	1,625.760	1,418.090	1,573.350	1,525.230	1,612.010	1,502.430	1,539.067	107.996
IPI:IPI00328753.1	KTN1	Isoform 1 of Kinectin	63	3,460.530	3,440.640	3,535.990	3,540.500	3,594.180	3,580.340	3,479.053	50.302
IPI:IPI00328754.6	ZFHX4	zinc finger homeodomain 4	1	69.396	71.141	70.299	63.069	62.203	66.179	70.279	0.872
IPI:IPI00328815.3	USP48	USP48 protein	2	14.239	21.194	18.809	24.647	18.963	22.942	18.081	3.534
IPI:IPI00328835.1	STK32C	Isoform 1 of Serine/threonine-protein kinase 32C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328840.9	THOC4	THO complex 4	5	323.630	288.875	338.640	275.499	357.237	287.702	317.048	25.527
IPI:IPI00328842.1	ARHGAP4	Rho GTPase activating protein 4, isoform CRA_b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328847.5	NAT11	Isoform 1 of N-acetyltransferase 11	1	46.416	43.784	43.811	37.137	43.536	40.880	44.670	1.512
IPI:IPI00328867.6	SRC	Isoform 2 of Proto-oncogene tyrosine-protein kinase Src	1	30.639	26.067	32.615	44.357	40.270	41.993	29.774	3.359
IPI:IPI00328868.3	HS1BP3	Isoform 1 of HCLS1-binding protein 3	2	72.710	75.551	72.407	120.795	116.751	115.848	73.556	1.734
IPI:IPI00328883.6	SERINC5	Serine incorporator 5, isoform CRA_b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328884.7	RAB3IL1	Isoform 1 of Guanine nucleotide exchange factor for Rab3A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328905.6	IQGAP3	Ras GTPase-activating-like protein IQGAP3	2	33.217	41.997	36.878	39.912	47.265	49.377	37.364	4.410
IPI:IPI00328911.2	HECTD1	E3 ubiquitin-protein ligase HECTD1	10	539.226	510.046	571.467	467.876	503.941	476.973	540.246	30.723
IPI:IPI00328918.4	DTNBP1	Isoform 1 of Dysbindin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328929.3	ZC3H18	Isoform 1 of Zinc finger CCCH domain-containing protein 18	5	246.514	257.197	258.915	260.273	232.916	264.233	254.209	6.719
IPI:IPI00328932.5	VPS36	Isoform 1 of Vacuolar protein-sorting-associated protein 36	4	219.849	223.581	224.738	252.840	264.874	261.004	222.723	2.555
IPI:IPI00328939.2	DTWD1	Isoform 1 of DTW domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328970.1	NLRP10	NACHT, LRR and PYD domains-containing protein 10	1	20.437	21.045	17.657	24.745	21.121	20.921	19.713	1.806
IPI:IPI00328985.1	THOC6	Isoform 1 of THO complex subunit 6 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00328987.3	BYSL	Bystin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329002.4	SESTD1	SEC14 domain and spectrin repeat-containing protein 1	1	65.791	58.191	67.218	54.878	68.833	57.141	63.733	4.853
IPI:IPI00329005.2	AFTPH	Isoform 2 of Aftiphilin	1	2.383	0.000	3.538	4.340	6.947	4.979	1.974	1.804
IPI:IPI00329025.1	JAGN1	Protein jagunal homolog 1	3	132.020	129.311	137.161	161.282	149.849	164.366	132.831	3.987
IPI:IPI00329036.2	MRPL50	39S ribosomal protein L50, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329038.5	CDK5RAP2	Isoform 1 of CDK5 regulatory subunit-associated protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329054.1	OSTM1	Osteopetrosis-associated transmembrane protein 1	2	46.587	47.971	44.373	61.689	53.260	62.000	46.311	1.815
IPI:IPI00329088.4	CHD1L	Isoform 1 of Chromodomain-helicase-DNA-binding protein 1-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329125.1	TRAPPC6B	Isoform 2 of Trafficking protein particle complex subunit 6B	1	93.994	91.517	83.395	90.111	93.500	103.473	89.635	5.544
IPI:IPI00329142.1	ERICH1	Glutamate-rich protein 1	1	8.423	5.757	8.406	7.447	8.030	6.058	7.529	1.534
IPI:IPI00329147.5	CCDC43	Coiled-coil domain-containing protein 43	3	136.072	114.427	130.957	98.643	121.768	110.001	127.152	11.313

IPI:IPI00328243.2	192.310	19.431	1.451	0.00523627	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328257.4	649.331	20.629	0.112	0.04126843	9	465.995	462.704	493.670	362.427	369.835	382.305	474.123	17.008	371.522	10.046	-0.352	0.00211518
IPI:IPI00328258.3	38.856	2.166	-0.174	0.04658402	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328276.1	0.000	0.000	n/a	n/a	2	129.323	126.802	125.238	135.848	142.517	147.704	127.121	2.061	142.023	5.943	0.160	0.03756791
IPI:IPI00328293.3	442.502	9.635	-0.177	0.05777636	5	282.519	323.973	295.306	182.584	173.094	176.403	300.599	21.228	177.360	4.817	-0.761	0.00735278
IPI:IPI00328306.9	0.000	0.000	n/a	n/a	19	1,070.300	1,061.580	1,082.340	1,153.860	1,101.470	1,137.680	1,071.407	10.424	1,131.003	26.826	0.078	0.04700725
IPI:IPI00328307.7	0.000	0.000	n/a	n/a	2	22.849	21.276	26.412	13.289	19.328	18.897	23.513	2.632	17.171	3.369	-0.453	0.06563606
IPI:IPI00328319.8	439.398	18.065	-0.196	0.00975655	31	1,109.100	1,190.580	1,118.380	1,305.220	1,302.990	1,284.380	1,139.353	44.606	1,297.530	11.443	0.188	0.02013502
IPI:IPI00328328.3	195.620	36.932	0.181	0.41886153	3	267.018	238.122	250.392	108.517	118.610	123.049	251.844	14.503	116.725	7.447	-1.109	0.00075156
IPI:IPI00328350.6	1,159.997	32.989	0.416	0.00237856	2	158.121	177.757	165.238	125.928	100.242	122.478	167.039	9.941	116.216	13.941	-0.523	0.00889835
IPI:IPI00328354.7	36.379	2.404	-0.121	0.13546749	1	11.192	10.277	11.593	18.206	19.919	16.895	11.021	0.675	18.340	1.517	0.735	0.00619533
IPI:IPI00328361.7	0.000	0.000	n/a	n/a	6	207.870	209.111	207.683	169.346	155.263	163.978	208.221	0.776	162.862	7.107	-0.354	0.00753077
IPI:IPI00328379.4	30.340	2.357	-0.029	0.78573632	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328390.2	14.375	3.198	-0.090	0.71811603	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328391.3	283.472	7.059	0.372	0.01357268	18	882.529	878.658	861.965	1,156.600	1,160.330	1,167.360	874.384	10.928	1,161.430	5.464	0.410	0.00003942
IPI:IPI00328415.1	645.937	19.816	0.003	0.94087631	11	539.502	615.854	549.945	250.793	214.085	255.040	568.434	41.398	239.973	22.520	-1.244	0.00106876
IPI:IPI00328488.6	27.676	0.987	0.143	0.23492846	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328526.6	80.312	4.455	-0.090	0.18819143	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328658.3	84.577	8.195	-0.174	0.13548601	11	582.728	581.431	584.895	691.124	686.388	692.090	583.018	1.750	689.867	3.052	0.243	0.00000911
IPI:IPI00328680.2	333.878	17.660	-0.103	0.13365500	5	176.595	192.082	180.241	100.670	83.526	95.418	182.973	8.097	93.205	8.784	-0.973	0.00020948
IPI:IPI00328715.4	1,375.260	32.318	-0.002	0.94819236	33	1,605.450	1,590.120	1,649.220	1,496.860	1,547.750	1,505.480	1,614.930	30.669	1,516.697	27.236	-0.091	0.01471788
IPI:IPI00328737.2	37.074	3.020	-0.170	0.13149777	2	101.855	103.788	104.063	120.623	138.137	126.753	103.235	1.203	128.504	8.887	0.316	0.03678917
IPI:IPI00328748.4	1,546.557	57.819	0.007	0.92240665	25	1,478.310	1,602.680	1,482.280	1,630.510	1,470.430	1,566.870	1,521.090	70.687	1,555.937	80.598	0.033	0.60788974
IPI:IPI00328753.1	3,571.673	27.870	0.038	0.06554094	239	10,897.300	10,837.400	10,692.700	12,140.200	12,101.300	12,026.700	10,809.133	105.188	12,089.400	57.678	0.161	0.00028202
IPI:IPI00328754.6	63.817	2.091	-0.139	0.02080357	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328815.3	22.184	2.917	0.295	0.19840496	6	256.276	240.302	250.660	275.179	266.524	266.146	249.079	8.103	269.283	5.110	0.113	0.02909576
IPI:IPI00328835.1	0.000	0.000	n/a	n/a	2	121.948	102.273	132.013	123.323	152.484	124.181	118.745	15.127	133.329	16.594	0.167	0.32416403
IPI:IPI00328840.9	306.813	44.093	-0.047	0.75119880	10	475.415	440.178	482.894	405.416	486.204	440.367	466.162	22.812	443.996	40.516	-0.070	0.46731330
IPI:IPI00328842.1	0.000	0.000	n/a	n/a	6	239.826	244.622	246.314	319.270	321.196	314.157	243.587	3.365	318.208	3.638	0.386	0.00001365
IPI:IPI00328847.5	40.518	3.215	-0.141	0.14185319	4	240.672	224.587	238.333	360.143	368.805	379.123	234.531	8.691	369.357	9.502	0.655	0.00005762
IPI:IPI00328867.6	42.207	2.052	0.503	0.00927437	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328868.3	117.798	2.634	0.679	0.00005844	3	124.265	107.579	119.025	127.244	147.157	135.087	116.956	8.533	136.496	10.031	0.223	0.06360357
IPI:IPI00328883.6	0.000	0.000	n/a	n/a	1	44.231	37.688	46.147	57.827	63.798	58.653	42.689	4.436	60.093	3.235	0.493	0.00693962
IPI:IPI00328884.7	0.000	0.000	n/a	n/a	1	16.170	16.843	16.525	21.096	20.079	19.902	16.512	0.337	20.359	0.645	0.302	0.00269362
IPI:IPI00328905.6	45.518	4.968	0.285	0.10174225	1	81.434	70.419	86.145	67.515	79.752	71.198	79.333	8.071	72.822	6.278	-0.124	0.33618246
IPI:IPI00328911.2	482.930	18.756	-0.162	0.06306265	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328918.4	0.000	0.000	n/a	n/a	2	99.831	113.155	102.427	117.568	110.926	118.544	105.138	7.064	115.679	4.145	0.138	0.10573372
IPI:IPI00328929.3	252.474	17.053	-0.010	0.88453905	2	114.925	129.451	112.666	165.760	146.229	165.701	119.014	9.109	159.230	11.259	0.420	0.00955516
IPI:IPI00328932.5	259.573	6.143	0.221	0.00383118	3	101.362	105.152	104.076	74.572	67.223	74.278	103.530	1.953	72.024	4.161	-0.523	0.00165939
IPI:IPI00328939.2	0.000	0.000	n/a	n/a	5	138.338	157.833	141.830	187.571	196.351	192.176	146.000	10.395	192.033	4.392	0.395	0.00825256
IPI:IPI00328970.1	22.262	2.152	0.175	0.19335554	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00328985.1	0.000	0.000	n/a	n/a	1	42.754	41.327	44.021	50.869	50.337	46.205	42.701	1.348	49.137	2.553	0.203	0.03010256
IPI:IPI00328987.3	0.000	0.000	n/a	n/a	8	311.150	283.786	302.293	319.330	353.974	319.290	299.076	13.963	330.865	20.013	0.146	0.09522293
IPI:IPI00329002.4	60.284	7.489	-0.080	0.54627726	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329005.2	5.422	1.359	1.458	0.06199052	4	73.873	74.322	77.073	84.068	93.015	82.772	75.089	1.733	86.618	5.577	0.206	0.05916571
IPI:IPI00329025.1	158.499	7.648	0.255	0.01403923	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329036.2	0.000	0.000	n/a	n/a	3	113.340	127.592	113.228	85.157	76.508	88.067	118.053	8.261	83.244	6.013	-0.504	0.00545609
IPI:IPI00329038.5	0.000	0.000	n/a	n/a	1	71.440	61.619	82.311	73.807	95.761	73.329	71.790	10.351	80.966	12.816	0.174	0.39219167
IPI:IPI00329054.1	58.983	4.959	0.349	0.03510908	4	68.826	80.220	77.349	154.892	146.154	158.222	75.465	5.926	153.089	6.233	1.020	0.00010009
IPI:IPI00329088.4	0.000	0.000	n/a	n/a	1	26.143	23.688	20.032	34.391	35.108	40.766	23.288	3.075	36.755	3.492	0.658	0.00774121
IPI:IPI00329125.1	95.695	6.946	0.094	0.30611202	2	64.755	69.067	70.928	56.980	52.445	49.550	68.250	3.167	52.991	3.745	-0.365	0.00620245
IPI:IPI00329142.1	7.178	1.013	-0.069	0.76057805	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329147.5	110.137	11.563	-0.207	0.14275121	1	66.713	66.889	67.279	28.605	32.581	28.752	66.960	0.290	29.979	2.255	-1.159	0.00105729

IPI:IPI00329185.5	PLCG2	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329192.6	HEATR5A	Isoform 3 of HEAT repeat-containing protein 5A	1	38.519	49.509	44.485	42.952	41.946	41.973	44.171	5.502
IPI:IPI00329236.3	PRKCD	Protein kinase C delta type	10	751.172	756.940	752.125	783.609	785.195	806.689	753.412	3.092
IPI:IPI00329245.7	ANKLE2	Isoform 2 of Ankyrin repeat and LEM domain-containing protein 2	2	138.192	129.761	144.027	133.512	149.269	140.808	137.327	7.172
IPI:IPI00329274.1	TAZ	Isoform 7 of Tafazzin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329275.7	VRK2	Isoform 1 of Serine/threonine-protein kinase VRK2	1	10.247	12.562	14.627	12.253	8.402	11.080	12.479	2.191
IPI:IPI00329291.1	STARD13	Isoform 2 of StAR-related lipid transfer protein 13	2	44.438	49.020	40.755	61.844	61.463	62.561	44.738	4.140
IPI:IPI00329321.3	LYRM7	LYR motif-containing protein 7	1	121.796	98.823	126.711	97.045	114.350	99.240	115.777	14.886
IPI:IPI00329331.6	UGP2	Isoform 1 of UTP--glucose-1-phosphate uridylyltransferase	36	2,090.980	2,247.220	2,040.680	2,210.750	2,132.540	2,237.480	2,126.293	107.703
IPI:IPI00329332.1	STX12	Syntaxin-12	1	96.949	81.225	95.367	106.097	126.177	106.409	91.180	8.658
IPI:IPI00329338.3	PCYT1A	Choline-phosphate cytidylyltransferase A	6	177.997	193.397	200.472	201.949	190.271	198.097	190.622	11.492
IPI:IPI00329345.7	SPATS2	Spermatogenesis-associated serine-rich protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329352.3	NOMO1;NOMO	Nodal modulator 1	25	1,600.270	1,466.220	1,575.650	1,685.430	1,886.200	1,711.620	1,547.380	71.356
IPI:IPI00329373.3	C19orf70	Protein QIL1	1	49.488	41.977	48.441	48.072	56.061	46.656	46.635	4.068
IPI:IPI00329385.4	MTMR6	Isoform 1 of Myotubularin-related protein 6	4	92.406	107.021	96.906	95.621	74.607	88.353	98.778	7.485
IPI:IPI00329389.8	RPL6	60S ribosomal protein L6	15	1,646.590	1,648.030	1,680.370	1,466.050	1,367.000	1,314.710	1,658.330	19.101
IPI:IPI00329441.1	RAB43	Ras-related protein Rab-43	1	51.388	51.891	49.657	87.726	79.849	83.227	50.979	1.172
IPI:IPI00329482.4	LAMA4	Isoform 1 of Laminin subunit alpha-4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329488.4	ABL2	Isoform IB of Tyrosine-protein kinase ABL2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329495.4	ABLIM1	Isoform 1 of Actin-binding LIM protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329526.3	CDC20	Cell division cycle protein 20 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329536.2	EEA1	Early endosome antigen 1	66	3,528.840	3,444.270	3,585.290	3,731.640	3,821.810	3,776.820	3,519.467	70.976
IPI:IPI00329545.7	RBM26	Isoform 3 of RNA-binding protein 26	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329547.3	ZC3H13	Isoform 1 of Zinc finger CCCH domain-containing protein 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329563.1	UBE2L6	Isoform 1 of Ubiquitin/ISG15-conjugating enzyme E2 L6	3	82.658	86.443	74.448	117.980	109.217	119.198	81.183	6.132
IPI:IPI00329572.4	PACSIN3	Protein kinase C and casein kinase substrate in neurons protein 3	2	77.569	100.520	79.678	73.153	64.593	72.814	85.922	12.686
IPI:IPI00329583.7	SPATA5	Isoform 1 of Spermatogenesis-associated protein 5	8	583.053	579.209	554.239	635.120	585.779	630.822	572.167	15.645
IPI:IPI00329591.3	RMND1	Isoform 1 of Required for meiotic nuclear division protein 1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329593.3	ADPGK	Isoform 2 of ADP-dependent glucokinase	3	98.293	129.159	90.041	136.050	95.535	118.268	105.831	20.620
IPI:IPI00329594.4	CCDC59	Thyroid transcription factor 1-associated protein 26	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329598.2	HSD17B11	Estradiol 17-beta-dehydrogenase 11	1	32.821	31.539	33.809	37.950	43.856	40.480	32.723	1.138
IPI:IPI00329600.3	SCCPDH	Probable saccharopine dehydrogenase	5	291.058	278.739	294.059	248.725	280.470	264.881	287.952	8.119
IPI:IPI00329605.5	MSH3	DNA mismatch repair protein Msh3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329615.5	ISCA1	HESB like domain containing 2, isoform CRA_b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00329625.5	TBRG4	cDNA FLJ56153, highly similar to Homo sapiens transforming growth factor beta regulator 4 (TBRG4), transcript variant 1, mRNA	1	54.078	44.391	46.557	48.559	57.494	48.648	48.342	5.084
IPI:IPI00329629.6	DNAJC7	DnaJ homolog subfamily C member 7	17	874.469	912.582	892.902	897.473	855.916	899.508	893.318	19.060
IPI:IPI00329633.5	TARS	Threonyl-tRNA synthetase, cytoplasmic	37	1,956.300	2,047.370	2,070.930	2,296.330	2,151.360	2,171.900	2,024.867	60.538
IPI:IPI00329650.1	NUP35	Nucleoporin NUP53	1	60.972	61.811	68.401	35.095	40.641	38.840	63.728	4.069
IPI:IPI00329662.6	FAM114A2	Isoform 2 of Protein FAM114A2	10	534.500	505.547	536.825	555.064	591.570	569.810	525.624	17.426
IPI:IPI00329664.5	SMURF2	E3 ubiquitin-protein ligase SMURF2	1	67.345	76.487	68.492	84.400	70.282	85.263	70.775	4.980
IPI:IPI00329672.4	MYO1E	Myosin-Ie	21	1,629.350	1,639.150	1,621.870	1,454.070	1,478.590	1,494.900	1,630.123	8.666
IPI:IPI00329685.1	ARSA	Arylsulfatase A	2	42.227	44.432	32.967	36.477	34.894	37.047	39.876	6.083
IPI:IPI00329688.2	YIPF3	Protein YIPF3	1	74.783	67.236	73.373	84.001	106.005	86.172	71.797	4.013
IPI:IPI00329692.3	NMT1	Isoform Long of Glycylpeptide N-tetradecanoyltransferase 1	13	1,010.900	1,033.600	1,017.150	993.649	932.380	1,011.950	1,020.550	11.726
IPI:IPI00329696.1	FAM82B	Regulator of microtubule dynamics protein 1	8	356.699	378.361	343.001	406.348	370.301	401.074	359.354	17.829
IPI:IPI00329707.7	BCORL1	Isoform 3 of BCoR-like protein 1	4	401.064	335.025	398.714	395.941	427.936	624.711	378.268	37.468
IPI:IPI00329719.1	MYO1D	Isoform 1 of Myosin-Id	24	1,834.220	1,847.380	1,862.400	1,818.140	1,830.070	1,849.490	1,848.000	14.100
IPI:IPI00329753.3	FAM164A	UPF0418 protein FAM164A	4	382.405	362.131	374.079	463.373	462.278	467.998	372.872	10.191
IPI:IPI00329756.2	WDYHV1	WDYHV motif-containing protein 1	1	8.908	10.122	9.556	7.990	7.464	10.092	9.528	0.608
IPI:IPI00329791.9	DDX46	cDNA FLJ78679, highly similar to Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 46 (DDX46), mRNA	12	727.933	722.039	715.885	649.689	641.816	652.628	721.952	6.024
IPI:IPI00329801.1	ANXA5	Annexin A5	30	2,392.920	2,200.810	2,331.150	1,943.460	2,319.380	1,970.460	2,308.293	98.073

IPI:IPI00329185.5	0.000	0.000	n/a	n/a	1	19.897	18.297	24.831	32.352	37.242	35.974	21.008	3.406	35.189	2.538	0.744	0.00565633
IPI:IPI00329192.6	42.290	0.573	-0.063	0.61499438	1	10.858	9.975	12.023	16.041	16.940	18.155	10.952	1.027	17.045	1.061	0.638	0.00203835
IPI:IPI00329236.3	791.831	12.892	0.072	0.02989337	2	68.712	77.069	68.596	113.956	103.027	112.365	71.459	4.859	109.783	5.904	0.619	0.00114640
IPI:IPI00329245.7	141.196	7.886	0.040	0.56425415	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329274.1	0.000	0.000	n/a	n/a	4	137.568	155.113	138.894	161.215	143.532	162.005	143.858	9.769	155.584	10.445	0.113	0.22924360
IPI:IPI00329275.7	10.578	1.974	-0.238	0.32802117	5	190.110	170.481	197.622	174.399	227.632	177.556	186.071	14.014	193.196	29.864	0.054	0.73545125
IPI:IPI00329291.1	61.956	0.558	0.470	0.01731252	1	14.716	16.945	16.549	0.000	0.035	0.000	16.070	1.189	0.012	0.020	-10.439	0.00181773
IPI:IPI00329321.3	103.545	9.422	-0.161	0.30672209	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329331.6	2,193.590	54.534	0.045	0.40666861	32	1,600.610	1,583.730	1,584.200	1,401.580	1,428.430	1,422.860	1,589.513	9.613	1,417.623	14.170	-0.165	0.00015465
IPI:IPI00329332.1	112.894	11.504	0.308	0.06393292	3	68.883	71.847	74.081	99.769	85.484	95.178	71.604	2.607	93.477	7.293	0.385	0.02465652
IPI:IPI00329338.3	196.772	5.951	0.046	0.47085559	17	693.278	784.909	704.663	1,080.460	981.492	1,050.630	727.617	49.942	1,037.527	50.768	0.512	0.00166344
IPI:IPI00329345.7	0.000	0.000	n/a	n/a	5	286.369	264.775	308.172	285.653	350.300	310.418	286.439	21.699	315.457	32.617	0.139	0.27907703
IPI:IPI00329352.3	1,761.083	109.143	0.187	0.05588757	28	1,099.050	1,045.700	1,143.030	1,013.870	1,108.540	1,039.740	1,095.927	48.740	1,054.050	48.930	-0.056	0.35448273
IPI:IPI00329373.3	50.263	5.071	0.108	0.39141555	1	33.849	28.102	36.712	30.730	38.798	32.573	32.888	4.385	34.034	4.227	0.049	0.76103265
IPI:IPI00329385.4	86.194	10.672	-0.197	0.17823815	2	71.904	74.328	81.842	84.261	97.428	88.763	76.024	5.182	90.151	6.693	0.246	0.04802265
IPI:IPI00329389.8	1,382.587	76.865	-0.262	0.01990409	16	1,062.240	976.759	1,052.000	1,084.970	1,164.960	1,081.800	1,030.333	46.678	1,110.577	47.124	0.108	0.10420160
IPI:IPI00329441.1	83.601	3.952	0.714	0.00271129	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329482.4	0.000	0.000	n/a	n/a	2	93.354	104.891	87.742	120.064	91.559	101.464	95.329	8.743	104.362	14.472	0.131	0.41831058
IPI:IPI00329488.4	0.000	0.000	n/a	n/a	1	33.315	43.893	35.975	19.868	17.457	18.695	37.727	5.502	18.673	1.206	-1.015	0.02251218
IPI:IPI00329495.4	0.000	0.000	n/a	n/a	22	671.794	634.951	662.044	912.704	976.543	935.176	656.263	19.090	941.474	32.382	0.521	0.00064219
IPI:IPI00329526.3	0.000	0.000	n/a	n/a	1	44.510	43.889	49.453	42.274	48.165	45.786	45.951	3.049	45.408	2.963	-0.017	0.83702723
IPI:IPI00329536.2	3,776.757	45.085	0.102	0.00958159	56	2,555.620	2,615.130	2,556.090	2,533.670	2,488.730	2,518.380	2,575.613	34.223	2,513.593	22.849	-0.035	0.06828637
IPI:IPI00329545.7	0.000	0.000	n/a	n/a	17	1,009.380	984.247	1,010.090	939.471	964.349	916.273	1,001.239	14.720	940.031	24.043	-0.091	0.02768275
IPI:IPI00329547.3	0.000	0.000	n/a	n/a	6	264.390	262.870	271.832	369.747	353.977	352.489	266.364	4.796	358.738	9.563	0.430	0.00071669
IPI:IPI00329563.1	115.465	5.445	0.508	0.00204386	1	90.973	87.427	80.415	78.123	74.406	77.254	86.272	5.373	76.594	1.945	-0.172	0.07549966
IPI:IPI00329572.4	70.186	4.847	-0.292	0.15349168	1	17.434	16.926	21.700	28.116	26.116	24.969	18.687	2.622	26.400	1.593	0.499	0.01837358
IPI:IPI00329583.7	617.240	27.331	0.109	0.08481624	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329591.3	0.000	0.000	n/a	n/a	2	89.278	83.740	86.171	109.455	125.763	125.943	86.396	2.776	120.387	9.468	0.479	0.01834283
IPI:IPI00329593.3	116.618	20.308	0.140	0.55405048	4	145.107	190.390	150.700	201.566	162.162	189.152	162.066	24.688	184.293	20.146	0.185	0.29599060
IPI:IPI00329594.4	0.000	0.000	n/a	n/a	2	128.042	146.016	119.358	127.483	94.079	116.703	131.139	13.596	112.755	17.049	-0.218	0.22256670
IPI:IPI00329598.2	40.762	2.963	0.317	0.02986670	5	172.282	185.614	169.173	141.519	135.241	138.727	175.690	8.734	138.496	3.145	-0.343	0.01068433
IPI:IPI00329600.3	264.692	15.873	-0.122	0.10999021	10	148.771	142.159	161.225	164.806	171.616	154.404	150.718	9.681	163.609	8.668	0.118	0.16212846
IPI:IPI00329605.5	0.000	0.000	n/a	n/a	4	106.829	101.320	106.867	80.900	97.661	86.307	105.005	3.192	88.289	8.555	-0.250	0.06318959
IPI:IPI00329615.5	0.000	0.000	n/a	n/a	1	22.394	23.556	26.104	29.688	34.058	33.716	24.018	1.897	32.488	2.430	0.436	0.01025850
IPI:IPI00329625.5	51.567	5.133	0.093	0.48298541	3	170.216	143.265	175.982	145.428	186.976	161.982	163.154	17.464	164.795	20.916	0.014	0.92648471
IPI:IPI00329629.6	884.299	24.601	-0.015	0.64404581	23	783.837	789.999	803.474	1,095.510	1,096.900	1,088.580	792.437	10.043	1,093.663	4.457	0.465	0.00004234
IPI:IPI00329633.5	2,206.530	78.444	0.124	0.03677679	33	1,910.800	1,930.170	1,916.810	2,220.830	2,199.750	2,200.530	1,919.260	9.915	2,207.037	11.952	0.202	0.00000791
IPI:IPI00329650.1	38.192	2.829	-0.739	0.00146137	10	306.295	281.554	301.804	279.644	311.748	297.589	296.551	13.180	296.327	16.089	-0.001	0.98632974
IPI:IPI00329662.6	572.148	18.365	0.122	0.03361118	3	116.650	131.139	124.305	121.756	107.220	118.319	124.031	7.248	115.765	7.597	-0.100	0.24469322
IPI:IPI00329664.5	79.982	8.411	0.176	0.19441915	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329672.4	1,475.853	20.552	-0.143	0.00208581	5	123.396	127.435	133.258	161.915	148.077	158.163	128.030	4.958	156.052	7.157	0.286	0.00711477
IPI:IPI00329685.1	36.139	1.115	-0.142	0.39985785	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329688.2	92.059	12.126	0.359	0.08953659	1	68.105	72.987	72.746	57.947	64.767	62.944	71.279	2.752	61.886	3.531	-0.204	0.02438521
IPI:IPI00329692.3	979.326	41.674	-0.059	0.22392487	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329696.1	392.574	19.469	0.128	0.09534464	8	456.468	447.653	502.890	322.174	343.947	327.773	469.004	29.676	331.298	11.306	-0.501	0.00820166
IPI:IPI00329707.7	482.863	123.882	0.352	0.27907286	3	409.548	348.454	427.193	106.527	126.535	119.290	395.065	41.319	117.451	10.130	-1.750	0.00509417
IPI:IPI00329719.1	1,832.567	15.823	-0.012	0.27687715	3	340.806	358.037	367.446	2.181	5.959	9.233	355.430	13.510	5.791	3.529	-5.940	0.00023097
IPI:IPI00329753.3	464.550	3.036	0.317	0.00221039	1	24.470	26.612	22.399	10.874	13.204	12.303	24.494	2.107	12.127	1.175	-1.014	0.00253864
IPI:IPI00329756.2	8.515	1.390	-0.162	0.33894982	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00329791.9	648.044	5.590	-0.156	0.00010325	35	1,632.240	1,625.570	1,638.610	1,634.120	1,611.710	1,641.480	1,632.140	6.521	1,629.103	15.506	-0.003	0.78180783
IPI:IPI00329801.1	2,077.767	209.678	-0.152	0.18862997	23	831.850	780.112	792.691	607.581	599.572	602.913	801.551	26.983	603.355	4.023	-0.410	0.00530057

IPI:IPI00332095.1	BCAS3	Isoform 2 of Breast carcinoma-amplified sequence 3	1	40.886	42.256	46.521	49.231	36.880	51.138	43.221	2.939
IPI:IPI00332106.2	PBXIP1	Isoform 1 of Pre-B-cell leukemia transcription factor-interacting protein 1	1	37.257	53.112	36.073	99.950	69.165	85.696	42.147	9.514
IPI:IPI00332157.2	MRPL54	39S ribosomal protein L54, mitochondrial	3	170.628	158.272	183.930	156.302	160.246	164.110	170.943	12.832
IPI:IPI00332371.9	PFKL	Isoform 1 of 6-phosphofructokinase, liver type	10	596.933	601.534	604.930	502.241	553.378	499.292	601.132	4.014
IPI:IPI00332428.5	MAK16	Protein MAK16 homolog	4	306.783	339.273	307.041	249.496	238.719	259.382	317.699	18.684
IPI:IPI00332451.3	NR2C2	nuclear receptor subfamily 2, group C, member 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00332493.6	PLEKHO2	Isoform 1 of Pleckstrin homology domain-containing family O member 2	4	86.311	130.458	93.124	135.984	95.807	128.886	103.298	23.767
IPI:IPI00332511.5	PPP2R2A	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform	13	548.278	529.109	532.346	621.650	613.396	641.540	536.578	10.261
IPI:IPI00332552.2	ZBTB40	Isoform 1 of Zinc finger and BTB domain-containing protein 40	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00332887.5	SIRPA	signal-regulatory protein alpha precursor	3	218.047	211.076	211.877	261.045	265.568	266.686	213.667	3.815
IPI:IPI00333010.8	CHERP	Isoform 1 of Calcium homeostasis endoplasmic reticulum protein	4	454.935	448.797	457.882	509.915	495.874	521.217	453.871	4.635
IPI:IPI00333016.6	DNAJC11	Isoform 3 of DnaJ homolog subfamily C member 11	2	96.197	94.814	100.093	94.813	101.695	96.914	97.035	2.737
IPI:IPI00333063.1	TMCC1	Transmembrane and coiled-coil domains protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00333067.3	HERC4	Isoform 1 of Probable E3 ubiquitin-protein ligase HERC4	13	611.859	648.070	622.646	638.295	606.585	658.623	627.525	18.592
IPI:IPI00333068.4	ARPC1A	Actin-related protein 2/3 complex subunit 1A	10	508.823	468.304	460.017	547.849	556.466	558.337	479.048	26.117
IPI:IPI00333072.5	ANO10	Putative uncharacterized protein ANO10	1	123.212	96.986	116.985	210.179	226.737	215.336	112.394	13.702
IPI:IPI00333143.3	DGKA	Isoform 1 of Diacylglycerol kinase alpha	13	761.583	756.006	776.386	834.139	880.958	848.713	764.658	10.532
IPI:IPI00333197.4	GCC2	Isoform 2 of GRIP and coiled-coil domain-containing protein 2	11	464.503	467.213	478.525	479.824	486.845	490.856	470.080	7.438
IPI:IPI00333215.1	TCEA1	Isoform 1 of Transcription elongation factor A protein 1	5	450.545	422.236	479.360	405.296	439.059	418.679	450.714	28.562
IPI:IPI00333410.1	UBE2Q1	Isoform 1 of Ubiquitin-conjugating enzyme E2 Q1	3	252.666	271.995	267.911	294.220	275.269	294.795	264.191	10.187
IPI:IPI00333420.5	SRPK2	Serine/threonine-protein kinase SRPK2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00333559.1	TLK1	Isoform 2 of Serine/threonine-protein kinase tousled-like 1	2	132.039	129.482	132.257	130.114	132.595	136.764	131.259	1.543
IPI:IPI00333619.4	ALDH3A2	Isoform 1 of Fatty aldehyde dehydrogenase	3	194.047	183.118	182.842	188.967	197.619	201.140	186.669	6.391
IPI:IPI00333699.5	SAP30BP	Isoform 2 of SAP30-binding protein	2	57.374	73.542	58.172	61.762	53.519	65.557	63.029	9.113
IPI:IPI00333763.7	GLRX5	Glutaredoxin-related protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00333770.6	DOCK10	dedicator of cytokinesis 10	11	610.674	557.790	620.154	683.070	779.360	712.704	596.206	33.605
IPI:IPI00333771.1	CALD1	Isoform 5 of Caldesmon	135	9,544.500	8,968.610	9,349.290	8,475.170	9,061.930	8,868.000	9,287.467	292.880
IPI:IPI00333908.1	CCDC91	Isoform 1 of Coiled-coil domain-containing protein 91	1	70.986	60.242	71.287	67.767	69.415	69.628	67.505	6.292
IPI:IPI00333913.9	NBAS	Isoform 1 of Neuroblastoma-amplified sequence	7	277.835	269.756	280.114	313.987	332.507	338.077	275.902	5.443
IPI:IPI00334159.6	VBP1	Von Hippel-Lindau binding protein 1	7	705.550	684.085	715.985	716.398	724.755	721.181	701.873	16.265
IPI:IPI00334190.4	STOML2	Stomatin-like protein 2	8	246.948	242.586	241.971	262.103	266.262	261.344	243.835	2.713
IPI:IPI00334282.2	FAM3C	Protein FAM3C	9	630.317	649.488	638.547	705.679	677.952	721.767	639.451	9.617
IPI:IPI00334410.1	MYO18A	Isoform 2 of Myosin-XVIIIa	7	242.720	257.454	230.902	265.354	264.158	282.469	243.692	13.303
IPI:IPI00334532.3	L1CAM	Isoform 2 of Neural cell adhesion molecule L1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00334579.2	MRPL43	mitochondrial ribosomal protein L43 isoform d	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00334587.1	HNRNPAB	Isoform 2 of Heterogeneous nuclear ribonucleoprotein A/B	18	1,500.390	1,516.290	1,452.750	1,391.400	1,237.730	1,362.110	1,489.810	33.065
IPI:IPI00334657.7	YIPF5	Isoform 1 of Protein YIPF5	3	622.469	682.984	592.383	733.985	661.038	718.204	632.612	46.144
IPI:IPI00334715.4	GRLF1	Isoform 1 of Glucocorticoid receptor DNA-binding factor 1	9	534.427	556.594	526.691	555.439	506.703	545.506	539.237	15.521
IPI:IPI00334907.3	PITPNB	Isoform 1 of Phosphatidylinositol transfer protein beta isoform	15	830.488	901.184	813.195	934.131	876.687	920.012	848.289	46.617
IPI:IPI00334914.2	C1orf25	Isoform 1 of TRM1-like protein	2	88.417	77.698	87.108	95.087	108.614	103.342	84.408	5.847
IPI:IPI00335001.2	HYPK	Isoform 1 of Huntingtin-interacting protein K	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00335085.5	RNF123	Isoform 1 of E3 ubiquitin-protein ligase RNF123	1	104.873	92.606	102.502	106.687	120.728	112.735	99.994	6.507
IPI:IPI00335131.4	CASK	Isoform 3 of Peripheral plasma membrane protein CASK	2	56.156	65.546	64.050	70.040	71.555	74.863	61.917	5.045
IPI:IPI00335168.9	MYL6;MYL6B	Isoform Non-muscle of Myosin light polypeptide 6	27	1,819.060	1,834.660	1,890.050	1,166.970	1,359.540	1,324.650	1,847.923	37.307
IPI:IPI00335259.6	DLC1	deleted in liver cancer 1 isoform 1	2	142.773	138.442	149.972	89.502	88.127	98.943	143.729	5.824
IPI:IPI00335280.3	RPE;hCG_20	Isoform 1 of Ribulose-phosphate 3-epimerase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00335385.4	DCPS	Scavenger mRNA-decapping enzyme DcpS	5	254.947	244.650	263.341	249.024	281.414	259.900	254.313	9.362
IPI:IPI00335421.4	FIGNL1	Isoform 1 of Fidgetin-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00335541.4	TIMELESS	Isoform 1 of Protein timeless homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00335581.5	UBR3	Isoform 1 of E3 ubiquitin-protein ligase UBR3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00335589.5	RNMTL1	RNA methyltransferase-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00335641.4	MKL2	MKL/myocardin-like 2, isoform CRA_a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00332095.1	45.750	7.741	0.082	0.63929994	1	13.542	12.883	10.911	11.507	14.061	16.042	12.445	1.369	13.870	2.273	0.156	0.41584667
IPI:IPI00332106.2	84.937	15.406	1.011	0.02154135	14	518.696	587.309	522.146	591.532	534.033	585.945	542.717	38.656	570.503	31.708	0.072	0.39362833
IPI:IPI00332157.2	160.219	3.904	-0.093	0.28224961	9	314.458	297.362	316.370	151.135	153.724	150.770	309.397	10.466	151.876	1.611	-1.027	0.00118242
IPI:IPI00332371.9	518.304	30.411	-0.214	0.04009953	4	518.875	486.634	526.283	190.373	210.563	201.471	510.597	21.081	200.802	10.112	-1.346	0.00024107
IPI:IPI00332428.5	249.199	10.335	-0.350	0.01038918	3	187.995	210.450	191.886	256.535	212.164	234.993	196.777	12.000	234.564	22.189	0.253	0.07883124
IPI:IPI00332451.3	0.000	0.000	n/a	n/a	1	33.305	37.403	35.375	48.146	50.571	46.337	35.361	2.049	48.351	2.125	0.451	0.00160260
IPI:IPI00332493.6	120.226	21.443	0.219	0.41217305	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00332511.5	625.529	14.467	0.221	0.00153747	4	179.100	157.338	165.898	164.902	187.094	173.022	167.445	10.963	175.006	11.228	0.064	0.45102363
IPI:IPI00332552.2	0.000	0.000	n/a	n/a	1	66.864	69.362	63.530	105.103	102.026	110.614	66.585	2.926	105.914	4.351	0.670	0.00043630
IPI:IPI00332887.5	264.433	2.987	0.308	0.00008184	1	53.598	44.187	48.072	43.438	52.202	46.789	48.619	4.729	47.476	4.422	-0.034	0.77556013
IPI:IPI00333010.8	509.002	12.696	0.165	0.01004933	4	289.837	271.317	290.355	237.391	272.911	255.346	283.836	10.845	255.216	17.760	-0.153	0.08966781
IPI:IPI00333016.6	97.807	3.527	0.011	0.78013984	4	199.595	182.843	190.622	211.727	223.015	214.472	191.020	8.383	216.405	5.887	0.180	0.01611256
IPI:IPI00333063.1	0.000	0.000	n/a	n/a	1	54.713	50.045	60.412	58.470	67.792	55.129	55.057	5.192	60.464	6.563	0.135	0.33016200
IPI:IPI00333067.3	634.501	26.226	0.016	0.72871725	15	603.292	600.999	621.631	585.701	597.454	583.831	608.641	11.308	588.995	7.385	-0.047	0.07546444
IPI:IPI00333068.4	554.217	5.594	0.210	0.03317218	6	275.267	266.839	276.531	112.427	123.526	111.488	272.879	5.269	115.814	6.696	-1.236	0.00001039
IPI:IPI00333072.5	217.417	8.473	0.952	0.00090769	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00333143.3	854.603	23.959	0.160	0.01214090	1	134.169	122.651	129.937	33.518	42.399	41.442	128.919	5.826	39.119	4.875	-1.721	0.00004318
IPI:IPI00333197.4	485.842	5.584	0.048	0.04674419	11	449.271	465.091	452.773	468.725	450.837	454.639	455.712	8.309	458.067	9.424	0.007	0.76246854
IPI:IPI00333215.1	421.011	17.002	-0.098	0.21275008	17	591.622	552.426	554.860	736.692	723.777	748.091	566.303	21.961	736.187	12.165	0.378	0.00110418
IPI:IPI00333410.1	288.095	11.111	0.125	0.05198436	3	99.856	89.719	104.106	138.482	140.772	138.449	97.894	7.392	139.234	1.332	0.508	0.00880048
IPI:IPI00333420.5	0.000	0.000	n/a	n/a	2	56.424	55.682	49.510	79.617	72.567	69.152	53.872	3.796	73.779	5.336	0.454	0.00824587
IPI:IPI00333559.1	133.158	3.361	0.021	0.44370566	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00333619.4	195.909	6.264	0.070	0.14832107	12	595.954	626.388	620.149	617.302	619.231	633.805	614.164	16.076	623.446	9.023	0.022	0.44472857
IPI:IPI00333699.5	60.280	6.154	-0.064	0.69027964	7	507.589	610.960	538.909	519.858	441.257	514.120	552.486	53.006	491.745	43.818	-0.168	0.20388248
IPI:IPI00333763.7	0.000	0.000	n/a	n/a	3	157.433	125.451	156.293	182.754	218.460	196.833	146.392	18.145	199.349	17.985	0.445	0.02297553
IPI:IPI00333770.6	725.045	49.317	0.282	0.02519040	1	20.064	20.366	19.153	31.986	32.059	32.116	19.861	0.632	32.054	0.065	0.691	0.00080087
IPI:IPI00333771.1	8,801.700	298.946	-0.078	0.11509014	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00333908.1	68.937	1.019	0.030	0.73414279	7	323.015	325.280	324.215	353.657	347.302	358.468	324.170	1.133	353.142	5.601	0.123	0.00993473
IPI:IPI00333913.9	328.190	12.612	0.250	0.00956800	3	103.743	104.617	108.069	86.048	82.223	84.123	105.476	2.287	84.132	1.913	-0.326	0.00029095
IPI:IPI00334159.6	720.778	4.193	0.038	0.17558401	5	213.995	184.970	211.453	184.701	212.577	189.043	203.473	16.074	195.440	14.999	-0.058	0.56267837
IPI:IPI00334190.4	263.236	2.648	0.110	0.00090126	48	1,820.270	1,824.920	1,882.390	2,092.180	2,144.690	2,091.390	1,842.527	34.601	2,109.420	30.547	0.195	0.00060511
IPI:IPI00334282.2	701.799	22.164	0.134	0.02546515	13	550.546	575.377	537.859	648.332	619.663	641.544	554.594	19.084	636.513	14.982	0.199	0.00505762
IPI:IPI00334410.1	270.660	10.244	0.151	0.05350243	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00334532.3	0.000	0.000	n/a	n/a	17	666.901	630.308	658.124	594.260	643.236	605.297	651.778	19.104	614.264	25.690	-0.086	0.11814689
IPI:IPI00334579.2	0.000	0.000	n/a	n/a	1	58.829	49.300	62.650	52.188	72.841	63.104	56.926	6.875	62.711	10.333	0.140	0.47105850
IPI:IPI00334587.1	1,330.413	81.591	-0.163	0.06161523	28	1,691.100	1,553.660	1,620.540	1,608.560	1,711.960	1,605.820	1,621.767	68.728	1,642.113	60.505	0.018	0.72080078
IPI:IPI00334657.7	704.409	38.380	0.155	0.10941217	1	179.451	210.046	168.878	181.093	134.301	174.828	186.125	21.380	163.407	25.401	-0.188	0.30337877
IPI:IPI00334715.4	535.883	25.754	-0.009	0.85895322	4	44.415	46.948	50.429	49.447	57.858	51.246	47.264	3.020	52.850	4.429	0.161	0.15502266
IPI:IPI00334907.3	910.277	29.934	0.102	0.13690639	17	661.946	649.028	656.822	353.145	347.760	365.777	655.932	6.505	355.561	9.248	-0.883	0.00000435
IPI:IPI00334914.2	102.348	6.818	0.278	0.02690982	3	88.282	78.454	91.800	124.512	129.310	130.216	86.179	6.917	128.013	3.065	0.571	0.00340301
IPI:IPI00335001.2	0.000	0.000	n/a	n/a	2	89.149	95.990	101.615	87.715	87.465	83.670	95.585	6.243	86.283	2.267	-0.148	0.11076029
IPI:IPI00335085.5	113.383	7.043	0.181	0.07338002	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00335131.4	72.153	2.467	0.221	0.05330117	4	227.116	225.324	228.897	227.415	249.297	239.753	227.112	1.787	238.822	10.971	0.073	0.20327933
IPI:IPI00335168.9	1,283.720	102.602	-0.526	0.00570833	53	2,490.560	2,483.140	2,476.140	2,339.470	2,339.910	2,331.570	2,483.280	7.211	2,336.983	4.693	-0.088	0.00003031
IPI:IPI00335259.6	92.191	5.888	-0.641	0.00042530	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00335280.3	0.000	0.000	n/a	n/a	7	201.569	212.107	197.464	255.320	244.988	255.551	203.713	7.553	251.953	6.033	0.307	0.00121710
IPI:IPI00335385.4	263.446	16.484	0.051	0.46249951	9	346.460	318.047	328.755	399.843	410.544	389.470	331.087	14.349	399.952	10.537	0.273	0.00349457
IPI:IPI00335421.4	0.000	0.000	n/a	n/a	2	12.044	14.255	12.583	15.522	15.589	13.945	12.961	1.153	15.018	0.931	0.213	0.07678246
IPI:IPI00335541.4	0.000	0.000	n/a	n/a	3	197.998	172.508	210.275	186.731	223.599	200.740	193.594	19.265	203.690	18.610	0.073	0.55052923
IPI:IPI00335581.5	0.000	0.000	n/a	n/a	1	55.941	52.448	64.362	71.312	75.474	66.627	57.584	6.125	71.137	4.426	0.305	0.04092345
IPI:IPI00335589.5	0.000	0.000	n/a	n/a	6	212.040	205.398	222.424	191.739	215.162	202.502	213.287	8.581	203.134	11.724	-0.070	0.29897909
IPI:IPI00335641.4	0.000	0.000	n/a	n/a	18	1,036.840	1,068.940	1,019.210	904.642	881.623	916.086	1,041.663	25.213	900.784	17.552	-0.210	0.00215976

IPI:IPI00335849.3	RASAL2	RAS protein activator like 2 isoform 2	4	232.362	228.982	238.646	233.899	234.785	223.628	233.330	4.904
IPI:IPI00335946.4	FAM120B	cDNA FLJ56631	1	4.105	4.900	3.423	5.224	5.075	6.213	4.143	0.739
IPI:IPI00336000.6	ZCCHC6	Isoform 6 of Zinc finger CCHC domain-containing protein 6	1	49.841	54.802	47.066	63.961	46.015	62.985	50.569	3.919
IPI:IPI00336016.3	CARS2	Probable cysteinyl-tRNA synthetase, mitochondrial	2	68.681	68.536	71.659	69.219	85.515	72.029	69.625	1.763
IPI:IPI00336047.5	MYO9B	Isoform Long of Myosin-IXb	13	900.598	985.287	907.594	894.481	810.039	912.724	931.160	47.006
IPI:IPI00337307.3	TRMT2A	Isoform 1 of tRNA (uracil-5-)-methyltransferase homolog A (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337315.1	RBBP6	Isoform 1 of Retinoblastoma-binding protein 6	1	48.404	54.967	50.477	57.786	55.455	58.780	51.282	3.355
IPI:IPI00337325.3	HMMR	Isoform A of Hyaluronan mediated motility receptor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337335.6	MYH14	Isoform 1 of Myosin-14	6	409.465	464.955	403.953	422.865	386.808	417.235	426.124	33.741
IPI:IPI00337385.3	PRPF40A	Isoform 1 of Pre-mRNA-processing factor 40 homolog A	12	909.866	808.178	924.309	696.028	804.041	746.620	880.784	63.292
IPI:IPI00337415.9	GNAI1	Guanine nucleotide-binding protein G(i), alpha-1 subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337426.1	BMP2K	Isoform 1 of BMP-2-inducible protein kinase	1	8.637	7.605	10.057	8.227	7.491	8.157	8.766	1.231
IPI:IPI00337454.5	TNNT3	29 kDa protein	3	6.679	851.101	0.000	835.808	733.740	9.386	285.927	489.467
IPI:IPI00337494.7	SLC25A24	Isoform 1 of Calcium-binding mitochondrial carrier protein SCaMC-1	13	898.843	976.948	872.071	1,025.980	949.995	990.474	915.954	54.492
IPI:IPI00337495.3	PLOD2	Isoform 2 of Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	21	1,590.220	1,486.910	1,567.250	1,277.960	1,380.980	1,305.780	1,548.127	54.245
IPI:IPI00337530.4	REPS1	RALBP1 associated Eps domain containing 1, isoform CRA_e	3	121.539	114.628	121.832	128.301	151.696	147.857	119.333	4.077
IPI:IPI00337541.3	NNT	NAD(P) transhydrogenase, mitochondrial	22	1,354.430	1,338.600	1,371.430	1,406.010	1,476.750	1,439.660	1,354.820	16.418
IPI:IPI00337544.7	PDE4DIP	Isoform 2 of Myomegalin	2	136.020	116.252	135.420	130.834	139.847	132.518	129.231	11.244
IPI:IPI00337548.6	CGREF1	Cell growth regulator with EF hand domain protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337574.4	ANKRD39	Ankyrin repeat domain-containing protein 39	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337602.4	ZNF326	Zinc finger protein 326, isoform CRA_a	3	234.584	247.243	228.246	251.872	240.246	254.616	236.691	9.672
IPI:IPI00337612.2	DCBLD1	Discoidin, CUB and LCCL domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337657.3	NPHP3;ACAD	Isoform 2 of Nephrocystin-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337696.3	RAPGEF6	RAPGEF6 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337736.1	KTN1	Isoform 2 of Kinectin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00337741.4	APEH	Acylamino-acid-releasing enzyme	7	405.560	353.045	401.890	421.268	470.326	442.883	386.832	29.318
IPI:IPI00339297.1	GALNT4	Polypeptide N-acetylgalactosaminyltransferase 4	1	54.383	64.643	53.226	75.674	63.991	73.467	57.417	6.284
IPI:IPI00339320.5	KANK1	KN motif and ankyrin repeat domain-containing protein 1	2	100.867	106.450	106.401	106.887	108.176	114.288	104.573	3.209
IPI:IPI00339379.3	ARHGEF1	Isoform 2 of Rho guanine nucleotide exchange factor 1	2	41.430	55.948	39.848	56.453	39.437	54.122	45.742	8.874
IPI:IPI00339381.3	HLTF	Isoform 1 of Helicase-like transcription factor	1	27.295	19.107	26.131	21.086	22.249	20.203	24.178	4.430
IPI:IPI00339384.5	RDH11	Isoform 1 of Retinol dehydrogenase 11	5	288.760	281.617	272.337	329.666	356.661	352.279	280.905	8.235
IPI:IPI00373869.5	C17orf49	hypothetical protein LOC124944 isoform 1	1	29.689	24.399	28.328	30.717	31.682	30.662	27.472	2.747
IPI:IPI00373870.3	LOC732272;	Isoform 1 of Chromodomain-helicase-DNA-binding protein 3	3	62.474	61.329	65.017	51.964	44.046	54.022	62.940	1.888
IPI:IPI00374054.3	ENAH	Isoform 2 of Protein enabled homolog	24	1,527.480	1,482.180	1,616.910	1,348.040	1,436.020	1,416.860	1,542.190	68.559
IPI:IPI00374476.1	GPATCH4	G patch domain containing 4 isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00374563.3	AGRN	Agrin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00374574.2	INPP5K	Isoform 1 of Inositol polyphosphate 5-phosphatase K	2	135.853	129.752	137.822	127.645	144.543	128.264	134.476	4.208
IPI:IPI00374590.4	CASC4	cancer susceptibility candidate 4 isoform a	6	395.801	402.001	399.797	533.119	493.536	535.304	399.200	3.143
IPI:IPI00374694.2	CDK5RAP3	16 kDa protein	1	53.432	47.079	54.415	52.967	67.126	56.793	51.642	3.982
IPI:IPI00374970.4	41527	Isoform 1 of Septin-10	2	23.018	22.702	21.433	23.230	22.404	24.900	22.384	0.839
IPI:IPI00375205.1	GALNT10	Isoform 1 of Polypeptide N-acetylgalactosaminyltransferase 10	3	120.953	122.119	117.108	129.383	124.361	132.775	120.060	2.622
IPI:IPI00375330.6	WAPAL	Isoform 1 of Wings apart-like protein homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00375358.2	RFC1	Isoform 1 of Replication factor C subunit 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00375370.1	SEC13	Protein SEC13 homolog	13	736.901	789.858	763.502	767.587	744.673	779.820	763.420	26.479
IPI:IPI00375380.4	PSMD13	proteasome 26S non-ATPase subunit 13 isoform 2	12	1,068.750	1,000.780	1,035.840	1,011.100	1,113.270	1,051.280	1,035.123	33.991
IPI:IPI00375441.2	FUBP1	Isoform 1 of Far upstream element-binding protein 1	16	1,359.420	1,340.450	1,343.840	1,046.360	1,102.850	1,078.380	1,347.903	10.117
IPI:IPI00375496.4	JMJD6	Isoform 2 of Histone arginine demethylase JMJD6	2	126.608	113.443	130.932	102.382	111.773	106.172	123.661	9.109
IPI:IPI00375505.3	ZEB1	Zinc finger E-box-binding homeobox 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00375527.4	IMPDH1	inosine monophosphate dehydrogenase 1 isoform a	2	144.255	160.165	151.327	135.412	140.694	137.535	151.916	7.971
IPI:IPI00375600.6	B3GALTL	Beta-1,3-glucosyltransferase	5	361.498	345.627	365.060	405.472	411.758	409.650	357.395	10.346
IPI:IPI00375631.6	ISG15	Interferon-induced 17 kDa protein	1	206.094	145.642	181.468	239.781	263.871	238.267	177.735	30.398
IPI:IPI00375638.7	SAPS2	Isoform 2 of Serine/threonine-protein phosphatase 6 regulatory subunit 2	1	6.850	7.347	9.422	7.650	6.485	6.284	7.873	1.364
IPI:IPI00375653.5	INTS8	Isoform 1 of Integrator complex subunit 8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00335849.3	230.771	6.202	-0.016	0.60715302	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00335946.4	5.504	0.619	0.410	0.07283589	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00336000.6	57.654	10.091	0.189	0.35147577	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00336016.3	75.588	8.712	0.119	0.35812938	1	21.890	17.620	18.830	25.370	29.034	24.564	19.447	2.200	26.323	2.382	0.437	0.02165933
IPI:IPI00336047.5	872.415	54.784	-0.094	0.23381990	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00337307.3	0.000	0.000	n/a	n/a	1	38.836	39.582	41.970	64.195	56.649	62.386	40.129	1.637	61.077	3.940	0.606	0.00524487
IPI:IPI00337315.1	57.340	1.707	0.161	0.06942999	15	507.533	534.122	536.259	424.390	437.363	437.580	525.971	16.004	433.111	7.553	-0.280	0.00345171
IPI:IPI00337325.3	0.000	0.000	n/a	n/a	7	248.838	220.199	236.767	232.366	247.194	244.593	235.268	14.378	241.384	7.918	0.037	0.56345430
IPI:IPI00337335.6	408.969	19.398	-0.059	0.49805008	12	561.288	599.463	579.801	328.333	304.140	343.892	580.184	19.090	325.455	20.032	-0.834	0.00009521
IPI:IPI00337385.3	748.896	54.042	-0.234	0.05316580	25	1,501.570	1,475.090	1,511.030	1,487.760	1,527.530	1,500.380	1,495.897	18.630	1,505.223	20.323	0.009	0.59028575
IPI:IPI00337415.9	0.000	0.000	n/a	n/a	1	47.551	45.730	46.476	21.636	23.912	23.344	46.586	0.915	22.964	1.185	-1.021	0.00001859
IPI:IPI00337426.1	7.958	0.406	-0.140	0.37575082	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00337454.5	526.311	450.570	0.880	0.56583403	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00337494.7	988.816	38.020	0.110	0.13896070	12	932.035	907.127	935.628	523.284	585.286	538.671	924.930	15.522	549.080	32.285	-0.752	0.00046489
IPI:IPI00337495.3	1,321.573	53.295	-0.228	0.00670406	19	1,061.110	1,059.740	1,085.000	796.569	826.843	815.462	1,068.617	14.205	812.958	15.292	-0.394	0.00003075
IPI:IPI00337530.4	142.618	12.547	0.257	0.07283646	2	58.953	59.177	66.091	75.254	79.617	73.777	61.407	4.058	76.216	3.036	0.312	0.00877311
IPI:IPI00337541.3	1,440.807	35.384	0.089	0.03516570	40	2,282.660	2,220.950	2,296.060	2,327.050	2,415.510	2,365.520	2,266.557	40.061	2,369.360	44.355	0.064	0.04132248
IPI:IPI00337544.7	134.400	4.792	0.057	0.52551346	1	23.731	26.759	20.583	42.444	30.323	36.904	23.691	3.089	36.557	6.068	0.626	0.04736975
IPI:IPI00337548.6	0.000	0.000	n/a	n/a	3	18.465	21.654	19.323	6.031	8.498	5.928	19.814	1.650	6.819	1.455	-1.539	0.00055732
IPI:IPI00337574.4	0.000	0.000	n/a	n/a	1	20.260	16.819	19.451	19.358	25.513	23.753	18.843	1.799	22.875	3.170	0.280	0.14693492
IPI:IPI00337602.4	248.911	7.629	0.073	0.16510772	3	105.372	97.805	105.601	96.510	111.101	105.570	102.926	4.436	104.394	7.366	0.020	0.78556873
IPI:IPI00337612.2	0.000	0.000	n/a	n/a	2	46.069	46.457	47.742	66.325	62.173	68.327	46.756	0.876	65.608	3.139	0.489	0.00594999
IPI:IPI00337657.3	0.000	0.000	n/a	n/a	1	25.288	26.506	22.510	30.432	28.621	26.207	24.768	2.048	28.420	2.120	0.198	0.09861630
IPI:IPI00337696.3	0.000	0.000	n/a	n/a	2	4.869	7.350	6.712	8.323	3.164	6.146	6.310	1.288	5.878	2.590	-0.102	0.81329772
IPI:IPI00337736.1	0.000	0.000	n/a	n/a	4	141.493	135.480	136.884	206.458	192.341	197.227	137.952	3.146	198.675	7.169	0.526	0.00139231
IPI:IPI00337741.4	444.826	24.587	0.202	0.06030861	4	158.448	184.127	171.979	262.157	222.188	245.318	171.518	12.846	243.221	20.067	0.504	0.00999511
IPI:IPI00339297.1	71.044	6.207	0.307	0.05587199	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00339320.5	109.784	3.954	0.070	0.15410336	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00339379.3	50.004	9.225	0.129	0.59517794	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00339381.3	21.179	1.026	-0.191	0.36210623	11	466.322	498.057	470.314	688.246	614.823	697.582	478.231	17.285	666.884	45.327	0.480	0.01072988
IPI:IPI00339384.5	346.202	14.487	0.302	0.00548769	2	87.090	95.472	94.942	57.620	62.484	60.427	92.501	4.694	60.177	2.442	-0.620	0.00178098
IPI:IPI00373869.5	31.020	0.574	0.175	0.15000900	1	18.865	16.809	18.813	8.868	10.439	8.948	18.162	1.172	9.418	0.885	-0.947	0.00071882
IPI:IPI00373870.3	50.010	5.267	-0.332	0.03884342	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00374054.3	1,400.307	46.267	-0.139	0.04857145	9	327.732	342.416	321.746	370.966	343.713	354.884	330.631	10.636	356.521	13.700	0.109	0.06472906
IPI:IPI00374476.1	0.000	0.000	n/a	n/a	4	86.939	88.896	88.611	94.806	89.344	93.634	88.148	1.057	92.594	2.875	0.071	0.10230592
IPI:IPI00374563.3	0.000	0.000	n/a	n/a	6	164.289	193.141	160.987	209.002	182.346	209.066	172.806	17.688	200.138	15.408	0.212	0.11513654
IPI:IPI00374574.2	133.484	9.582	-0.011	0.88117337	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00374590.4	520.653	23.509	0.383	0.01120006	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00374694.2	58.962	7.325	0.191	0.22351159	1	113.806	91.037	126.126	28.697	39.108	34.678	110.323	17.802	34.161	5.225	-1.691	0.01240418
IPI:IPI00374970.4	23.511	1.272	0.071	0.27919391	10	163.515	181.528	159.692	193.638	168.068	184.194	168.245	11.661	181.967	12.930	0.113	0.24475244
IPI:IPI00375205.1	128.840	4.233	0.102	0.04819383	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00375330.6	0.000	0.000	n/a	n/a	19	796.013	749.410	754.183	970.852	983.291	983.522	766.535	25.640	979.222	7.249	0.353	0.00281242
IPI:IPI00375358.2	0.000	0.000	n/a	n/a	1	40.828	30.764	37.120	31.194	36.566	32.723	36.237	5.089	33.494	2.768	-0.114	0.47100512
IPI:IPI00375370.1	764.027	17.842	0.001	0.97565348	9	379.220	345.131	387.031	253.751	282.506	254.933	370.461	22.281	263.730	16.271	-0.490	0.00352452
IPI:IPI00375380.4	1,058.550	51.472	0.032	0.55184296	10	648.656	655.466	649.635	436.913	448.521	445.006	651.252	3.682	443.480	5.953	-0.554	0.00000618
IPI:IPI00375441.2	1,075.863	28.329	-0.325	0.00147093	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00375496.4	106.776	4.725	-0.212	0.06509874	4	232.097	238.629	230.366	204.345	191.779	211.263	233.697	4.358	202.462	9.877	-0.207	0.01878669
IPI:IPI00375505.3	0.000	0.000	n/a	n/a	1	40.628	42.776	45.165	52.555	39.911	50.823	42.857	2.270	47.763	6.855	0.156	0.34153774
IPI:IPI00375527.4	137.880	2.658	-0.140	0.08055695	7	321.790	319.344	324.228	371.381	368.106	381.613	321.787	2.442	373.700	7.046	0.216	0.00293407
IPI:IPI00375600.6	408.960	3.199	0.194	0.00838223	5	188.444	204.466	192.701	231.045	185.188	216.384	195.204	8.299	210.872	23.420	0.111	0.36941607
IPI:IPI00375631.6	247.306	14.365	0.477	0.04042950	1	20.865	22.218	24.280	14.406	11.871	14.276	22.454	1.720	13.518	1.428	-0.732	0.00259142
IPI:IPI00375638.7	6.806	0.737	-0.210	0.31846366	1	22.449	18.244	21.034	27.959	29.921	29.542	20.576	2.140	29.141	1.041	0.502	0.00922508
IPI:IPI00375653.5	0.000	0.000	n/a	n/a	1	19.048	17.844	17.756	16.730	16.055	18.235	18.216	0.722	17.007	1.116	-0.099	0.20196664

IPI:IPI00375676.3	FTL	Ferritin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00375677.1	MRPL21	Mitochondrial ribosomal protein L21 isoform d	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00375684.6	C4orf41	Isoform 3 of UPF0636 protein C4orf41	2	21.907	17.862	17.977	25.792	15.915	22.732	19.249	2.303
IPI:IPI00375731.1	RBM10	Putative uncharacterized protein DKFZp686E2459	5	345.441	344.169	352.108	376.703	359.435	388.969	347.239	4.264
IPI:IPI00375957.3	COMMD6	Isoform 1 of COMM domain-containing protein 6	2	191.382	185.161	178.183	187.928	194.746	185.096	184.909	6.603
IPI:IPI00376005.2	EIF5A	Isoform 2 of Eukaryotic translation initiation factor 5A-1	1	2.463	3.321	2.753	3.894	2.032	4.411	2.846	0.436
IPI:IPI00376035.2	C6orf120	cDNA FLJ55847	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00376119.1	PRKACB	Isoform 2 of cAMP-dependent protein kinase catalytic subunit beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00376144.3	LRCH1	Isoform 2 of Leucine-rich repeat and calponin homology domain-containing protein 1	1	63.979	54.615	59.333	58.951	67.020	63.622	59.309	4.682
IPI:IPI00376195.5	ISCA2	Iron-sulfur cluster assembly 2 homolog, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00376199.4	IRF2BP2	Isoform 1 of Interferon regulatory factor 2-binding protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00376221.2	EPB41L5	Isoform 1 of Band 4.1-like protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00376229.1	PACS1	Isoform 1 of Phosphofurin acidic cluster sorting protein 1	2	153.802	131.943	159.004	126.370	165.488	152.258	148.250	14.360
IPI:IPI00376259.1	SRGAP1	Isoform 1 of SLIT-ROBO Rho GTPase-activating protein 1	1	60.845	60.855	66.428	45.372	52.804	48.092	62.709	3.220
IPI:IPI00376317.4	EDC4	Isoform 1 of Enhancer of mRNA-decapping protein 4	2	99.234	105.896	97.109	102.494	92.417	105.256	100.746	4.585
IPI:IPI00376344.3	MYO1B	Isoform 1 of Myosin-Ib	40	2,832.100	2,989.680	2,793.200	2,829.810	2,715.790	2,737.540	2,871.660	104.043
IPI:IPI00376346.5	MTERFD2	mTERF domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00376351.3	METTL2A	Isoform 1 of Methyltransferase-like protein 2A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00376379.4	KRT77	keratin 77	1	51.246	39.538	46.600	18.821	17.017	17.678	45.795	5.896
IPI:IPI00376394.4	QSOX2	Sulfhydryl oxidase 2	3	142.967	127.021	148.380	140.227	163.727	139.153	139.456	11.104
IPI:IPI00376478.4	CMC1	COX assembly mitochondrial protein homolog	3	190.741	198.456	176.952	181.403	182.876	181.854	188.716	10.894
IPI:IPI00376481.6	CENPV	Isoform 3 of Centromere protein V	4	81.073	82.276	79.268	88.352	95.340	92.641	80.872	1.514
IPI:IPI00376798.3	RPL11	Isoform 1 of 60S ribosomal protein L11	18	1,343.550	1,205.440	1,329.330	988.424	1,140.090	1,033.190	1,292.773	75.966
IPI:IPI00376955.3	PCTK2	Serine/threonine-protein kinase PCTAIRE-2	1	102.954	96.404	101.736	43.204	54.280	50.002	100.365	3.484
IPI:IPI00376976.3	ASAP1	Isoform 1 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00377071.2	SSH2	cDNA FLJ58193, highly similar to Protein phosphatase Slingshot homolog 2	1	116.446	117.359	188.943	30.375	31.707	19.606	140.916	41.595
IPI:IPI00377261.1	FUBP3	Isoform 1 of Far upstream element-binding protein 3	8	471.863	511.648	484.249	538.954	515.470	553.394	489.253	20.359
IPI:IPI00377267.1	PARP9	Isoform 2 of Poly [ADP-ribose] polymerase 9	1	7.708	10.742	9.064	13.234	11.498	12.386	9.171	1.520
IPI:IPI00382412.5	BCAT1	Branched-chain-amino-acid aminotransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00382432.1	GNPTAB	Isoform 1 of N-acetylglucosamine-1-phosphotransferase subunits alpha/beta	2	58.625	69.187	58.593	70.453	52.184	63.217	62.135	6.108
IPI:IPI00382452.1	CHMP1A	Isoform 1 of Charged multivesicular body protein 1a	2	115.435	110.124	111.079	106.436	113.859	116.860	112.213	2.831
IPI:IPI00382470.3	HSP90AA1	heat shock 90kDa protein 1, alpha isoform 1	88	6,696.680	6,777.750	7,131.360	6,414.010	6,634.730	6,229.720	6,868.597	231.142
IPI:IPI00382587.3	SCHIP1	Isoform 5 of Schwannomin-interacting protein 1	1	30.962	32.877	32.520	29.191	28.643	32.213	32.120	1.018
IPI:IPI00382589.4	RREB1	Putative uncharacterized protein RREB1 (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00382787.1	LRCH3	Isoform 1 of Leucine-rich repeat and calponin homology domain-containing protein 3	3	219.392	213.174	223.568	195.066	200.255	195.682	218.711	5.230
IPI:IPI00382894.2	TPM3	Tropomyosin 3, isoform CRA_b	3	139.029	118.756	129.920	112.179	126.462	113.344	129.235	10.154
IPI:IPI00382958.1	MTAP	MTAP protein	3	151.005	153.020	146.591	141.283	156.053	145.202	150.205	3.288
IPI:IPI00383046.3	CMBL	Carboxymethylenebutenolidase homolog	1	215.673	183.084	221.308	238.831	290.668	230.205	206.688	20.635
IPI:IPI00383132.6	ZBTB10	Isoform 1 of Zinc finger and BTB domain-containing protein 10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00383163.5	THYN1	Isoform 1 of Thymocyte nuclear protein 1	3	284.530	270.336	292.761	248.401	260.127	247.308	282.542	11.344
IPI:IPI00383296.5	HNRNPM	Isoform 2 of Heterogeneous nuclear ribonucleoprotein M	42	2,003.520	2,029.950	2,044.790	1,840.600	1,839.210	1,837.950	2,026.087	20.904
IPI:IPI00383444.2	TCP11L1	T-complex protein 11-like protein 1	2	53.922	49.426	49.252	37.265	38.461	38.634	50.867	2.647
IPI:IPI00383565.5	BAZ1A	Isoform 2 of Bromodomain adjacent to zinc finger domain protein 1A	1	64.429	71.163	63.870	60.769	49.015	58.634	66.487	4.059
IPI:IPI00383580.4	INPP5F	cDNA FLJ34129 fis, clone FCBBF3010142, highly similar to Homo sapiens inositol polyphosphate-5-phosphatase F (INPP5F), transcript variant 1, mRNA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00383597.2	SLC4A2	Isoform A of Anion exchange protein 2	2	41.708	41.151	42.746	68.878	61.545	70.591	41.868	0.809
IPI:IPI00383645.3	PALLD	Isoform 4 of Palladin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00383670.3	TPD52L1	Isoform 1 of Tumor protein D53	1	39.487	40.558	36.055	52.996	38.878	54.122	38.700	2.352

IPI:IPI00375676.3	0.000	0.000	n/a	n/a	3	97.599	103.120	99.703	97.676	90.072	99.093	100.141	2.786	95.614	4.851	-0.067	0.25095369
IPI:IPI00375677.1	0.000	0.000	n/a	n/a	1	38.813	37.752	40.486	14.607	16.149	15.492	39.017	1.378	15.416	0.774	-1.340	0.00009036
IPI:IPI00375684.6	21.479	5.056	0.158	0.54020162	2	93.759	92.703	85.951	115.372	97.119	106.029	90.804	4.236	106.173	9.127	0.226	0.08250344
IPI:IPI00375731.1	375.036	14.837	0.111	0.07348535	13	468.134	504.414	473.285	691.915	644.125	668.571	481.944	19.629	668.204	23.897	0.471	0.00057841
IPI:IPI00375957.3	189.257	4.960	0.034	0.41772084	1	35.776	51.513	34.841	68.357	46.897	65.876	40.710	9.368	60.377	11.740	0.569	0.08933245
IPI:IPI00376005.2	3.446	1.252	0.276	0.50226091	36	1,478.180	1,473.870	1,510.130	1,419.850	1,556.300	1,452.640	1,487.393	19.808	1,476.263	71.226	-0.011	0.81830764
IPI:IPI00376035.2	0.000	0.000	n/a	n/a	4	58.475	54.539	58.167	67.384	76.386	69.772	57.060	2.189	71.181	4.663	0.319	0.02007083
IPI:IPI00376119.1	0.000	0.000	n/a	n/a	3	81.093	70.652	70.753	84.449	92.274	91.630	74.166	5.999	89.451	4.344	0.270	0.02733452
IPI:IPI00376144.3	63.198	4.051	0.092	0.33912493	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00376195.5	0.000	0.000	n/a	n/a	2	53.528	52.916	53.422	57.699	56.919	55.448	53.289	0.327	56.689	1.143	0.089	0.02811944
IPI:IPI00376199.4	0.000	0.000	n/a	n/a	5	284.248	275.981	280.808	261.698	274.619	271.004	280.346	4.153	269.107	6.666	-0.059	0.08081532
IPI:IPI00376221.2	0.000	0.000	n/a	n/a	3	55.590	52.379	54.004	64.784	59.636	68.047	53.991	1.606	64.156	4.241	0.249	0.03998623
IPI:IPI00376229.1	148.039	19.897	-0.002	0.98901694	2	35.712	32.293	39.050	42.645	53.376	44.768	35.685	3.379	46.930	5.682	0.395	0.05442464
IPI:IPI00376259.1	48.756	3.760	-0.363	0.00864778	2	53.452	52.168	57.387	76.520	76.397	72.694	54.336	2.719	75.204	2.174	0.469	0.00061872
IPI:IPI00376317.4	100.056	6.758	-0.010	0.89176451	4	90.663	82.210	90.083	128.806	144.263	132.427	87.652	4.722	135.165	8.084	0.625	0.00234080
IPI:IPI00376344.3	2,761.047	60.536	-0.057	0.20424790	16	1,047.460	1,052.230	1,067.200	493.328	512.033	493.462	1,055.630	10.300	499.608	10.761	-1.079	0.00000037
IPI:IPI00376346.5	0.000	0.000	n/a	n/a	1	3.221	2.868	3.815	3.014	4.365	4.764	3.301	0.479	4.048	0.917	0.294	0.30146047
IPI:IPI00376351.3	0.000	0.000	n/a	n/a	6	226.416	229.994	222.648	297.117	307.457	292.439	226.353	3.673	299.004	7.685	0.402	0.00085717
IPI:IPI00376379.4	17.839	0.912	-1.360	0.01298762	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00376394.4	147.702	13.888	0.083	0.46959581	7	334.746	298.723	341.008	371.788	404.648	381.190	324.826	22.821	385.875	16.924	0.248	0.02360799
IPI:IPI00376478.4	182.044	0.755	-0.052	0.40003984	9	357.853	343.880	345.897	303.558	307.214	301.216	349.210	7.553	303.996	3.023	-0.200	0.00406285
IPI:IPI00376481.6	92.111	3.524	0.188	0.01878669	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00376798.3	1,053.901	77.925	-0.295	0.01910840	21	809.704	776.675	811.391	693.213	754.926	725.577	799.257	19.574	724.572	30.869	-0.142	0.03163095
IPI:IPI00376955.3	49.162	5.585	-1.030	0.00049806	2	182.614	165.699	180.608	187.484	213.928	193.652	176.307	9.241	198.355	13.835	0.170	0.09319153
IPI:IPI00376976.3	0.000	0.000	n/a	n/a	4	161.029	157.429	162.868	135.843	149.997	141.438	160.442	2.767	142.426	7.129	-0.172	0.03506317
IPI:IPI00377071.2	27.229	6.636	-2.372	0.03891322	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00377261.1	535.939	19.141	0.131	0.04460799	23	638.905	614.010	655.283	891.433	906.243	882.301	636.066	20.782	893.326	12.083	0.490	0.00022543
IPI:IPI00377267.1	12.373	0.868	0.432	0.04671746	4	70.679	85.220	82.929	96.645	89.394	102.963	79.609	7.819	96.334	6.790	0.275	0.05011843
IPI:IPI00382412.5	0.000	0.000	n/a	n/a	2	213.499	194.720	221.141	8.785	12.857	10.428	209.787	13.596	10.690	2.049	-4.295	0.00125769
IPI:IPI00382432.1	61.951	9.200	-0.004	0.97899850	1	20.892	24.417	21.260	36.971	29.800	34.204	22.190	1.938	33.658	3.616	0.601	0.01606925
IPI:IPI00382452.1	112.385	5.366	0.002	0.96419574	2	101.056	106.101	96.323	137.929	126.263	130.613	101.160	4.890	131.602	5.896	0.380	0.00264724
IPI:IPI00382470.3	6,426.153	202.778	-0.096	0.06860633	130	5,542.890	5,540.900	5,382.610	5,477.310	5,351.210	5,497.630	5,488.800	91.969	5,442.050	79.323	-0.012	0.54282879
IPI:IPI00382587.3	30.016	1.922	-0.098	0.19154433	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00382589.4	0.000	0.000	n/a	n/a	2	28.510	32.682	28.914	43.862	28.727	40.125	30.035	2.301	37.571	7.884	0.323	0.23526412
IPI:IPI00382787.1	197.001	2.835	-0.151	0.00742959	2	25.582	38.975	25.356	53.261	29.300	45.058	29.971	7.798	42.540	12.177	0.505	0.21927192
IPI:IPI00382894.2	117.328	7.931	-0.139	0.18886563	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00382958.1	147.513	7.651	-0.026	0.61837577	2	276.934	259.927	293.190	9.943	17.530	15.582	276.684	16.633	14.352	3.940	-4.269	0.00079297
IPI:IPI00383046.3	253.235	32.704	0.293	0.11846438	1	39.568	40.680	36.563	42.536	36.980	40.784	38.937	2.130	40.100	2.841	0.042	0.60397592
IPI:IPI00383132.6	0.000	0.000	n/a	n/a	1	25.003	20.194	20.048	35.495	35.647	34.155	21.748	2.820	35.099	0.821	0.691	0.00987681
IPI:IPI00383163.5	251.945	7.107	-0.165	0.02330286	7	331.132	365.423	324.359	389.349	346.756	389.254	340.305	22.015	375.120	24.564	0.141	0.14262523
IPI:IPI00383296.5	1,839.253	1.326	-0.140	0.00403203	69	2,703.180	2,627.290	2,633.300	2,695.230	2,752.640	2,705.680	2,654.590	42.187	2,717.850	30.579	0.034	0.11004237
IPI:IPI00383444.2	38.120	0.746	-0.416	0.00973699	1	51.631	60.019	49.731	18.944	18.429	22.721	53.794	5.474	20.031	2.343	-1.425	0.00341023
IPI:IPI00383565.5	56.139	6.261	-0.244	0.08504798	2	115.596	128.928	118.918	128.249	138.985	134.714	121.147	6.940	133.983	5.405	0.145	0.06862419
IPI:IPI00383580.4	0.000	0.000	n/a	n/a	1	49.921	52.218	53.053	68.774	71.462	71.351	51.730	1.622	70.529	1.521	0.447	0.00013044
IPI:IPI00383597.2	67.005	4.805	0.678	0.01034992	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00383645.3	0.000	0.000	n/a	n/a	2	181.615	157.238	184.703	2.499	7.875	6.524	174.519	15.045	5.633	2.797	-4.953	0.00199040
IPI:IPI00383670.3	48.665	8.495	0.331	0.17299820	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00383730.1	CACNA2D1	Neuronal voltage-dependent calcium channel alpha 2D subunit	2	21.667	19.123	21.723	19.771	22.727	19.250	20.838	1.485
IPI:IPI00383751.1	-	CALRETICULIN=CALCIUM binding protein (Fragment)	7	490.599	423.945	466.717	446.707	508.313	468.272	460.420	33.770
IPI:IPI00383823.5	PRPF39	cDNA FLJ20666 fis, clone KAIA608	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00383951.6	SDK1	Putative uncharacterized protein SDK1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00383971.4	PSMB5	proteasome beta 5 subunit isoform 3	2	101.003	84.873	105.049	115.152	138.504	122.817	96.975	10.674
IPI:IPI00384016.1	DLST;DLSTP	Full-length cDNA 5-PRIME end of clone CS0DJ009YL13 of T cells (Jurkat cell line) of Homo sapiens (Fragment)	1	125.295	121.269	99.916	163.481	127.372	140.865	115.493	13.640
IPI:IPI00384051.6	PSME2	Putative uncharacterized protein PSME2	13	1,034.950	1,073.240	1,011.090	953.734	938.118	912.647	1,039.760	31.353
IPI:IPI00384157.1	TDP1	Full-length cDNA clone CS0DI031YK16 of Placenta of Homo sapiens	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00384202.3	JMJD1C	Isoform 1 of Probable JmjC domain-containing histone demethylation protein 2C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00384236.1	NRBF2	Isoform 2 of Nuclear receptor-binding factor 2	1	117.240	95.371	117.592	112.958	140.460	126.407	110.068	12.729
IPI:IPI00384280.5	PCYOX1	Prenylcysteine oxidase 1	9	369.662	342.978	364.885	465.692	488.592	492.735	359.175	14.229
IPI:IPI00384297.2	CBR4	Isoform 1 of Carbonyl reductase 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00384342.3	UIMC1	80 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00384444.6	KRT14	Keratin, type I cytoskeletal 14	6	292.850	274.981	293.779	305.058	325.821	306.082	287.203	10.595
IPI:IPI00384456.4	MSH6	Isoform GTBP-N of DNA mismatch repair protein Msh6	2	88.558	70.946	82.100	64.528	66.834	68.065	80.535	8.910
IPI:IPI00384463.4	EIF4G1	96 kDa protein	1	81.379	85.774	80.932	132.308	105.803	125.521	82.695	2.676
IPI:IPI00384541.4	RPRD2	Isoform 1 of Regulation of nuclear pre-mRNA domain-containing protein 2	1	13.389	14.306	15.164	19.346	16.594	15.883	14.286	0.888
IPI:IPI00384597.1	PHC2	Polyhomeotic 2 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00384643.2	TP53I3	Isoform 1 of Putative quinone oxidoreductase	7	432.836	374.810	428.382	484.960	547.925	508.454	412.009	32.292
IPI:IPI00384646.7	C22orf25	Isoform 3 of Uncharacterized protein C22orf25	2	11.329	9.017	13.394	10.662	12.611	8.860	11.247	2.190
IPI:IPI00384653.1	PTMA;PTMAP	Prothymosin a14	1	10.221	11.339	11.032	16.108	16.925	14.066	10.864	0.578
IPI:IPI00384689.3	PDXDC1	Isoform 1 of Pyridoxal-dependent decarboxylase domain-containing protein 1	9	719.979	734.062	704.099	834.818	827.519	851.937	719.380	14.990
IPI:IPI00384707.2	EARS2	EARS2 protein	1	66.327	54.529	61.172	61.838	70.195	65.616	60.676	5.915
IPI:IPI00384708.2	PDSS2	Isoform 1 of Decaprenyl-diphosphate synthase subunit 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00384745.3	GNL1	HSR1 protein	1	64.451	74.743	73.636	99.110	89.051	77.773	70.943	5.649
IPI:IPI00384786.6	XIRP1	cDNA FLJ16222 fis, clone CTONG3002947, highly similar to Homo sapiens cardiomyopathy associated 1 (CMYA1), mRNA	2	24.476	22.120	24.112	31.813	30.852	29.207	23.569	1.268
IPI:IPI00384861.3	GIT1	Isoform 1 of ARF GTPase-activating protein GIT1	2	15.193	10.017	16.755	16.621	21.369	17.350	13.988	3.527
IPI:IPI00384867.4	SLC35B2	Isoform 2 of Adenosine 3'-phospho 5'-phosphosulfate transporter 1	4	134.645	144.600	135.381	219.533	196.536	228.125	138.209	5.547
IPI:IPI00384909.3	KIDINS220	Isoform 2 of Kinase D-interacting substrate of 220 kDa	9	516.321	581.521	512.590	709.773	650.500	710.996	536.811	38.765
IPI:IPI00384938.1	IGHG1;IGHG	Putative uncharacterized protein DKFZp686N02209	1	0.000	0.001	0.000	2.506	2.282	0.000	0.000	0.000
IPI:IPI00384992.7	MYL4	Myosin light chain 4	2	43.258	48.483	47.030	42.311	44.566	43.305	46.257	2.697
IPI:IPI00385001.4	NUP188	Isoform 2 of Nucleoporin NUP188 homolog	3	35.267	37.583	39.975	30.793	28.522	38.252	37.608	2.354
IPI:IPI00385034.6	SLC9A3R2	Isoform 1 of Na(+)/H(+) exchange regulatory cofactor NHE-RF2	5	291.993	273.317	291.856	206.557	209.313	217.284	285.722	10.743
IPI:IPI00385042.4	GTPBP4	Nucleolar GTP-binding protein 1	7	532.320	479.791	521.810	457.021	509.024	472.435	511.307	27.795
IPI:IPI00385149.1	PTMA;PTMAP	Putative uncharacterized protein	5	251.782	252.135	255.832	222.135	205.249	232.783	253.250	2.243
IPI:IPI00385215.3	NFATC4	Isoform 2 of Nuclear factor of activated T-cells, cytoplasmic 4	3	111.603	115.596	113.420	115.704	109.394	110.653	113.540	1.999
IPI:IPI00385267.4	SRPR	Signal recognition particle receptor subunit alpha	7	517.418	547.201	503.448	505.475	466.072	510.981	522.689	22.348
IPI:IPI00385317.3	TENC1	Isoform 2 of Tensin-like C1 domain-containing phosphatase	1	37.577	57.802	48.520	41.588	33.488	42.350	47.966	10.124
IPI:IPI00385449.4	PRKCA	Protein kinase C alpha type	12	913.756	890.420	934.785	959.140	995.871	944.463	912.987	22.192
IPI:IPI00385455.3	TEAD3	TEA domain family member 3 (Fragment)	1	80.781	70.207	79.274	44.492	62.875	52.055	76.754	5.720
IPI:IPI00385495.5	LMF2	Isoform 1 of Lipase maturation factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00385511.5	TNRC6B	Putative uncharacterized protein TNRC6B	4	97.056	85.610	95.139	97.796	101.985	106.535	92.601	6.130
IPI:IPI00385543.1	KIAA0907	Isoform 3 of UPF0469 protein KIAA0907	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00385562.1	QKI	Isoform 6 of Protein quaking	8	526.067	537.541	513.905	553.636	498.002	534.581	525.838	11.820
IPI:IPI00385631.7	ZZEF1	Isoform 1 of Zinc finger ZZ-type and EF-hand domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00385642.1	SNRNP40	WD repeat domain 57 (U5 snRNP specific), isoform CRA_b	1	26.981	27.807	30.584	31.462	32.367	21.333	28.457	1.887
IPI:IPI00385751.5	FUCA1	Putative uncharacterized protein FUCA1	1	13.254	12.122	17.036	30.441	30.684	30.521	14.138	2.573
IPI:IPI00385928.2	C4orf14	Uncharacterized protein C4orf14	1	25.052	55.438	42.863	35.016	50.916	41.758	41.117	15.268
IPI:IPI00385987.6	DAGLB	Isoform 1 of Sn1-specific diacylglycerol lipase beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00383730.1	20.583	1.875	-0.018	0.86413286	1	17.381	14.667	17.829	2.281	1.808	3.396	16.626	1.711	2.495	0.815	-2.736	0.00126382
IPI:IPI00383751.1	474.431	31.261	0.043	0.62650306	5	313.792	392.720	304.672	250.945	161.574	236.693	337.061	48.417	216.404	48.016	-0.639	0.03755430
IPI:IPI00383823.5	0.000	0.000	n/a	n/a	3	59.221	68.162	65.387	54.913	57.732	64.980	64.257	4.576	59.209	5.193	-0.118	0.27652040
IPI:IPI00383951.6	0.000	0.000	n/a	n/a	1	73.201	54.067	66.234	90.215	109.819	94.176	64.500	9.684	98.070	10.366	0.605	0.01502486
IPI:IPI00383971.4	125.491	11.903	0.372	0.03719451	2	107.582	101.681	120.272	84.873	87.157	81.633	109.845	9.500	84.554	2.776	-0.378	0.03551855
IPI:IPI00384016.1	143.906	18.246	0.317	0.10244421	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384051.6	934.833	20.740	-0.153	0.01200222	11	681.976	659.930	653.724	689.876	667.129	708.652	665.210	14.848	688.552	20.793	0.050	0.19668343
IPI:IPI00384157.1	0.000	0.000	n/a	n/a	1	31.185	36.737	35.799	52.731	39.582	50.230	34.573	2.972	47.514	6.982	0.459	0.06824783
IPI:IPI00384202.3	0.000	0.000	n/a	n/a	10	408.149	407.250	396.199	506.627	477.198	501.194	403.866	6.655	495.006	15.660	0.294	0.00401126
IPI:IPI00384236.1	126.608	13.752	0.202	0.20160331	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384280.5	482.340	14.565	0.425	0.00047422	2	96.007	99.637	107.013	28.840	32.788	39.863	100.886	5.608	33.830	5.585	-1.576	0.00012608
IPI:IPI00384297.2	0.000	0.000	n/a	n/a	1	51.882	49.621	52.592	47.548	53.045	49.255	51.365	1.552	49.949	2.814	-0.040	0.50031568
IPI:IPI00384342.3	0.000	0.000	n/a	n/a	4	115.237	116.620	123.792	142.854	149.216	136.110	118.550	4.592	142.727	6.554	0.268	0.00860054
IPI:IPI00384444.6	312.320	11.703	0.121	0.05169278	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384456.4	66.476	1.796	-0.277	0.10662005	17	519.636	476.422	542.020	502.436	553.869	509.737	512.693	33.346	522.014	27.828	0.026	0.73078081
IPI:IPI00384463.4	121.211	13.768	0.552	0.03603494	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384541.4	17.274	1.829	0.274	0.08745653	6	137.187	124.588	134.102	152.481	144.353	150.202	131.959	6.567	149.012	4.193	0.175	0.02586469
IPI:IPI00384597.1	0.000	0.000	n/a	n/a	3	56.793	48.115	57.461	56.940	74.148	66.445	54.123	5.214	65.844	8.620	0.283	0.12916536
IPI:IPI00384643.2	513.780	31.819	0.318	0.01773409	5	242.774	249.453	242.289	259.743	232.843	254.581	244.839	4.003	249.056	14.276	0.025	0.66599729
IPI:IPI00384646.7	10.711	1.876	-0.070	0.76568188	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384653.1	15.699	1.473	0.531	0.01871242	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384689.3	838.091	12.534	0.220	0.00054553	9	437.635	429.381	426.496	533.248	540.850	523.824	431.171	5.781	532.641	8.529	0.305	0.00016648
IPI:IPI00384707.2	65.883	4.185	0.119	0.28905062	2	103.288	97.882	107.634	102.853	101.316	99.441	102.935	4.885	101.203	1.709	-0.024	0.61524527
IPI:IPI00384708.2	0.000	0.000	n/a	n/a	1	109.633	92.709	108.158	121.569	162.631	118.263	103.500	9.374	134.154	24.717	0.374	0.15390011
IPI:IPI00384745.3	88.645	10.674	0.321	0.08396833	3	164.003	138.421	155.875	136.819	167.382	140.566	152.766	13.071	148.256	16.670	-0.043	0.73262773
IPI:IPI00384786.6	30.624	1.318	0.378	0.00263107	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384861.3	18.446	2.557	0.399	0.15805943	2	40.623	59.924	49.249	56.945	48.115	49.300	49.932	9.668	51.453	4.793	0.043	0.82482457
IPI:IPI00384867.4	214.731	16.333	0.636	0.00895712	1	56.065	59.926	52.119	103.195	90.141	101.612	56.037	3.904	98.316	7.124	0.811	0.00252187
IPI:IPI00384909.3	690.423	34.580	0.363	0.00713179	6	130.634	125.106	134.275	202.806	190.124	190.130	130.005	4.617	194.353	7.320	0.580	0.00055269
IPI:IPI00384938.1	1.596	1.387	12.804	0.18447456	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00384992.7	43.394	1.130	-0.092	0.19920706	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00385001.4	32.522	5.090	-0.210	0.22039642	4	83.045	95.984	89.578	116.056	96.596	115.718	89.536	6.470	109.457	11.139	0.290	0.06990945
IPI:IPI00385034.6	211.051	5.571	-0.437	0.00174905	3	146.382	139.035	140.222	161.619	156.216	161.950	141.880	3.944	159.928	3.219	0.173	0.00405573
IPI:IPI00385042.4	479.493	26.710	-0.093	0.22623347	5	208.110	208.415	223.194	291.364	306.028	270.713	213.240	8.622	289.368	17.742	0.440	0.00763155
IPI:IPI00385149.1	220.056	13.884	-0.203	0.05040670	1	7.237	13.359	9.219	15.319	11.025	15.161	9.939	3.124	13.835	2.435	0.477	0.16784601
IPI:IPI00385215.3	111.917	3.340	-0.021	0.51850285	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00385267.4	494.176	24.494	-0.081	0.21129817	12	449.588	431.387	439.932	532.871	524.842	537.162	440.302	9.106	531.625	6.254	0.272	0.00029133
IPI:IPI00385317.3	39.142	4.912	-0.293	0.27095804	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00385449.4	966.491	26.481	0.082	0.05717109	11	538.653	582.284	551.718	521.756	507.159	530.318	557.552	22.393	519.744	11.710	-0.101	0.08056395
IPI:IPI00385455.3	53.141	9.240	-0.530	0.02726147	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00385495.5	0.000	0.000	n/a	n/a	5	49.903	47.339	56.871	51.026	52.210	49.822	51.371	4.933	51.019	1.194	-0.010	0.91522567
IPI:IPI00385511.5	102.105	4.371	0.141	0.10146820	8	233.974	220.160	225.755	220.450	234.518	227.965	226.630	6.948	227.644	7.039	0.006	0.86814853
IPI:IPI00385543.1	0.000	0.000	n/a	n/a	4	168.447	170.271	176.533	148.365	153.795	151.721	171.750	4.241	151.294	2.740	-0.183	0.00382873
IPI:IPI00385562.1	528.740	28.273	0.008	0.88154386	9	320.274	337.644	323.043	389.183	386.923	372.518	326.987	9.333	382.875	9.040	0.228	0.00174180
IPI:IPI00385631.7	0.000	0.000	n/a	n/a	3	75.300	74.936	77.538	84.126	83.083	82.932	75.924	1.409	83.380	0.650	0.135	0.00459432
IPI:IPI00385642.1	28.387	6.126	-0.004	0.98717607	7	176.069	158.271	185.860	156.906	165.148	166.218	173.400	13.987	162.757	5.096	-0.091	0.31954504
IPI:IPI00385751.5	30.549	0.124	1.112	0.00798298	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00385928.2	42.563	7.981	0.050	0.89368049	4	151.963	163.547	156.300	221.684	217.318	218.864	157.270	5.853	219.289	2.214	0.480	0.00103233
IPI:IPI00385987.6	0.000	0.000	n/a	n/a	1	24.634	31.316	28.173	16.989	14.801	13.388	28.041	3.343	15.059	1.815	-0.897	0.00893998

IPI:IPI00386043.6	C1orf27	Isoform 1 of Protein odr-4 homolog	1	121.596	123.451	118.000	128.094	141.067	133.744	121.016	2.771
IPI:IPI00386119.4	SF1	Isoform 5 of Splicing factor 1	6	239.082	257.399	248.412	239.974	223.095	221.130	248.298	9.159
IPI:IPI00386122.4	MOBKL3	Isoform 1 of Mps one binder kinase activator-like 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386139.1	FAR1	cDNA: FLJ22728 fis, clone HSI15617 (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386220.1	FAM18B	Protein FAM18B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386258.1	MTCH1	Isoform 1 of Mitochondrial carrier homolog 1	5	332.300	319.670	343.582	360.435	374.947	367.689	331.851	11.962
IPI:IPI00386271.4	SLC25A12	Calcium-binding mitochondrial carrier protein Aralar1	4	213.505	186.252	224.392	173.821	189.222	183.221	208.050	19.647
IPI:IPI00386311.2	SMARCAL1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386418.4	MYEF2	Isoform 2 of Myelin expression factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386422.3	TOR1A	Isoform 2 of Torsin-1A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386444.2	SYNE1	Isoform 1 of Nesprin-1	41	2,150.600	2,171.510	2,116.410	2,289.340	2,340.250	2,260.250	2,146.173	27.815
IPI:IPI00386524.3	IGHA1	CDNA FLJ25298 fis, clone STM07683, highly similar to Protein Tro alpha1 H,myeloma	2	12.093	16.102	8.742	164.458	93.334	154.130	12.312	3.685
IPI:IPI00386533.3	EIF4G1	eukaryotic translation initiation factor 4 gamma, 1 isoform 4	31	2,444.210	2,510.680	2,414.340	2,361.930	2,356.950	2,437.050	2,456.410	49.315
IPI:IPI00386591.5	C14orf149	Probable proline racemase	3	97.398	110.819	103.770	145.423	118.652	135.861	103.996	6.713
IPI:IPI00386616.4	C1orf212	C1orf212 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386718.4	SMARCA2	Isoform Short of Probable global transcription activator SNF2L2	1	138.334	118.291	136.575	116.099	137.434	121.384	131.067	11.099
IPI:IPI00386731.3	FBXL18	Isoform 4 of F-box/LRR-repeat protein 18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386751.2	HDDC2	Isoform 2 of HD domain-containing protein 2	1	31.337	29.925	32.539	24.871	33.722	27.986	31.267	1.309
IPI:IPI00386754.4	CRELD2	Isoform 2 of Cysteine-rich with EGF-like domain protein 2	3	235.750	274.840	233.598	270.650	232.081	267.818	248.063	23.215
IPI:IPI00386755.2	ERO1L	ERO1-like protein alpha	13	603.698	619.746	615.818	650.830	639.865	630.714	613.087	8.365
IPI:IPI00386760.2	TMEM48	Isoform 1 of Nucleoporin NDC1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00386786.5	STX5	Isoform 2 of Syntaxin-5	4	116.340	135.376	125.006	150.934	122.936	155.506	125.574	9.531
IPI:IPI00387130.1	CIAPIN1	Isoform 1 of Anamorsin	3	262.446	253.389	257.342	305.349	281.212	303.140	257.726	4.541
IPI:IPI00394679.3	WHSC2	Wolf-Hirschhorn syndrome candidate 2 protein	2	42.706	39.047	41.261	42.126	37.711	37.175	41.005	1.843
IPI:IPI00394718.1	CSMD1	Isoform 1 of CUB and sushi domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00394744.3	TBC1D8B	Isoform 1 of TBC1 domain family member 8B	1	31.309	25.707	27.108	18.214	24.353	19.984	28.041	2.916
IPI:IPI00394767.1	CA13	Carbonic anhydrase 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00394808.1	EMB	Embigin	1	85.771	95.735	84.592	115.800	100.657	113.767	88.699	6.122
IPI:IPI00394809.1	APOOL	Apolipoprotein O-like	5	233.880	227.542	241.051	241.701	240.044	243.268	234.158	6.759
IPI:IPI00394815.5	-	94 kDa protein	1	117.747	91.869	106.807	89.957	131.354	107.854	105.474	12.991
IPI:IPI00394838.3	ACLY	cDNA FLJ56442, highly similar to ATP-citrate synthase	38	3,502.700	3,220.430	3,352.530	3,421.690	3,584.830	3,370.940	3,358.553	141.231
IPI:IPI00394926.1	POLD3	DNA polymerase delta subunit 3	2	63.685	70.327	66.490	52.801	42.637	53.510	66.834	3.334
IPI:IPI00394941.1	-	Putative HIN1-like protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00394971.3	TRIM5	Putative uncharacterized protein TRIM5	3	56.689	61.274	54.734	55.868	48.928	52.805	57.566	3.357
IPI:IPI00394994.2	C14orf49	Isoform 1 of Nesprin-3	1	9.909	7.386	6.828	10.591	7.585	10.295	8.041	1.642
IPI:IPI00395337.1	FIP1L1	Isoform 1 of Pre-mRNA 3'-end-processing factor FIP1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395347.3	LARP4	Isoform 1 of La-related protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395444.7	CAMSAP1	Isoform 1 of Calmodulin-regulated spectrin-associated protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395474.1	SAMD1	Atherin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395488.2	VASN	Vasorin	6	252.113	243.682	232.312	334.770	352.154	349.427	242.702	9.937
IPI:IPI00395510.5	NCALD	Neurocalcin-delta	3	161.718	163.064	148.380	167.762	144.118	152.402	157.721	8.117
IPI:IPI00395559.5	WASH1	WAS protein family homolog 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395568.1	PHF6	Isoform 1 of PHD finger protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395569.4	NBEAL1	Isoform 1 of Neurobeachin-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395627.3	CACYBP	Isoform 1 of Calcyclin-binding protein	16	1,563.620	1,443.590	1,543.240	1,520.150	1,597.320	1,519.750	1,516.817	64.230
IPI:IPI00395654.7	PRKACB	Isoform 1 of cAMP-dependent protein kinase catalytic subunit beta	8	577.312	615.335	598.192	820.252	898.979	889.986	596.946	19.042
IPI:IPI00395663.5	ANKS1A	Ankyrin repeat and SAM domain-containing protein 1A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395694.1	TNPO3	Isoform 2 of Transportin-3	1	64.687	70.338	74.316	94.302	91.236	88.249	69.780	4.838
IPI:IPI00395769.2	ATP5C1	Isoform Heart of ATP synthase subunit gamma, mitochondrial	6	395.606	388.621	376.621	488.169	461.889	485.891	386.949	9.602
IPI:IPI00395813.1	ZNF687	Isoform 1 of Zinc finger protein 687	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395865.4	RBBP7	Histone-binding protein RBBP7	4	157.326	184.834	161.001	157.040	139.636	156.004	167.720	14.934

IPI:IPI00386043.6	134.302	6.504	0.150	0.05485853	1	44.756	40.987	46.634	47.907	48.833	50.130	44.126	2.876	48.957	1.116	0.150	0.08597046
IPI:IPI00386119.4	228.066	10.359	-0.123	0.06539090	22	804.876	800.933	814.906	505.047	541.427	543.931	806.905	7.204	530.135	21.763	-0.606	0.00083409
IPI:IPI00386122.4	0.000	0.000	n/a	n/a	4	77.522	69.287	75.589	100.051	102.808	97.410	74.133	4.306	100.090	2.699	0.433	0.00192878
IPI:IPI00386139.1	0.000	0.000	n/a	n/a	1	13.753	16.399	16.092	46.298	34.831	46.150	15.415	1.447	42.426	6.578	1.461	0.01567340
IPI:IPI00386220.1	0.000	0.000	n/a	n/a	1	41.181	40.112	39.951	51.863	59.059	53.525	40.415	0.669	54.816	3.768	0.440	0.01945961
IPI:IPI00386258.1	367.690	7.256	0.148	0.01751722	6	148.064	142.994	143.970	219.923	229.927	221.148	145.009	2.690	223.666	5.457	0.625	0.00023473
IPI:IPI00386271.4	182.088	7.763	-0.192	0.13668332	5	271.159	274.038	269.412	284.242	254.486	280.819	271.536	2.336	273.182	16.282	0.009	0.87779104
IPI:IPI00386311.2	0.000	0.000	n/a	n/a	5	100.232	111.882	102.703	98.706	125.387	102.070	104.939	6.138	108.721	14.531	0.051	0.70911437
IPI:IPI00386418.4	0.000	0.000	n/a	n/a	11	753.915	710.286	753.537	811.144	862.320	791.221	739.246	25.081	821.562	36.676	0.152	0.03902342
IPI:IPI00386422.3	0.000	0.000	n/a	n/a	1	38.548	38.726	39.077	37.177	44.941	37.867	38.784	0.269	39.995	4.297	0.044	0.67580438
IPI:IPI00386444.2	2,296.613	40.493	0.098	0.00847152	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00386524.3	137.307	38.431	3.479	0.02914194	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00386533.3	2,385.310	44.877	-0.042	0.13926896	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00386591.5	133.312	13.566	0.358	0.04569968	2	28.709	27.646	30.249	24.035	27.841	25.063	28.868	1.309	25.646	1.969	-0.171	0.08747702
IPI:IPI00386616.4	0.000	0.000	n/a	n/a	1	79.624	54.632	77.838	71.836	95.289	71.813	70.698	13.942	79.646	13.547	0.172	0.47017806
IPI:IPI00386718.4	124.972	11.111	-0.069	0.53882304	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00386731.3	0.000	0.000	n/a	n/a	2	84.521	80.695	87.331	92.576	106.216	99.614	84.182	3.331	99.468	6.821	0.241	0.04195878
IPI:IPI00386751.2	28.860	4.490	-0.116	0.45565320	7	60.302	59.313	64.929	80.926	78.150	82.442	61.515	2.998	80.506	2.177	0.388	0.00134101
IPI:IPI00386754.4	256.850	21.497	0.050	0.65628614	3	167.362	161.142	165.407	165.603	197.200	170.707	164.637	3.181	177.837	16.962	0.111	0.31044090
IPI:IPI00386755.2	640.470	10.072	0.063	0.02363746	19	677.887	681.947	699.563	410.929	439.722	458.125	686.466	11.523	436.259	23.788	-0.654	0.00061506
IPI:IPI00386760.2	0.000	0.000	n/a	n/a	3	228.442	250.230	219.554	327.290	273.556	295.063	232.742	15.784	298.636	27.045	0.360	0.03170042
IPI:IPI00386786.5	143.125	17.633	0.189	0.22553594	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00387130.1	296.567	13.344	0.203	0.02712377	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00394679.3	39.004	2.717	-0.072	0.35827898	13	438.034	441.902	424.427	506.543	469.323	519.888	434.788	9.179	498.585	26.205	0.198	0.03997427
IPI:IPI00394718.1	0.000	0.000	n/a	n/a	2	38.493	31.352	36.108	42.869	44.455	41.772	35.318	3.635	43.032	1.349	0.285	0.05293567
IPI:IPI00394744.3	20.850	3.160	-0.427	0.04459895	1	55.859	35.164	58.713	61.831	62.312	66.672	49.912	12.852	63.605	2.667	0.350	0.20301948
IPI:IPI00394767.1	0.000	0.000	n/a	n/a	1	93.790	86.207	87.092	97.044	106.698	101.498	89.030	4.146	101.747	4.832	0.193	0.02692908
IPI:IPI00394808.1	110.075	8.219	0.311	0.02578277	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00394809.1	241.671	1.612	0.046	0.18888234	11	560.184	464.916	549.188	416.879	522.312	450.206	524.763	52.120	463.132	53.892	-0.180	0.22783657
IPI:IPI00394815.5	109.722	20.761	0.057	0.78192989	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00394838.3	3,459.153	111.758	0.043	0.39089460	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00394926.1	49.649	6.083	-0.429	0.02176399	4	167.307	156.041	151.764	168.804	161.686	172.329	158.371	8.029	167.606	5.422	0.082	0.18406181
IPI:IPI00394941.1	0.000	0.000	n/a	n/a	1	7.838	7.599	8.355	9.917	12.103	9.646	7.931	0.386	10.555	1.347	0.412	0.06812864
IPI:IPI00394971.3	52.534	3.478	-0.132	0.14599764	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00394994.2	9.490	1.656	0.239	0.34249630	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00395337.1	0.000	0.000	n/a	n/a	14	334.497	332.323	363.137	340.482	383.435	340.970	343.319	17.197	354.962	24.659	0.048	0.54348784
IPI:IPI00395347.3	0.000	0.000	n/a	n/a	11	302.963	316.171	302.449	416.188	405.591	412.440	307.194	7.778	411.406	5.374	0.421	0.00010385
IPI:IPI00395444.7	0.000	0.000	n/a	n/a	2	105.009	119.274	107.115	93.151	88.129	93.063	110.466	7.700	91.448	2.875	-0.273	0.03763726
IPI:IPI00395474.1	0.000	0.000	n/a	n/a	2	49.448	57.594	48.807	52.732	48.308	46.725	51.950	4.899	49.255	3.114	-0.077	0.47426169
IPI:IPI00395488.2	345.450	9.349	0.509	0.00020810	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00395510.5	154.761	11.997	-0.027	0.74360431	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00395559.5	0.000	0.000	n/a	n/a	5	224.740	211.028	207.789	246.400	232.549	229.342	214.519	8.999	236.097	9.066	0.138	0.04306008
IPI:IPI00395568.1	0.000	0.000	n/a	n/a	16	529.230	529.256	518.344	576.092	592.158	577.701	525.610	6.293	581.984	8.848	0.147	0.00134222
IPI:IPI00395569.4	0.000	0.000	n/a	n/a	1	17.743	18.210	16.977	22.663	23.539	22.124	17.643	0.622	22.775	0.714	0.368	0.00078592
IPI:IPI00395627.3	1,545.740	44.670	0.027	0.56126261	25	1,499.860	1,400.930	1,464.870	1,741.870	1,900.040	1,742.490	1,455.220	50.166	1,794.800	91.141	0.303	0.00995327
IPI:IPI00395654.7	869.739	43.092	0.543	0.00303186	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00395663.5	0.000	0.000	n/a	n/a	2	22.204	32.500	26.066	29.441	23.568	34.126	26.923	5.201	29.045	5.290	0.109	0.64701894
IPI:IPI00395694.1	91.262	3.026	0.387	0.00514456	4	224.995	211.656	231.641	315.817	325.457	306.838	222.764	10.178	316.037	9.311	0.505	0.00031795
IPI:IPI00395769.2	478.650	14.560	0.307	0.00154542	7	368.458	332.302	371.210	192.964	212.863	203.159	357.323	21.713	202.995	9.951	-0.816	0.00206954
IPI:IPI00395813.1	0.000	0.000	n/a	n/a	5	61.925	68.781	59.375	86.430	70.404	85.097	63.360	4.864	80.644	8.893	0.348	0.05754263
IPI:IPI00395865.4	150.893	9.763	-0.153	0.18941605	8	200.380	179.407	204.862	146.633	161.216	152.626	194.883	13.589	153.492	7.330	-0.344	0.01787241

IPI:IPI00395887.4	TMX1	Thioredoxin-related transmembrane protein 1	6	688.051	651.270	649.393	694.908	707.779	734.472	662.905	21.798
IPI:IPI00395903.1	TMEM106B	Transmembrane protein 106B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00395998.5	SNORA7A;RP	60S ribosomal protein L32	19	1,280.080	1,242.510	1,330.000	1,236.430	1,328.440	1,190.250	1,284.197	43.890
IPI:IPI00396010.3	RABGAP1L	Isoform 1 of RAB GTPase-activating protein 1-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396058.2	NCAPG2	Isoform 2 of Condensin-2 complex subunit G2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396063.5	DENND4A	C-myc promoter-binding protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396089.1	BRAP	BRCA1-associated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396098.1	ZNF800	Zinc finger protein 800	2	3.308	6.882	5.490	5.080	5.976	2.838	5.227	1.801
IPI:IPI00396126.2	C5orf24	Isoform 1 of UPF0461 protein C5orf24	1	28.840	29.770	28.719	21.167	19.656	23.602	29.109	0.575
IPI:IPI00396130.5	SNIP	Isoform 2 of p130Cas-associated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396131.4	YTHDF3	cDNA FLJ56221, highly similar to YTH domain protein 3	8	359.257	357.657	345.658	347.145	342.348	366.365	354.191	7.433
IPI:IPI00396145.1	PIKFYVE	FYVE finger-containing phosphoinositide kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396171.3	MAP4	Isoform 1 of Microtubule-associated protein 4	146	10,337.200	10,098.200	10,230.600	9,509.770	9,784.900	9,786.820	10,222.000	119.732
IPI:IPI00396174.4	CCDC25	Coiled-coil domain-containing protein 25	3	205.924	194.764	205.876	179.111	203.457	182.560	202.188	6.429
IPI:IPI00396185.2	MAK10	Protein MAK10 homolog	3	203.736	213.369	208.861	225.403	220.855	227.305	208.655	4.820
IPI:IPI00396218.2	SCYL2	SCY1-like protein 2	5	328.544	388.983	337.177	429.305	343.849	430.370	351.568	32.689
IPI:IPI00396243.6	WDR19	Isoform 1 of WD repeat-containing protein 19	1	21.927	19.984	22.293	24.592	29.779	26.991	21.401	1.241
IPI:IPI00396258.3	BCAT2	Isoform A of Branched-chain-amino-acid aminotransferase, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396260.1	AURKAIP1	Aurora kinase A-interacting protein	1	51.450	44.937	54.239	42.729	54.949	47.120	50.208	4.774
IPI:IPI00396279.3	CLASP1	Isoform 1 of CLIP-associating protein 1	3	160.718	174.108	166.122	176.151	164.716	177.546	166.983	6.736
IPI:IPI00396321.1	LRRC59	Leucine-rich repeat-containing protein 59	23	2,214.010	2,050.080	2,321.030	2,186.350	2,054.690	1,927.860	2,195.040	136.467
IPI:IPI00396329.1	BXDC1	Brix domain-containing protein 1	3	163.338	144.199	147.940	149.425	163.824	155.206	151.826	10.144
IPI:IPI00396370.6	EIF3B	Isoform 1 of Eukaryotic translation initiation factor 3 subunit B	18	1,062.690	1,093.000	1,067.840	1,124.180	1,095.970	1,129.660	1,074.510	16.219
IPI:IPI00396378.3	HNRNPA2B1	Isoform B1 of Heterogeneous nuclear ribonucleoproteins A2/B1	31	2,422.330	2,398.730	2,583.200	1,875.550	1,907.390	1,790.410	2,468.087	100.387
IPI:IPI00396383.1	VWA1	Isoform 1 of von Willebrand factor A domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396399.5	TGFB1I1	Isoform 2 of Transforming growth factor beta-1-induced transcript 1 protein	11	631.781	661.532	616.415	676.784	624.411	635.335	636.576	22.938
IPI:IPI00396406.6	MKRN2	Makorin-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396412.2	SRPK2	serine/arginine-rich protein-specific kinase 2 isoform a	7	303.534	294.975	327.254	290.026	297.749	308.249	308.588	16.722
IPI:IPI00396435.3	DHX15	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	2	158.753	154.083	150.903	151.200	158.302	150.744	154.580	3.948
IPI:IPI00396485.3	EEF1A1	Elongation factor 1-alpha 1	167	9,687.960	10,410.300	9,616.630	9,649.990	9,266.930	9,289.260	9,904.963	439.085
IPI:IPI00396527.4	KLRAQ1	Isoform 1 of KLRAQ motif-containing protein 1	3	189.851	203.319	188.477	185.398	186.228	201.657	193.882	8.201
IPI:IPI00396534.6	ITSN2	intersectin 2 isoform 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396593.5	PDLIM2	Isoform 1 of PDZ and LIM domain protein 2	2	95.747	80.954	93.143	75.717	79.558	72.284	89.948	7.897
IPI:IPI00396627.1	ELAC2	Isoform 1 of Zinc phosphodiesterase ELAC protein 2	2	85.952	93.026	86.885	72.938	75.352	81.371	88.621	3.843
IPI:IPI00396630.3	PRKACA	Isoform 1 of cAMP-dependent protein kinase catalytic subunit alpha	2	171.806	227.888	177.763	268.566	200.699	231.336	192.486	30.804
IPI:IPI00396634.3	CTA-221G9.	Isoform 1 of Uncharacterized protein KIAA1671	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396658.3	ITFG3	Isoform 2 of Protein ITFG3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396937.1	PPHLN1	Isoform 8 of Periphilin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00396967.3	FHL2	FHL2 isoform 5	33	1,819.870	1,881.130	1,821.630	1,869.180	1,846.400	1,821.900	1,840.877	34.872
IPI:IPI00397015.2	AHDC1	A.T hook DNA-binding motif-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00397017.3	RPS15AP11	hypothetical protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00397366.4	PPFIBP1	Isoform 1 of Liprin-beta-1	1	69.180	69.950	65.175	65.976	61.674	68.718	68.102	2.564
IPI:IPI00397368.2	PPFIBP1	Isoform 4 of Liprin-beta-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00397376.1	ZC3H14	Isoform 1 of Zinc finger CCCH domain-containing protein 14	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00397379.2	EPN2	Isoform 1 of Epsin-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00397526.3	MYH10	Isoform 1 of Myosin-10	25	1,278.830	1,201.480	1,304.780	1,183.730	1,212.790	1,222.830	1,261.697	53.739
IPI:IPI00397575.3	LRRC41	Putative uncharacterized protein LRRC41	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00397645.7	MXRA7	Isoform 2 of Matrix-remodeling-associated protein 7	4	249.944	205.865	241.018	139.949	121.437	139.320	232.276	23.304
IPI:IPI00397883.6	-	Uncharacterized protein FLJ45252	6	435.961	439.611	425.440	444.594	407.141	438.439	433.671	7.358
IPI:IPI00397904.6	NUP93	Nuclear pore complex protein Nup93	10	625.697	676.884	615.671	696.441	630.546	686.299	639.417	32.832
IPI:IPI00397994.4	LOC389203	Uncharacterized protein LOC389203	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00398020.7	ODZ3	Teneurin-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00398154.2	AFAP1	Actin filament-associated protein 1	12	689.289	741.353	704.910	580.228	524.526	578.615	711.851	26.717

IPI:IPI00395887.4	712.386	20.180	0.104	0.04512980	7	578.810	655.994	598.807	618.642	553.629	599.476	611.204	40.057	590.582	33.407	-0.050	0.53296518
IPI:IPI00395903.1	0.000	0.000	n/a	n/a	2	156.597	156.973	148.699	66.271	68.703	69.691	154.090	4.672	68.221	1.760	-1.175	0.00025664
IPI:IPI00395998.5	1,251.707	70.350	-0.037	0.54205611	10	919.909	837.719	915.648	767.732	858.797	783.132	891.092	46.271	803.220	48.743	-0.150	0.08717754
IPI:IPI00396010.3	0.000	0.000	n/a	n/a	2	66.062	83.078	67.234	107.292	81.916	98.335	72.124	9.504	95.848	12.869	0.410	0.06751126
IPI:IPI00396058.2	0.000	0.000	n/a	n/a	1	84.182	78.463	89.570	88.137	100.401	97.076	84.072	5.554	95.205	6.343	0.179	0.08545569
IPI:IPI00396063.5	0.000	0.000	n/a	n/a	1	17.041	14.676	14.907	19.884	20.164	16.754	15.541	1.304	18.934	1.893	0.285	0.07102194
IPI:IPI00396089.1	0.000	0.000	n/a	n/a	1	27.355	23.938	30.838	36.147	38.328	38.238	27.377	3.450	37.571	1.234	0.457	0.02550409
IPI:IPI00396098.1	4.631	1.617	-0.174	0.69271142	3	119.179	128.653	124.691	190.636	181.646	202.140	124.174	4.758	191.474	10.273	0.625	0.00254167
IPI:IPI00396126.2	21.475	1.991	-0.439	0.01604469	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00396130.5	0.000	0.000	n/a	n/a	1	66.030	65.015	70.285	68.667	62.137	66.676	67.110	2.796	65.827	3.347	-0.028	0.63979094
IPI:IPI00396131.4	351.953	12.710	-0.009	0.80857320	6	276.434	289.600	291.444	317.273	311.031	309.632	285.826	8.186	312.645	4.068	0.129	0.01560449
IPI:IPI00396145.1	0.000	0.000	n/a	n/a	3	83.478	70.581	86.997	91.524	87.061	95.143	80.352	8.643	91.243	4.048	0.183	0.14778968
IPI:IPI00396171.3	9,693.830	159.404	-0.077	0.01207999	91	5,077.740	4,947.960	5,014.990	3,620.490	3,796.920	3,656.460	5,013.563	64.902	3,691.290	93.229	-0.442	0.00008341
IPI:IPI00396174.4	188.376	13.174	-0.102	0.20456941	2	210.597	186.797	199.327	127.598	130.202	136.839	198.907	11.906	131.546	4.765	-0.597	0.00469489
IPI:IPI00396185.2	224.521	3.314	0.106	0.01245315	5	185.909	185.143	193.006	233.112	239.225	243.587	188.019	4.336	238.641	5.262	0.344	0.00026131
IPI:IPI00396218.2	401.175	49.648	0.190	0.23242362	7	204.498	233.191	197.747	284.383	235.221	269.591	211.812	18.820	263.065	25.222	0.313	0.05236155
IPI:IPI00396243.6	27.121	2.596	0.342	0.04409678	1	38.127	33.149	36.755	39.951	45.717	39.973	36.010	2.571	41.880	3.323	0.218	0.07685229
IPI:IPI00396258.3	0.000	0.000	n/a	n/a	2	225.618	222.228	227.120	84.334	83.917	87.122	224.989	2.506	85.124	1.742	-1.402	0.00000068
IPI:IPI00396260.1	48.266	6.190	-0.057	0.69100848	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00396279.3	172.804	7.039	0.049	0.35948804	6	189.131	180.254	177.751	234.390	232.282	229.761	182.379	5.980	232.144	2.318	0.348	0.00183932
IPI:IPI00396321.1	2,056.300	129.253	-0.094	0.27055025	36	3,041.010	3,077.950	3,068.640	2,073.490	2,092.340	2,077.620	3,062.533	19.212	2,081.150	9.908	-0.557	0.00000477
IPI:IPI00396329.1	156.152	7.246	0.041	0.58353421	3	82.158	72.655	79.878	95.491	99.338	95.757	78.230	4.961	96.862	2.148	0.308	0.01231467
IPI:IPI00396370.6	1,116.603	18.078	0.055	0.04049211	29	1,105.260	1,138.410	1,106.310	1,035.300	1,016.460	1,051.710	1,116.660	18.843	1,034.490	17.639	-0.110	0.00536561
IPI:IPI00396378.3	1,857.783	60.480	-0.410	0.00201150	85	3,573.080	3,478.780	3,573.520	2,718.740	2,817.860	2,749.500	3,541.793	54.572	2,762.033	50.735	-0.359	0.00005758
IPI:IPI00396383.1	0.000	0.000	n/a	n/a	1	21.083	26.865	17.428	30.985	20.989	27.671	21.792	4.758	26.548	5.092	0.285	0.30332224
IPI:IPI00396399.5	645.510	27.629	0.020	0.68951916	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00396406.6	0.000	0.000	n/a	n/a	1	12.059	13.632	13.734	21.768	22.460	22.860	13.142	0.939	22.363	0.552	0.767	0.00045453
IPI:IPI00396412.2	298.675	9.147	-0.047	0.43224756	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00396435.3	153.415	4.238	-0.011	0.74568036	18	773.690	736.267	757.702	900.026	911.217	901.428	755.886	18.777	904.224	6.097	0.259	0.00271031
IPI:IPI00396485.3	9,402.060	215.004	-0.075	0.17602025	195	7,958.770	8,078.080	8,027.520	6,620.930	6,786.490	6,713.140	8,021.457	59.886	6,706.853	82.959	-0.258	0.00005125
IPI:IPI00396527.4	191.094	9.157	-0.021	0.71584075	4	287.144	338.716	294.647	373.484	318.428	344.654	306.836	27.863	345.522	27.538	0.171	0.16240449
IPI:IPI00396534.6	0.000	0.000	n/a	n/a	16	515.889	543.767	527.497	705.740	678.339	705.787	529.051	14.004	696.622	15.834	0.397	0.00018055
IPI:IPI00396593.5	75.853	3.639	-0.246	0.07264480	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00396627.1	76.554	4.343	-0.211	0.02329862	7	422.184	435.517	433.284	503.573	472.756	491.723	430.328	7.141	489.351	15.545	0.185	0.01129204
IPI:IPI00396630.3	233.534	33.987	0.279	0.19803749	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00396634.3	0.000	0.000	n/a	n/a	11	428.712	445.954	434.811	483.196	446.983	480.158	436.492	8.743	470.112	20.088	0.107	0.08467780
IPI:IPI00396658.3	0.000	0.000	n/a	n/a	3	140.901	160.008	136.223	244.312	200.646	225.202	145.711	12.601	223.387	21.890	0.616	0.01100915
IPI:IPI00396937.1	0.000	0.000	n/a	n/a	2	101.268	112.294	100.107	102.036	78.698	99.560	104.556	6.726	93.431	12.819	-0.162	0.27487439
IPI:IPI00396967.3	1,845.827	23.645	0.004	0.85090736	33	1,103.930	1,077.890	1,129.780	1,171.070	1,250.720	1,218.750	1,103.867	25.945	1,213.513	40.082	0.137	0.02217611
IPI:IPI00397015.2	0.000	0.000	n/a	n/a	2	18.997	23.498	19.136	19.572	18.525	18.002	20.544	2.560	18.700	0.799	-0.136	0.33875514
IPI:IPI00397017.3	0.000	0.000	n/a	n/a	1	37.789	34.438	39.500	48.072	46.601	51.124	37.242	2.575	48.599	2.307	0.384	0.00489578
IPI:IPI00397366.4	65.456	3.551	-0.057	0.35985879	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00397368.2	0.000	0.000	n/a	n/a	3	138.936	131.608	128.346	204.268	224.727	208.118	132.963	5.424	212.371	10.872	0.676	0.00162926
IPI:IPI00397376.1	0.000	0.000	n/a	n/a	1	8.821	7.450	8.776	5.999	8.122	7.167	8.349	0.779	7.096	1.063	-0.235	0.18195285
IPI:IPI00397379.2	0.000	0.000	n/a	n/a	5	81.708	86.403	79.114	106.192	96.798	106.479	82.409	3.694	103.156	5.508	0.324	0.00822525
IPI:IPI00397526.3	1,206.450	20.306	-0.065	0.21072447	63	2,596.070	2,519.710	2,592.180	2,655.010	2,700.330	2,663.820	2,569.320	43.008	2,673.053	24.029	0.057	0.03300708
IPI:IPI00397575.3	0.000	0.000	n/a	n/a	2	69.093	66.097	66.038	91.149	92.168	94.752	67.076	1.747	92.690	1.858	0.467	0.00006622
IPI:IPI00397645.7	133.569	10.511	-0.798	0.00861920	1	143.741	146.005	150.160	81.602	65.105	78.279	146.635	3.256	74.995	8.725	-0.967	0.00201619
IPI:IPI00397883.6	430.058	20.084	-0.012	0.79253432	10	342.080	374.601	346.982	356.365	345.053	342.589	354.554	17.533	348.002	7.346	-0.027	0.59845011
IPI:IPI00397904.6	671.095	35.481	0.070	0.32070547	12	392.828	380.502	396.585	336.914	334.881	337.817	389.972	8.413	336.537	1.504	-0.213	0.00676744
IPI:IPI00397994.4	0.000	0.000	n/a	n/a	4	203.343	192.551	206.057	218.708	238.147	224.693	200.650	7.144	227.183	9.956	0.179	0.02386682
IPI:IPI00398020.7	0.000	0.000	n/a	n/a	1	4.593	4.684	4.744	6.175	7.879	5.446	4.674	0.076	6.500	1.249	0.476	0.12633921
IPI:IPI00398154.2	561.123	31.704	-0.343	0.00357554	4	150.881	192.526	154.847	163.489	141.957	159.045	166.085	22.985	154.830	11.368	-0.101	0.50583004

IPI:IPI00398576.3	LIMS2	Isoform 2 of LIM and senescent cell antigen-like-containing domain protein 2	1	30.057	22.267	29.414	16.446	24.472	18.405	27.246	4.324
IPI:IPI00398725.1	ZNF644	Isoform 1 of Zinc finger protein 644	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00398795.4	RTN3	Isoform 2 of Reticulon-3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00398812.5	KLC4	Isoform 1 of Kinesin light chain 4	2	128.311	128.171	142.072	149.026	150.584	155.074	132.851	7.986
IPI:IPI00398957.5	ANKRD52	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit C	1	49.971	45.763	48.918	45.120	48.963	50.651	48.217	2.190
IPI:IPI00398958.3	RPSAP12	similar to 40S ribosomal protein SA (p40) (34/67 kDa laminin receptor) (Colon carcinoma laminin-binding protein) (NEM/1CHD4) (Multidrug resistance-associated protein MGr1-Ag) isoform 1	8	796.811	796.115	789.193	784.478	795.389	800.974	794.040	4.212
IPI:IPI00398963.4	COG6	Isoform 2 of Conserved oligomeric Golgi complex subunit 6	3	176.882	167.860	185.079	196.523	227.376	209.893	176.607	8.613
IPI:IPI00398974.4	ZDHHC20	Isoform 1 of Probable palmitoyltransferase ZDHHC20	1	19.502	18.038	18.840	30.436	38.024	34.092	18.793	0.733
IPI:IPI00398982.1	TUBBP2	similar to tubulin, beta 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00398998.3	LIN52	Conserved hypothetical protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00399089.4	MESDC2	Mesoderm development candidate 2	6	542.491	502.303	529.341	414.484	461.904	439.859	524.712	20.490
IPI:IPI00399115.5	PTAR1	Protein prenyltransferase alpha subunit repeat-containing protein 1	2	62.266	56.509	59.936	60.663	69.358	60.281	59.570	2.896
IPI:IPI00399254.3	OTUD4	Isoform 1 of OTU domain-containing protein 4	2	131.441	105.769	128.537	111.873	136.463	119.671	121.916	14.059
IPI:IPI00399318.1	COPE	epsilon subunit of coatomer protein complex isoform b	6	318.000	282.433	319.953	337.998	376.624	347.760	306.795	21.121
IPI:IPI00399320.4	TMEM59	Transmembrane protein 59	2	21.753	17.387	17.159	251.715	253.082	252.307	18.767	2.589
IPI:IPI00400765.2	-	293 kDa protein	9	242.485	249.866	273.761	366.411	361.740	336.566	255.371	16.348
IPI:IPI00400812.5	SSFA2	Isoform 1 of Sperm-specific antigen 2	2	41.424	36.601	36.797	38.631	36.970	39.731	38.274	2.730
IPI:IPI00400834.1	MED13L	Mediator of RNA polymerase II transcription subunit 13-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00400850.2	C19orf2	C19orf2 protein	3	71.630	73.968	75.701	73.271	63.327	69.894	73.766	2.043
IPI:IPI00400875.2	USP6NL	USP6 N-terminal like isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00400922.5	PDCD11	Protein RRP5 homolog	5	306.994	344.601	331.492	362.048	378.017	362.962	327.696	19.089
IPI:IPI00400923.8	SH3PXD2A	SH3 multiple domains 1	4	117.413	129.627	117.318	150.146	128.294	161.195	121.453	7.079
IPI:IPI00400948.2	C2orf64	Uncharacterized protein C2orf64	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00401026.5	CRYBG3	Isoform 1 of Beta/gamma crystallin domain-containing protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00401151.6	tcag7.903	Hypothetical gene supported by AK027125	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00401264.5	ERP44	Endoplasmic reticulum resident protein ERp44	9	765.692	749.012	734.026	760.975	764.472	751.344	749.577	15.841
IPI:IPI00401753.2	ARID1A	AT rich interactive domain 1A	1	49.962	51.738	50.902	27.684	27.523	26.258	50.868	0.889
IPI:IPI00401759.4	FAM102A	early estrogen-induced gene 1 protein isoform b	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00401962.2	CCDC137	Coiled-coil domain-containing protein 137	1	44.351	37.282	40.440	33.741	34.603	38.325	40.691	3.541
IPI:IPI00402007.8	C15orf57	Isoform 1 of Uncharacterized protein C15orf57	1	8.474	7.182	7.197	8.795	6.825	7.525	7.618	0.742
IPI:IPI00402008.4	SAPS1	Isoform 1 of Serine/threonine-protein phosphatase 6 regulatory subunit 1	1	97.388	95.897	92.630	99.869	95.419	105.071	95.305	2.434
IPI:IPI00402083.3	TATDN3	Isoform 1 of Putative deoxyribonuclease TATDN3	1	8.038	7.378	9.238	9.481	7.876	8.576	8.218	0.943
IPI:IPI00402183.2	SYNCRIP	Isoform 3 of Heterogeneous nuclear ribonucleoprotein Q	1	19.536	19.415	19.288	21.783	22.327	23.298	19.413	0.124
IPI:IPI00402297.3	IFT88	Isoform 1 of Intraflagellar transport protein 88 homolog	1	10.762	8.836	6.900	12.833	10.650	11.813	8.832	1.931
IPI:IPI00409601.1	KIAA1219	Isoform 1 of Protein KIAA1219	2	82.786	81.765	80.435	90.781	83.405	87.182	81.662	1.179
IPI:IPI00409607.3	CAMSAP1L1	Isoform 1 of Calmodulin-regulated spectrin-associated protein 1-like protein 1	1	31.585	37.900	35.929	36.685	38.107	38.249	35.138	3.231
IPI:IPI00409608.3	LASS6	LAG1 longevity assurance homolog 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00409635.2	FAM62B	Isoform 2 of Extended synaptotagmin-2	14	538.841	603.953	577.777	652.932	635.338	621.457	573.524	32.764
IPI:IPI00409639.1	METTL13	Isoform 4 of Methyltransferase-like protein 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00409659.2	UBQLN2	Ubiquilin-2	6	461.974	490.991	452.428	597.440	505.242	554.451	468.464	20.084
IPI:IPI00409671.3	DDX42	Isoform 1 of ATP-dependent RNA helicase DDX42	10	491.592	480.878	506.905	344.863	347.762	330.516	493.125	13.081
IPI:IPI00409675.1	MORF4;MORF	Isoform 1 of Mortality factor 4-like protein 1	1	70.858	112.246	62.963	81.110	47.467	70.283	82.022	26.471
IPI:IPI00410034.2	SLC38A2	Isoform 1 of Sodium-coupled neutral amino acid transporter 2	3	18.321	17.408	16.084	105.249	109.855	101.447	17.271	1.125
IPI:IPI00410067.2	ZC3HAV1	Isoform 1 of Zinc finger CCCH-type antiviral protein 1	5	327.028	312.793	327.909	342.184	337.150	325.579	322.577	8.484
IPI:IPI00410079.3	FAM82A2	Isoform 1 of Regulator of microtubule dynamics protein 3	7	502.835	505.441	498.334	609.299	614.610	637.275	502.203	3.595
IPI:IPI00410214.1	BPNT1	Isoform 1 of 3'(2'),5'-bisphosphate nucleotidase 1	9	575.344	586.138	577.157	644.917	670.693	664.056	579.546	5.780
IPI:IPI00410256.1	CTDP1	Isoform 1 of RNA polymerase II subunit A C-terminal domain phosphatase	1	5.922	6.270	4.788	6.798	4.221	7.741	5.660	0.775
IPI:IPI00410284.6	ZCCHC9	Zinc finger CCHC domain-containing protein 9	1	23.368	24.175	29.006	19.441	25.343	24.837	25.516	3.049

IPI:IPI00398576.3	19.774	4.184	-0.462	0.09813083	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00398725.1	0.000	0.000	n/a	n/a	5	135.996	165.786	141.812	191.658	159.434	188.495	147.865	15.790	179.862	17.762	0.283	0.08122447
IPI:IPI00398795.4	0.000	0.000	n/a	n/a	1	75.051	105.336	78.331	129.921	88.135	112.300	86.239	16.620	110.119	20.978	0.353	0.20140839
IPI:IPI00398812.5	151.561	3.140	0.190	0.04143632	1	20.915	23.479	24.277	22.274	21.381	24.102	22.890	1.757	22.585	1.387	-0.019	0.82764541
IPI:IPI00398957.5	48.245	2.834	0.001	0.99135178	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00398958.3	793.614	8.390	-0.001	0.94262927	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00398963.4	211.264	15.472	0.259	0.04011571	2	189.961	173.596	201.595	115.052	147.265	111.633	188.384	14.066	124.650	19.660	-0.596	0.01295312
IPI:IPI00398974.4	34.184	3.795	0.863	0.01682010	1	20.297	22.728	18.887	38.130	29.143	38.628	20.637	1.943	35.300	5.338	0.774	0.02984928
IPI:IPI00398982.1	0.000	0.000	n/a	n/a	2	131.785	116.786	132.300	22.953	34.531	28.231	126.957	8.812	28.572	5.796	-2.152	0.00022327
IPI:IPI00398998.3	0.000	0.000	n/a	n/a	1	13.152	12.160	14.912	9.340	9.866	10.310	13.408	1.394	9.839	0.486	-0.447	0.03574947
IPI:IPI00399089.4	438.749	23.729	-0.258	0.00945433	16	900.600	857.515	903.607	907.875	954.835	931.398	887.241	25.787	931.369	23.480	0.070	0.09432725
IPI:IPI00399115.5	63.434	5.134	0.091	0.33527875	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00399254.3	122.669	12.566	0.009	0.94840999	5	143.444	133.011	137.834	155.446	165.982	165.510	138.096	5.221	162.313	5.951	0.233	0.00640251
IPI:IPI00399318.1	354.127	20.085	0.207	0.04842075	5	207.977	180.717	208.387	260.960	247.970	263.313	199.027	15.858	257.414	8.263	0.371	0.01084354
IPI:IPI00399320.4	252.368	0.686	3.749	0.00001317	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00400765.2	354.906	16.053	0.475	0.00168063	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00400812.5	38.444	1.390	0.006	0.92989266	18	539.331	543.322	551.418	449.242	490.159	464.119	544.690	6.159	467.840	20.711	-0.219	0.01692567
IPI:IPI00400834.1	0.000	0.000	n/a	n/a	1	41.258	44.675	37.148	46.210	35.960	40.226	41.027	3.769	40.799	5.149	-0.008	0.95388037
IPI:IPI00400850.2	68.830	5.057	-0.100	0.22727902	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00400875.2	0.000	0.000	n/a	n/a	1	17.509	15.337	18.258	27.053	23.079	23.288	17.035	1.517	24.473	2.236	0.523	0.01208745
IPI:IPI00400922.5	367.676	8.968	0.166	0.05008457	7	261.338	266.224	270.532	243.912	238.426	246.612	266.031	4.600	242.983	4.171	-0.131	0.00311323
IPI:IPI00400923.8	146.545	16.743	0.271	0.10653626	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00400948.2	0.000	0.000	n/a	n/a	1	46.894	48.744	45.329	64.902	54.000	66.396	46.989	1.710	61.766	6.767	0.394	0.05571650
IPI:IPI00401026.5	0.000	0.000	n/a	n/a	3	96.459	94.879	99.154	91.425	113.856	93.308	96.831	2.162	99.530	12.443	0.040	0.74554985
IPI:IPI00401151.6	0.000	0.000	n/a	n/a	1	17.224	19.217	17.562	23.732	24.625	22.586	18.001	1.066	23.648	1.022	0.394	0.00273186
IPI:IPI00401264.5	758.930	6.799	0.018	0.42340860	17	945.752	942.600	947.543	750.874	771.460	759.119	945.298	2.503	760.484	10.361	-0.314	0.00059010
IPI:IPI00401753.2	27.155	0.781	-0.906	0.00000484	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00401759.4	0.000	0.000	n/a	n/a	1	10.078	12.942	12.532	18.643	18.749	19.299	11.851	1.549	18.897	0.352	0.673	0.01247817
IPI:IPI00401962.2	35.556	2.436	-0.195	0.11623328	1	24.709	20.376	24.229	19.138	25.861	21.039	23.105	2.376	22.013	3.466	-0.070	0.67996741
IPI:IPI00402007.8	7.715	0.998	0.018	0.90039658	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00402008.4	100.120	4.831	0.071	0.22225955	3	45.292	39.273	49.093	56.718	60.118	54.864	44.552	4.952	57.233	2.665	0.361	0.02873665
IPI:IPI00402083.3	8.644	0.804	0.073	0.58454424	1	56.082	59.732	56.451	52.802	61.523	57.968	57.422	2.009	57.431	4.385	0.000	0.99796868
IPI:IPI00402183.2	22.469	0.768	0.211	0.01830532	2	20.480	22.059	18.312	29.784	30.058	30.759	20.284	1.881	30.200	0.503	0.574	0.00824112
IPI:IPI00402297.3	11.765	1.092	0.414	0.10151625	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00409601.1	87.123	3.689	0.093	0.11343289	1	72.185	77.000	76.229	113.014	108.756	113.899	75.138	2.586	111.890	2.750	0.574	0.00007480
IPI:IPI00409607.3	37.680	0.865	0.101	0.30604584	7	306.293	315.487	306.394	355.122	325.708	350.081	309.391	5.279	343.637	15.730	0.151	0.05188496
IPI:IPI00409608.3	0.000	0.000	n/a	n/a	1	30.889	51.684	30.436	137.403	80.841	110.689	37.669	12.139	109.644	28.296	1.541	0.03275772
IPI:IPI00409635.2	636.576	15.774	0.150	0.06078053	17	636.674	643.579	663.572	718.688	778.003	710.911	647.942	13.970	735.867	36.697	0.184	0.03992223
IPI:IPI00409639.1	0.000	0.000	n/a	n/a	1	26.596	27.167	27.256	34.581	28.733	27.648	27.006	0.358	30.321	3.729	0.167	0.26375169
IPI:IPI00409659.2	552.378	46.134	0.238	0.07082529	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00409671.3	341.047	9.235	-0.532	0.00016306	23	936.595	947.138	963.599	1,082.170	1,090.400	1,071.380	949.111	13.610	1,081.317	9.539	0.188	0.00031256
IPI:IPI00409675.1	66.287	17.174	-0.307	0.44487077	7	297.385	326.832	300.008	445.398	368.713	426.531	308.075	16.297	413.547	39.957	0.425	0.03106169
IPI:IPI00410034.2	105.517	4.210	2.611	0.00036338	10	312.590	275.397	310.463	254.908	307.584	265.185	299.483	20.886	275.892	27.923	-0.118	0.31233575
IPI:IPI00410067.2	334.971	8.514	0.054	0.14964039	19	567.262	611.185	578.880	693.812	631.558	678.024	585.776	22.759	667.798	32.362	0.189	0.02755698
IPI:IPI00410079.3	620.395	14.858	0.305	0.00357337	2	110.715	115.633	113.441	90.311	89.057	98.068	113.263	2.464	92.479	4.881	-0.292	0.00745475
IPI:IPI00410214.1	659.889	13.384	0.187	0.00361667	4	186.586	203.988	187.731	240.785	227.408	242.400	192.768	9.733	236.864	8.229	0.297	0.00425610
IPI:IPI00410256.1	6.254	1.822	0.144	0.64363342	3	192.143	222.504	193.774	228.036	198.461	222.544	202.807	17.078	216.347	15.731	0.093	0.37029150
IPI:IPI00410284.6	23.207	3.271	-0.137	0.42195342	1	64.644	59.756	64.264	65.086	80.711	76.156	62.888	2.719	73.984	8.036	0.234	0.12822946

IPI:IPI00410287.3	PRKAA1	protein kinase, AMP-activated, alpha 1 catalytic subunit isoform 2	6	752.031	701.078	753.462	559.903	619.127	557.823	735.524	29.839
IPI:IPI00410319.1	C10orf46	Isoform 1 of Uncharacterized protein C10orf46	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00410324.2	LSM12	Isoform 1 of Protein LSM12 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00410330.3	GATAD2A	Isoform 1 of Transcriptional repressor p66-alpha	1	58.412	43.079	52.156	37.643	49.424	45.713	51.216	7.710
IPI:IPI00410347.5	SLC22A18	Solute carrier family 22 member 18 (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00410485.2	TAOK3	Serine/threonine-protein kinase TAO3	6	669.287	713.985	666.945	723.522	675.962	731.578	683.406	26.508
IPI:IPI00410487.3	TWSG1	Isoform 1 of Twisted gastrulation protein homolog 1	3	146.589	116.571	141.302	82.775	104.112	91.108	134.821	16.024
IPI:IPI00410544.4	UXS1	Isoform 2 of UDP-glucuronic acid decarboxylase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00410584.4	LONP2	Peroxisomal Lon protease homolog 2	2	26.242	43.257	30.973	44.469	33.540	41.762	33.491	8.782
IPI:IPI00410590.5	LSM14A	Isoform 2 of Protein LSM14 homolog A	1	16.555	18.100	18.461	17.826	18.597	17.529	17.705	1.012
IPI:IPI00410618.4	KIAA1143	Uncharacterized protein KIAA1143	1	156.475	167.235	156.135	119.226	113.336	118.439	159.948	6.313
IPI:IPI00410631.4	FAM45A;FAM	Protein FAM45A	4	219.037	213.718	217.926	239.874	257.371	256.848	216.894	2.806
IPI:IPI00410639.6	FCHSD2	Isoform 2 of FCH and double SH3 domains protein 2	1	10.194	14.426	14.715	13.581	15.343	14.255	13.111	2.531
IPI:IPI00410657.2	RNMT	Isoform 2 of mRNA cap guanine-N7 methyltransferase	2	165.921	158.624	181.715	186.419	212.629	182.759	168.753	11.803
IPI:IPI00410666.1	SCRIB	Isoform 3 of Protein LAP4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00410681.2	CNOT4	Isoform 1 of CCR4-NOT transcription complex subunit 4	3	193.977	216.114	197.477	214.462	184.943	210.353	202.523	11.900
IPI:IPI00410693.3	SERBP1	Isoform 1 of Plasminogen activator inhibitor 1 RNA-binding protein	35	3,195.100	2,920.520	3,098.540	2,359.940	2,422.330	2,412.210	3,071.387	139.289
IPI:IPI00410714.5	HBA1;HBA2	Hemoglobin subunit alpha	8	636.330	763.767	507.363	743.888	804.665	1,274.070	635.820	128.203
IPI:IPI00410717.2	POGZ	Isoform 1 of Pogo transposable element with ZNF domain	2	58.860	55.177	62.791	49.531	54.649	55.401	58.943	3.807
IPI:IPI00411291.1	PEX1	Peroxisome biogenesis factor 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411356.5	VPS4A	Vacuolar protein sorting-associated protein 4A	3	136.502	135.630	119.973	142.340	121.086	139.344	130.702	9.302
IPI:IPI00411375.3	MAP4	microtubule-associated protein 4 isoform 2	3	135.355	131.146	144.100	157.548	169.164	167.624	136.867	6.608
IPI:IPI00411426.3	VPS26A	Vacuolar protein sorting-associated protein 26A	3	121.690	132.263	114.736	172.150	160.683	149.154	122.896	8.826
IPI:IPI00411452.3	DOCK11	Putative uncharacterized protein DOCK11	7	333.739	343.963	343.608	405.631	360.702	398.087	340.437	5.803
IPI:IPI00411453.3	AP3D1	Isoform 1 of AP-3 complex subunit delta-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411531.3	GTF3C5	Isoform 2 of General transcription factor 3C polypeptide 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411559.2	SMC4	Isoform 1 of Structural maintenance of chromosomes protein 4	12	1,001.690	1,021.270	1,017.690	771.122	775.018	769.078	1,013.550	10.426
IPI:IPI00411579.3	CCNK	Isoform 2 of Cyclin-K	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411614.1	WDHD1	WD repeat and HMG-box DNA-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411635.4	-	180 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411639.1	RPSAP15;RP	Laminin receptor-like protein LAMRL5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411656.4	PCLO	Isoform 1 of Protein piccolo	2	60.699	62.925	55.183	70.014	62.729	74.603	59.602	3.986
IPI:IPI00411680.9	PCMT1	protein-L-isoaspartate (D-aspartate) O-methyltransferase 1	6	323.960	305.859	311.320	301.883	316.401	306.728	313.713	9.285
IPI:IPI00411705.2	C13orf1	Isoform 1 of Chronic lymphocytic leukemia deletion region gene 6 protein	2	49.878	50.507	47.525	51.281	59.398	45.836	49.303	1.572
IPI:IPI00411706.1	ESD	S-formylglutathione hydrolase	15	832.394	819.431	831.924	925.651	939.434	940.000	827.916	7.352
IPI:IPI00411730.5	PPP4R1	Isoform 1 of Serine/threonine-protein phosphatase 4 regulatory subunit 1	5	160.300	177.521	179.006	172.332	154.644	177.235	172.276	10.398
IPI:IPI00411733.4	DHX30	Isoform 1 of Putative ATP-dependent RNA helicase DHX30	2	201.083	240.596	215.027	211.389	155.097	199.035	218.902	20.039
IPI:IPI00411763.2	KIF1B	Isoform 3 of Kinesin-like protein KIF1B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00411816.3	MRPL2	39S ribosomal protein L2, mitochondrial	3	156.030	155.657	156.551	178.532	154.944	176.336	156.079	0.449
IPI:IPI00411886.4	NOC2L	Nucleolar complex protein 2 homolog	1	86.868	90.802	79.846	62.837	67.756	71.044	85.839	5.550
IPI:IPI00411901.6	DLG5	Isoform 1 of Disks large homolog 5	4	133.472	113.858	137.530	131.184	156.436	141.549	128.287	12.659
IPI:IPI00411937.4	NOP56	Nucleolar protein 56	12	673.065	645.899	696.893	632.603	638.104	647.034	671.952	25.515
IPI:IPI00411983.1	BLOC1S2	Isoform 1 of Biogenesis of lysosome-related organelles complex 1 subunit 2	1	37.081	51.789	34.020	53.049	36.860	51.358	40.963	9.499
IPI:IPI00411984.5	STK3	cDNA FLJ16404 fis, clone UTERU2008019, highly similar to Serine/threonine-protein kinase 3	1	35.041	38.587	39.049	37.987	35.903	43.317	37.559	2.193
IPI:IPI00412216.2	VPS13C	vacuolar protein sorting 13C protein isoform 2B	7	313.457	305.602	305.644	324.550	331.576	339.175	308.234	4.523
IPI:IPI00412224.2	BRWD2	Bromodomain and WD repeat-containing protein 2	5	127.170	131.352	122.967	149.643	133.208	152.006	127.163	4.193
IPI:IPI00412229.2	BOLA3	BolA-like protein 3	5	196.728	194.698	200.263	179.300	181.588	185.112	197.230	2.816
IPI:IPI00412243.4	KIAA1609	TLD domain-containing protein KIAA1609	5	191.350	189.741	178.070	217.803	210.616	201.176	186.387	7.248
IPI:IPI00412272.2	SH3BGRL2	SH3 domain-binding glutamic acid-rich-like protein 2	2	69.962	68.081	69.609	72.114	84.257	74.942	69.217	1.000
IPI:IPI00412298.3	ATR	Isoform 1 of Serine/threonine-protein kinase ATR	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00412344.5	SRPK1	Isoform 2 of Serine/threonine-protein kinase SRPK1	4	227.758	211.169	224.504	177.838	194.148	181.080	221.144	8.790
IPI:IPI00412404.1	SUPV3L1	ATP-dependent RNA helicase SUPV3L1, mitochondrial	3	244.275	242.204	250.751	264.065	274.432	268.621	245.743	4.459

IPI:IPI00410287.3	578.951	34.809	-0.345	0.00440236	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00410319.1	0.000	0.000	n/a	n/a	1	97.815	98.180	109.379	122.984	131.066	131.983	101.791	6.574	128.678	4.952	0.338	0.00600077
IPI:IPI00410324.2	0.000	0.000	n/a	n/a	1	56.499	87.927	58.801	104.318	58.865	92.712	67.742	17.518	85.299	23.616	0.332	0.36427350
IPI:IPI00410330.3	44.260	6.023	-0.211	0.28962423	5	34.833	53.698	39.620	70.508	48.741	59.359	42.717	9.806	59.536	10.885	0.479	0.11849391
IPI:IPI00410347.5	0.000	0.000	n/a	n/a	1	27.260	40.265	26.554	31.652	21.673	32.303	31.360	7.720	28.543	5.958	-0.136	0.64634918
IPI:IPI00410485.2	710.354	30.055	0.056	0.30987715	5	208.400	215.388	212.634	264.776	259.666	265.451	212.141	3.520	263.298	3.163	0.312	0.00005211
IPI:IPI00410487.3	92.665	10.753	-0.541	0.02469497	1	23.706	24.965	20.425	26.041	25.467	32.573	23.032	2.344	28.027	3.947	0.283	0.14906620
IPI:IPI00410544.4	0.000	0.000	n/a	n/a	5	271.555	267.357	279.953	412.000	407.438	425.118	272.955	6.414	414.852	9.179	0.604	0.00006056
IPI:IPI00410584.4	39.924	5.692	0.253	0.35620775	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00410590.5	17.984	0.551	0.023	0.70299296	6	189.518	200.063	178.763	262.012	217.243	249.996	189.448	10.650	243.084	23.171	0.360	0.03980547
IPI:IPI00410618.4	117.000	3.198	-0.451	0.00195016	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00410631.4	251.364	9.954	0.213	0.02043102	5	408.913	395.155	396.888	491.239	482.034	492.469	400.319	7.493	488.581	5.703	0.287	0.00013440
IPI:IPI00410639.6	14.393	0.889	0.135	0.48020326	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00410657.2	193.936	16.292	0.201	0.10273051	9	737.127	787.289	721.741	894.858	800.621	857.190	748.719	34.277	850.890	47.433	0.185	0.04406548
IPI:IPI00410666.1	0.000	0.000	n/a	n/a	8	246.706	234.552	248.538	280.966	280.946	278.884	243.265	7.601	280.265	1.196	0.204	0.01220199
IPI:IPI00410681.2	203.253	15.989	0.005	0.95408037	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00410693.3	2,398.160	33.484	-0.357	0.01070137	19	702.705	676.777	675.150	348.893	386.508	349.939	684.877	15.461	361.780	21.421	-0.921	0.00006114
IPI:IPI00410714.5	940.874	290.152	0.565	0.20266031	5	232.124	237.832	201.625	269.162	250.778	317.795	223.860	19.467	279.245	34.628	0.319	0.09054382
IPI:IPI00410717.2	53.193	3.194	-0.148	0.11780064	11	250.056	244.625	259.280	271.539	279.008	273.757	251.320	7.409	274.768	3.836	0.129	0.01659998
IPI:IPI00411291.1	0.000	0.000	n/a	n/a	2	74.125	91.475	79.284	87.569	69.635	85.584	81.628	8.909	80.930	9.831	-0.012	0.93182454
IPI:IPI00411356.5	134.257	11.504	0.039	0.70118643	2	150.975	128.186	159.827	146.461	185.296	132.498	146.329	16.324	154.752	27.358	0.081	0.67717087
IPI:IPI00411375.3	164.779	6.309	0.268	0.00616610	2	95.780	86.126	96.879	65.088	61.694	64.181	92.928	5.917	63.654	1.757	-0.546	0.00880181
IPI:IPI00411426.3	160.662	11.498	0.387	0.01243384	6	354.952	345.899	349.616	276.868	272.027	282.090	350.156	4.551	276.995	5.033	-0.338	0.00005255
IPI:IPI00411452.3	388.140	24.060	0.189	0.06837582	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00411453.3	0.000	0.000	n/a	n/a	12	437.328	424.343	430.493	523.515	529.514	534.902	430.721	6.496	529.310	5.696	0.297	0.00004414
IPI:IPI00411531.3	0.000	0.000	n/a	n/a	3	93.565	96.626	93.210	139.130	136.822	136.043	94.467	1.878	137.332	1.605	0.540	0.00000927
IPI:IPI00411559.2	771.739	3.018	-0.393	0.00025149	27	1,252.720	1,232.770	1,225.830	1,637.120	1,651.570	1,628.910	1,237.107	13.960	1,639.200	11.472	0.406	0.00000415
IPI:IPI00411579.3	0.000	0.000	n/a	n/a	1	31.236	20.027	31.314	42.759	52.807	41.271	27.526	6.494	45.612	6.275	0.729	0.02566787
IPI:IPI00411614.1	0.000	0.000	n/a	n/a	14	659.977	655.243	685.345	816.035	784.945	804.002	666.855	16.187	801.661	15.677	0.266	0.00049693
IPI:IPI00411635.4	0.000	0.000	n/a	n/a	4	133.617	135.795	131.130	149.370	140.952	146.579	133.514	2.334	145.634	4.288	0.125	0.02189585
IPI:IPI00411639.1	0.000	0.000	n/a	n/a	4	207.496	218.042	194.804	102.577	99.743	101.053	206.781	11.636	101.124	1.418	-1.032	0.00361477
IPI:IPI00411656.4	69.115	5.988	0.214	0.09377169	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00411680.9	308.337	7.392	-0.025	0.47932500	10	479.157	414.258	491.135	416.825	487.068	422.152	461.517	41.363	442.015	39.108	-0.062	0.58507858
IPI:IPI00411705.2	52.172	6.825	0.082	0.54553804	1	39.466	47.981	47.330	43.124	39.793	40.985	44.926	4.739	41.300	1.688	-0.121	0.31665562
IPI:IPI00411706.1	935.028	8.126	0.176	0.00008029	14	919.382	901.605	907.201	645.090	747.819	668.266	909.396	9.089	687.058	53.881	-0.404	0.01683612
IPI:IPI00411730.5	168.070	11.883	-0.036	0.66950580	7	263.918	271.215	269.335	360.205	373.543	366.667	268.156	3.789	366.805	6.670	0.452	0.00014059
IPI:IPI00411733.4	188.507	29.586	-0.216	0.22441743	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00411763.2	0.000	0.000	n/a	n/a	1	34.515	32.457	27.625	37.306	39.092	40.751	31.532	3.537	39.050	1.723	0.308	0.04788648
IPI:IPI00411816.3	169.937	13.031	0.123	0.20693355	5	239.827	287.039	240.639	303.105	245.568	296.383	255.835	27.027	281.685	31.459	0.139	0.34306675
IPI:IPI00411886.4	67.212	4.131	-0.353	0.01164200	4	318.420	342.755	295.409	351.050	294.826	344.016	318.861	23.676	329.964	30.633	0.049	0.64705909
IPI:IPI00411901.6	143.056	12.693	0.157	0.22716108	2	80.729	86.709	81.196	111.519	99.545	108.531	82.878	3.326	106.532	6.233	0.362	0.00975127
IPI:IPI00411937.4	639.247	7.283	-0.072	0.14851778	18	786.786	787.391	768.211	820.725	784.979	807.924	780.796	10.903	804.543	18.111	0.043	0.13920238
IPI:IPI00411983.1	47.089	8.899	0.201	0.46114984	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00411984.5	39.069	3.823	0.057	0.59273021	10	331.677	343.952	341.742	378.866	370.190	378.302	339.124	6.543	375.786	4.854	0.148	0.00203124
IPI:IPI00412216.2	331.767	7.314	0.106	0.01398664	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00412224.2	144.952	10.239	0.189	0.07904959	4	150.826	140.743	149.879	161.633	167.058	154.320	147.149	5.568	161.004	6.392	0.130	0.04856313
IPI:IPI00412229.2	182.000	2.928	-0.116	0.00294303	6	458.986	429.215	485.849	370.221	413.990	384.445	458.017	28.329	389.552	22.327	-0.234	0.03279310
IPI:IPI00412243.4	209.865	8.339	0.171	0.02211057	1	40.021	40.542	50.798	55.744	68.554	60.949	43.787	6.077	61.749	6.442	0.496	0.02478477
IPI:IPI00412272.2	77.104	6.354	0.156	0.16201935	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00412298.3	0.000	0.000	n/a	n/a	1	39.930	33.199	32.301	53.342	55.965	50.770	35.143	4.170	53.359	2.597	0.602	0.00544581
IPI:IPI00412344.5	184.355	8.634	-0.262	0.00666529	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00412404.1	269.039	5.196	0.131	0.00445952	3	128.837	146.229	134.426	170.726	154.372	163.009	136.497	8.879	162.702	8.181	0.253	0.02003660

IPI:IPI00412406.1	HMGXB4	high-mobility group protein 2-like 1 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00412492.3	PLXND1	Isoform 1 of Plexin-D1	19	817.593	794.945	807.071	1,184.830	1,269.360	1,217.380	806.536	11.333
IPI:IPI00412497.2	DYNLRB1	Dynein, light chain, roadblock-type 1	5	327.588	389.010	351.501	392.947	349.976	342.453	356.033	30.961
IPI:IPI00412499.1	RABEP2	Isoform 1 of Rab GTPase-binding effector protein 2	1	152.797	175.958	147.847	167.685	147.758	165.571	158.867	15.006
IPI:IPI00412545.4	NDUFA5	Putative uncharacterized protein DKFZp781K1356	8	254.761	259.526	252.351	272.246	282.101	280.111	255.546	3.651
IPI:IPI00412579.6	RPL10A	60S ribosomal protein L10a	24	2,248.990	2,255.210	2,242.240	1,993.740	1,917.140	1,913.870	2,248.813	6.487
IPI:IPI00412607.6	RPL35	60S ribosomal protein L35	5	337.441	306.719	306.485	272.426	286.075	273.522	316.882	17.805
IPI:IPI00412650.1	SVIL	Isoform 1 of Supervillin	5	176.567	177.724	181.694	194.256	189.756	200.125	178.662	2.689
IPI:IPI00412657.2	TRIM27	Isoform Beta of Zinc finger protein RFP	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00412670.1	C2orf56	Isoform 1 of Protein midA homolog, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00412676.1	C15orf52	Isoform 1 of Uncharacterized protein C15orf52	2	47.274	48.917	51.832	48.520	45.050	49.974	49.341	2.309
IPI:IPI00412713.4	SAMM50	Sorting and assembly machinery component 50 homolog	4	234.913	221.846	231.345	235.776	249.116	259.321	229.368	6.754
IPI:IPI00412714.3	SERBP1	Isoform 4 of Plasminogen activator inhibitor 1 RNA-binding protein	1	8.856	10.690	10.247	9.035	8.429	8.186	9.931	0.957
IPI:IPI00412771.1	CD2AP	CD2-associated protein	11	1,032.310	1,057.100	1,043.250	1,058.830	1,014.740	1,044.070	1,044.220	12.423
IPI:IPI00412792.2	BTF3L4	Transcription factor BTF3 homolog 4	6	349.131	382.850	346.066	415.382	369.703	376.987	359.349	20.410
IPI:IPI00412811.4	COMMD10	COMM domain-containing protein 10	2	80.574	95.342	87.911	109.566	106.044	110.666	87.942	7.384
IPI:IPI00412880.2	CARM1	Isoform 1 of Histone-arginine methyltransferase CARM1	2	165.982	154.948	168.784	137.652	147.719	147.151	163.238	7.315
IPI:IPI00412987.1	GMFB	Glia maturation factor, beta	7	459.180	442.547	456.577	339.983	350.982	353.275	452.768	8.947
IPI:IPI00413100.1	PHLDB1	Isoform 1 of Pleckstrin homology-like domain family B member 1	7	287.540	279.323	292.700	248.018	260.130	258.584	286.521	6.746
IPI:IPI00413140.4	DNM1	Isoform 1 of Dynamin-1	4	307.669	342.680	313.045	404.833	334.656	403.588	321.131	18.854
IPI:IPI00413191.2	PPP1R12A	Isoform 3 of Protein phosphatase 1 regulatory subunit 12A	1	27.419	29.856	25.597	26.915	18.094	25.535	27.624	2.137
IPI:IPI00413265.4	SMC5	Structural maintenance of chromosomes protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00413272.3	MED23	Isoform 3 of Mediator of RNA polymerase II transcription subunit 23	1	25.253	40.979	39.191	28.045	29.695	33.659	35.141	8.610
IPI:IPI00413293.6	TOR1A	Torsin family 1, member A (Torsin A), isoform CRA_a	6	328.132	309.365	326.118	360.626	376.611	376.589	321.205	10.303
IPI:IPI00413318.4	PRKAG1	5'-AMP-activated protein kinase subunit gamma-1	1	80.691	76.058	83.121	83.410	101.222	87.781	79.957	3.588
IPI:IPI00413324.6	RPL17;LOC1	60S ribosomal protein L17	18	1,020.460	917.842	1,025.240	864.612	940.960	885.077	987.847	60.673
IPI:IPI00413344.3	CFL2	Cofilin-2	23	1,633.660	1,637.120	1,621.920	1,485.560	1,492.100	1,532.220	1,630.900	7.967
IPI:IPI00413362.1	SIPA1L1	Isoform 1 of Signal-induced proliferation-associated 1-like protein 1	6	241.193	243.418	250.116	244.947	244.247	249.640	244.909	4.645
IPI:IPI00413365.3	ZNF318	Isoform 1 of Zinc finger protein 318	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00413436.2	COX19	Cytochrome c oxidase assembly protein COX19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00413451.1	SERPINB6	Putative uncharacterized protein DKFZp686I04222	12	583.659	713.644	635.137	755.894	688.426	680.895	644.147	65.459
IPI:IPI00413500.4	COMMD4	Isoform 1 of COMM domain-containing protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00413517.6	ARHGEF10	Isoform 1 of Rho guanine nucleotide exchange factor 10	4	285.960	334.104	291.141	333.650	275.694	325.655	303.735	26.428
IPI:IPI00413611.1	TOP1	DNA topoisomerase 1	25	2,073.660	2,163.010	2,060.630	2,211.620	2,127.860	2,219.930	2,099.100	55.730
IPI:IPI00413641.7	AKR1B1	Aldose reductase	13	633.965	624.040	618.530	891.391	843.851	882.540	625.512	7.822
IPI:IPI00413659.4	ALKBH5	Isoform 2 of Alkylated DNA repair protein alkB homolog 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00413755.1	TAF4	Transcription initiation factor TFIID subunit 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00413778.7	FKBP1A	FKBP1A protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00413817.3	SERINC1	Serine incorporator 1	3	51.804	50.522	51.004	220.511	219.295	216.929	51.110	0.648
IPI:IPI00413895.2	GOLGA2	Golgi autoantigen, golgin subfamily a, 2	6	366.606	336.624	365.041	336.422	356.298	355.716	356.090	16.876
IPI:IPI00413922.7	MYL6B	11 kDa protein	1	16.321	15.606	18.620	11.191	12.391	13.020	16.849	1.575
IPI:IPI00413942.3	GRIPAP1	96 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414008.4	LMOD1	Putative uncharacterized protein LMOD1	25	1,842.110	1,870.700	1,755.410	1,520.740	1,374.700	1,491.150	1,822.740	60.036
IPI:IPI00414058.1	GRK5	G protein-coupled receptor kinase 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414127.3	RANBP1	Ran-specific GTPase-activating protein	6	552.398	615.112	516.400	469.278	466.155	448.865	561.303	49.955
IPI:IPI00414168.1	41338	E3 ubiquitin-protein ligase MARCH5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414197.3	WDR26	Isoform 1 of WD repeat-containing protein 26	3	205.421	201.805	217.288	230.368	249.207	233.789	208.171	8.100
IPI:IPI00414289.1	GPS1	Isoform 2 of COP9 signalosome complex subunit 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414315.9	EPS8L2	EPS8L2 protein	1	48.985	41.366	51.592	44.790	54.170	47.857	47.314	5.314
IPI:IPI00414320.2	ANXA11	cDNA FLJ55482, highly similar to Annexin A11	15	851.477	825.496	854.214	647.702	721.195	663.772	843.729	15.849
IPI:IPI00414323.5	SMEK2	Isoform 1 of Serine/threonine-protein phosphatase 4 regulatory subunit 3B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414384.1	HSDL2	Isoform 1 of Hydroxysteroid dehydrogenase-like protein 2	8	585.174	595.744	541.307	699.562	575.569	691.001	574.075	28.866
IPI:IPI00414410.2	MRPL22	Isoform 1 of 39S ribosomal protein L22, mitochondrial	1	109.835	135.120	112.964	159.076	134.629	168.713	119.306	13.784

IPI:IPI00412406.1	0.000	0.000	n/a	n/a	1	32.860	47.336	34.030	59.400	34.560	46.356	38.075	8.041	46.772	12.425	0.297	0.37556701
IPI:IPI00412492.3	1,223.857	42.636	0.602	0.00205452	4	179.424	189.131	186.003	246.695	220.963	243.869	184.853	4.955	237.176	14.112	0.360	0.01516712
IPI:IPI00412497.2	361.792	27.242	0.023	0.82220546	7	428.479	485.400	438.857	495.446	470.783	481.628	450.912	30.315	482.619	12.361	0.098	0.20451394
IPI:IPI00412499.1	160.338	10.946	0.013	0.89887528	3	122.166	144.950	124.337	174.565	147.403	159.904	130.484	12.575	160.624	13.595	0.300	0.04828074
IPI:IPI00412545.4	278.153	5.211	0.122	0.00505061	12	697.106	863.448	699.926	829.912	637.773	778.119	753.493	95.234	748.601	99.412	-0.009	0.95470398
IPI:IPI00412579.6	1,941.583	45.199	-0.212	0.00628215	35	2,076.680	2,137.820	2,049.770	2,641.370	2,488.610	2,568.860	2,088.090	45.120	2,566.280	76.413	0.297	0.00189958
IPI:IPI00412607.6	277.341	7.584	-0.192	0.04529228	3	81.992	83.870	81.420	108.945	102.399	104.541	82.427	1.282	105.295	3.338	0.353	0.00304853
IPI:IPI00412650.1	194.712	5.200	0.124	0.01775303	34	1,325.440	1,331.070	1,325.330	1,525.440	1,477.980	1,463.360	1,327.280	3.283	1,488.927	32.455	0.166	0.01251543
IPI:IPI00412657.2	0.000	0.000	n/a	n/a	2	73.010	75.811	75.991	92.964	92.067	90.524	74.938	1.672	91.852	1.234	0.294	0.00024761
IPI:IPI00412670.1	0.000	0.000	n/a	n/a	7	414.668	431.460	420.583	414.040	418.026	423.817	422.237	8.517	418.628	4.916	-0.012	0.56782364
IPI:IPI00412676.1	47.848	2.530	-0.044	0.49440438	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00412713.4	248.071	11.807	0.113	0.09252498	5	310.958	292.226	312.649	142.716	157.470	144.833	305.278	11.335	148.340	7.978	-1.041	0.00008993
IPI:IPI00412714.3	8.550	0.437	-0.216	0.11402161	1	13.378	11.954	13.733	3.203	2.575	2.033	13.022	0.941	2.603	0.585	-2.322	0.00026861
IPI:IPI00412771.1	1,039.213	22.443	-0.007	0.75681267	21	1,131.800	1,029.880	1,104.910	1,274.880	1,350.210	1,250.080	1,088.863	52.821	1,291.723	52.147	0.246	0.00913093
IPI:IPI00412792.2	387.357	24.542	0.108	0.20669042	20	593.292	663.191	603.660	550.306	489.875	548.725	620.048	37.721	529.635	34.443	-0.227	0.03801440
IPI:IPI00412811.4	108.759	2.414	0.306	0.02983166	5	117.711	101.875	107.051	93.515	93.293	96.514	108.879	8.075	94.441	1.799	-0.205	0.08405447
IPI:IPI00412880.2	144.174	5.655	-0.179	0.02614850	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00412987.1	348.080	7.105	-0.379	0.00013138	10	465.054	456.550	451.650	532.530	499.257	519.405	457.751	6.782	517.064	16.760	0.176	0.01520146
IPI:IPI00413100.1	255.577	6.592	-0.165	0.00475238	3	37.320	37.145	41.102	39.640	47.229	44.226	38.522	2.235	43.698	3.822	0.182	0.12966892
IPI:IPI00413140.4	381.026	40.162	0.247	0.10630662	2	108.424	93.436	114.471	105.728	133.703	111.908	105.444	10.830	117.113	14.696	0.151	0.33541013
IPI:IPI00413191.2	23.514	4.745	-0.232	0.27147843	22	854.387	946.091	877.977	993.661	920.744	975.110	892.818	47.619	963.172	37.896	0.109	0.11954442
IPI:IPI00413265.4	0.000	0.000	n/a	n/a	1	16.126	18.784	15.644	26.237	20.821	27.440	16.851	1.691	24.833	3.526	0.559	0.04122988
IPI:IPI00413272.3	30.466	2.885	-0.206	0.45184654	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00413293.6	371.275	9.223	0.209	0.00347075	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00413318.4	90.804	9.283	0.184	0.17018775	3	377.058	348.698	362.931	198.387	227.667	200.892	362.896	14.180	208.982	16.230	-0.796	0.00027235
IPI:IPI00413324.6	896.883	39.519	-0.139	0.10631845	18	735.466	705.436	760.778	913.736	943.522	917.788	733.893	27.704	925.015	16.155	0.334	0.00142031
IPI:IPI00413344.3	1,503.293	25.264	-0.118	0.00801926	14	736.089	740.811	718.332	718.512	669.389	703.844	731.744	11.853	697.248	25.217	-0.070	0.12650406
IPI:IPI00413362.1	246.278	2.933	0.008	0.69228902	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00413365.3	0.000	0.000	n/a	n/a	19	522.901	486.408	509.129	693.734	700.808	698.050	506.146	18.428	697.531	3.565	0.463	0.00230109
IPI:IPI00413436.2	0.000	0.000	n/a	n/a	1	45.275	60.654	41.070	21.104	13.729	18.102	49.000	10.310	17.645	3.709	-1.474	0.02374569
IPI:IPI00413451.1	708.405	41.299	0.137	0.23647095	10	503.831	465.969	510.967	297.442	309.986	291.804	493.589	24.184	299.744	9.307	-0.720	0.00204260
IPI:IPI00413500.4	0.000	0.000	n/a	n/a	2	50.233	54.058	52.622	76.690	80.303	80.432	52.304	1.932	79.142	2.124	0.598	0.00009068
IPI:IPI00413517.6	311.666	31.408	0.037	0.75584268	1	36.036	36.034	32.768	54.031	55.139	55.648	34.946	1.886	54.939	0.827	0.653	0.00076042
IPI:IPI00413611.1	2,186.470	50.928	0.059	0.11613854	14	543.657	569.814	547.830	699.614	636.284	686.095	553.767	14.053	673.998	33.353	0.283	0.01407226
IPI:IPI00413641.7	872.594	25.283	0.480	0.00172912	16	1,050.470	1,187.920	1,072.000	439.101	469.231	450.344	1,103.463	73.930	452.892	15.226	-1.285	0.00316260
IPI:IPI00413659.4	0.000	0.000	n/a	n/a	3	18.284	17.199	19.516	20.099	22.956	22.771	18.333	1.159	21.942	1.599	0.259	0.03870362
IPI:IPI00413755.1	0.000	0.000	n/a	n/a	3	95.844	95.388	105.124	123.246	120.710	139.763	98.785	5.494	127.906	10.346	0.373	0.02242142
IPI:IPI00413778.7	0.000	0.000	n/a	n/a	16	504.624	555.579	547.629	491.157	579.699	524.770	535.944	27.414	531.875	44.697	-0.011	0.90116930
IPI:IPI00413817.3	218.912	1.822	2.099	0.00000538	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00413895.2	349.479	11.311	-0.027	0.60743926	18	324.552	341.575	327.025	466.000	465.559	469.997	331.051	9.198	467.185	2.445	0.497	0.00080723
IPI:IPI00413922.7	12.201	0.929	-0.466	0.01848495	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00413942.3	0.000	0.000	n/a	n/a	15	459.284	484.644	442.068	587.858	531.541	583.438	461.999	21.417	567.612	31.317	0.297	0.01155509
IPI:IPI00414008.4	1,462.197	77.205	-0.318	0.00376633	1	43.688	33.794	40.860	36.560	46.217	39.198	39.447	5.096	40.659	4.991	0.044	0.78336944
IPI:IPI00414058.1	0.000	0.000	n/a	n/a	1	26.751	26.265	26.083	32.383	33.587	32.751	26.366	0.346	32.907	0.617	0.320	0.00040626
IPI:IPI00414127.3	461.433	10.995	-0.283	0.06805995	12	976.575	935.042	980.409	612.123	635.123	597.200	964.009	25.159	614.815	19.104	-0.649	0.00007355
IPI:IPI00414168.1	0.000	0.000	n/a	n/a	1	45.546	42.786	44.202	60.342	70.303	60.716	44.178	1.380	63.787	5.646	0.530	0.02156129
IPI:IPI00414197.3	237.788	10.036	0.192	0.01792150	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00414289.1	0.000	0.000	n/a	n/a	3	93.570	84.248	83.757	99.485	96.102	99.118	87.192	5.529	98.235	1.856	0.172	0.06226342
IPI:IPI00414315.9	48.939	4.783	0.049	0.71470826	8	125.937	124.620	107.314	140.242	144.003	143.503	119.290	10.393	142.583	2.042	0.257	0.05561769
IPI:IPI00414320.2	677.556	38.637	-0.316	0.00918592	14	544.353	539.398	541.897	355.679	398.826	373.307	541.883	2.478	375.937	21.693	-0.527	0.00518373
IPI:IPI00414323.5	0.000	0.000	n/a	n/a	1	27.926	36.920	30.115	40.550	33.456	40.843	31.653	4.690	38.283	4.183	0.274	0.14292279
IPI:IPI00414384.1	655.377	69.248	0.191	0.16828188	9	447.245	455.527	437.394	396.918	369.781	387.063	446.722	9.078	384.587	13.737	-0.216	0.00461644
IPI:IPI00414410.2	154.139	17.570	0.370	0.05730969	1	46.356	43.144	46.183	21.256	26.327	24.330	45.228	1.806	23.971	2.554	-0.916	0.00053039

IPI:IPI00414481.7	GTF3C1	GTF3C1 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414542.2	PDCD1LG2	Isoform 1 of Programmed cell death 1 ligand 2	1	44.459	36.457	43.340	56.741	55.713	59.548	41.418	4.333
IPI:IPI00414548.1	C7orf44	Uncharacterized protein C7orf44	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414554.5	ARPC5L	Actin-related protein 2/3 complex subunit 5-like protein	6	167.013	155.895	163.145	163.231	187.013	169.601	162.018	5.644
IPI:IPI00414629.2	UNC119B	Protein unc-119 homolog B	1	94.568	93.533	88.673	114.393	116.055	125.610	92.258	3.147
IPI:IPI00414661.7	LARP6	La-related protein 6	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414676.6	HSP90AB1	Heat shock protein HSP 90-beta	66	3,549.280	3,663.190	3,634.220	3,339.920	3,263.840	3,329.800	3,615.563	59.202
IPI:IPI00414717.1	GLG1	Isoform 2 of Golgi apparatus protein 1	20	1,809.730	1,825.910	1,819.670	1,418.290	1,410.450	1,439.490	1,818.437	8.160
IPI:IPI00414767.1	APTX	Isoform 7 of Aprataxin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414819.2	SKIV2L	Helicase SKI2W	5	456.100	470.596	459.797	494.430	477.505	492.125	462.164	7.532
IPI:IPI00414836.6	OSTF1	Osteoclast-stimulating factor 1	7	361.333	361.428	355.987	372.861	371.876	372.045	359.583	3.114
IPI:IPI00414858.3	COG3	Isoform 1 of Conserved oligomeric Golgi complex subunit 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414860.6	RPL37A	60S ribosomal protein L37a	5	190.823	187.247	206.404	182.571	212.997	192.276	194.825	10.186
IPI:IPI00414909.1	NAGA	Alpha-N-acetylgalactosaminidase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00414973.1	FASTKD5	FAST kinase domain-containing protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00415044.3	FBXL19	Isoform 2 of F-box/LRR-repeat protein 19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418142.2	KRIT1	Isoform 1 of Krev interaction trapped protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418169.3	ANXA2	annexin A2 isoform 1	105	4,212.390	4,606.060	4,566.170	5,424.690	5,003.750	4,817.130	4,461.540	216.690
IPI:IPI00418234.4	MECP2	Isoform A of Methyl-CpG-binding protein 2	3	24.782	33.358	28.942	31.123	26.597	27.375	29.027	4.289
IPI:IPI00418238.1	AGFG2	Isoform 1 of Arf-GAP domain and FG repeats-containing protein 2	1	37.136	32.362	29.756	41.035	33.870	37.148	33.085	3.742
IPI:IPI00418240.1	NEBL	nebulette non-muscle isoform	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418248.2	HCCA2	cDNA FLJ56351, highly similar to Mps one binder kinase activator-like 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418262.5	ALDOC	Fructose-bisphosphate aldolase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418277.3	CHSY3	Chondroitin sulfate synthase 3	1	41.310	32.071	37.156	44.982	50.638	49.424	36.846	4.627
IPI:IPI00418290.1	MRPL14	39S ribosomal protein L14, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418313.3	ILF3	interleukin enhancer binding factor 3 isoform d	43	2,995.330	3,034.960	2,979.710	3,014.170	2,965.230	3,057.500	3,003.333	28.481
IPI:IPI00418316.6	ZMYND8	cDNA FLJ55380, highly similar to Protein kinase C-binding protein 1	1	25.139	26.990	25.602	35.401	30.498	28.978	25.910	0.963
IPI:IPI00418336.3	INTS3	Isoform 2 of Integrator complex subunit 3	2	28.804	28.029	33.532	30.797	34.161	31.567	30.122	2.979
IPI:IPI00418340.6	C2orf3	Isoform 1 of GC-rich sequence DNA-binding factor	1	4.168	6.518	4.024	6.450	4.434	3.539	4.903	1.400
IPI:IPI00418382.1	OPLAH	5-oxoprolinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418426.6	CNNM4	Metal transporter CNNM4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418468.1	ANKRD16	Ankyrin repeat domain-containing protein 16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418471.6	VIM	Vimentin	216	10,893.000	11,733.600	10,875.800	9,822.330	9,340.650	10,493.300	11,167.467	490.361
IPI:IPI00418497.1	TIMM50	Isoform 2 of Mitochondrial import inner membrane translocase subunit TIM50	3	240.304	260.976	242.538	215.210	221.535	211.709	247.939	11.345
IPI:IPI00418603.1	UBE2R2	Ubiquitin-conjugating enzyme E2 R2	4	225.129	237.688	216.469	216.139	225.884	217.193	226.429	10.669
IPI:IPI00418653.4	NBEAL1	neurobeachin-like 1 isoform 3	4	160.694	175.582	160.500	167.334	158.528	173.787	165.592	8.652
IPI:IPI00418754.3	TMPPE	Isoform 1 of Transmembrane protein with metallophosphoesterase domain	1	31.880	34.330	36.360	43.079	46.642	36.956	34.190	2.243
IPI:IPI00418799.1	FAM65A	Isoform 1 of Protein FAM65A	3	151.145	148.871	163.742	179.454	181.792	176.863	154.586	8.010
IPI:IPI00418972.3	SLC9A6	solute carrier family 9 (sodium/hydrogen exchanger), member 6 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00418991.5	QSER1	Isoform 1 of Glutamine and serine-rich protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419084.2	DENND5B	Isoform 2 of DENN domain-containing protein 5B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419194.2	IAH1	Isoamyl acetate-hydrolyzing esterase 1 homolog	5	195.761	208.497	195.564	185.763	151.804	178.113	199.941	7.411
IPI:IPI00419221.4	MBOAT2	Lysophospholipid acyltransferase 2	1	54.334	64.347	54.752	71.604	60.527	60.071	57.811	5.664
IPI:IPI00419237.3	LAP3	Isoform 1 of Cytosol aminopeptidase	27	1,938.090	2,051.430	1,918.430	2,148.740	1,935.640	2,158.180	1,969.317	71.788
IPI:IPI00419258.4	HMGB1	High mobility group protein B1	23	1,676.000	1,673.470	1,846.220	1,422.240	1,449.950	1,326.630	1,731.897	99.015
IPI:IPI00419263.3	PECI	Peroxisomal 3,2-trans-enoyl-CoA isomerase	8	451.038	431.367	464.457	457.008	478.791	463.697	448.954	16.643
IPI:IPI00419266.1	NDUFA6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, 14kDa	2	91.320	75.976	92.470	107.420	106.282	109.987	86.588	9.209
IPI:IPI00419273.5	CUL4A	Isoform 1 of Cullin-4A	4	330.376	329.050	319.543	345.418	369.951	354.004	326.323	5.909
IPI:IPI00419327.3	FAT4	Isoform 2 of Protocadherin Fat 4	1	15.720	14.792	19.505	14.518	20.755	18.091	16.672	2.497
IPI:IPI00419373.1	HNRNPA3	Isoform 1 of Heterogeneous nuclear ribonucleoprotein A3	29	2,381.910	2,364.570	2,557.830	1,995.270	2,028.410	1,772.560	2,434.770	106.925
IPI:IPI00419431.5	ASXL2	Isoform 1 of Putative Polycomb group protein ASXL2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419433.2	RAB11FIP1	Isoform 1 of Rab11 family-interacting protein 1	1	68.734	70.342	74.488	42.317	50.976	49.933	71.188	2.969

IPI:IPI00414481.7	0.000	0.000	n/a	n/a	7	268.490	270.564	257.322	414.182	380.859	405.589	265.459	7.122	400.210	17.300	0.592	0.00196461
IPI:IPI00414542.2	57.334	1.985	0.469	0.01235692	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00414548.1	0.000	0.000	n/a	n/a	2	168.268	169.477	168.969	189.471	193.502	195.015	168.905	0.607	192.663	2.866	0.190	0.00353730
IPI:IPI00414554.5	173.282	12.311	0.097	0.25166156	8	239.509	293.015	238.434	343.071	270.246	331.913	256.986	31.207	315.077	39.223	0.294	0.11878478
IPI:IPI00414629.2	118.686	6.054	0.363	0.00671081	2	45.946	40.745	46.205	49.120	54.851	54.834	44.299	3.080	52.935	3.304	0.257	0.02984916
IPI:IPI00414661.7	0.000	0.000	n/a	n/a	2	26.267	24.935	27.760	16.079	24.540	17.225	26.321	1.413	19.281	4.590	-0.449	0.10691320
IPI:IPI00414676.6	3,311.187	41.314	-0.127	0.00288001	216	9,826.040	10,064.900	9,609.560	12,082.900	11,319.500	11,889.200	9,833.500	227.762	11,763.867	396.833	0.259	0.00430358
IPI:IPI00414717.1	1,422.743	15.023	-0.354	0.00002811	8	429.538	464.042	443.109	249.519	240.755	258.610	445.563	17.382	249.628	8.928	-0.836	0.00042799
IPI:IPI00414767.1	0.000	0.000	n/a	n/a	3	94.858	84.754	98.547	104.440	127.886	115.804	92.720	7.140	116.043	11.725	0.324	0.05396858
IPI:IPI00414819.2	488.020	9.179	0.079	0.02107988	4	129.745	157.224	128.247	178.276	147.887	182.453	138.405	16.315	169.539	18.867	0.293	0.09846000
IPI:IPI00414836.6	372.261	0.527	0.050	0.01730937	5	173.638	188.317	186.240	191.208	176.282	191.856	182.732	7.944	186.449	8.811	0.029	0.61686881
IPI:IPI00414858.3	0.000	0.000	n/a	n/a	2	54.149	48.398	63.549	55.108	73.292	53.571	55.365	7.648	60.657	10.969	0.132	0.53508160
IPI:IPI00414860.6	195.948	15.542	0.008	0.92280328	2	105.267	110.530	100.889	79.401	71.882	78.504	105.562	4.827	76.595	4.107	-0.463	0.00153197
IPI:IPI00414909.1	0.000	0.000	n/a	n/a	3	84.674	76.273	85.762	110.615	111.918	113.702	82.236	5.193	112.078	1.550	0.447	0.00622330
IPI:IPI00414973.1	0.000	0.000	n/a	n/a	1	10.607	12.937	9.579	18.690	14.840	16.975	11.041	1.721	16.835	1.929	0.609	0.01830324
IPI:IPI00415044.3	0.000	0.000	n/a	n/a	1	6.543	8.268	7.724	11.825	10.346	10.465	7.512	0.882	10.879	0.822	0.534	0.00852835
IPI:IPI00418142.2	0.000	0.000	n/a	n/a	2	72.526	85.494	78.667	107.492	99.856	103.261	78.896	6.487	103.536	3.826	0.392	0.00880780
IPI:IPI00418169.3	5,081.857	311.220	0.188	0.05389282	109	4,561.500	4,797.560	4,629.860	4,552.750	4,446.580	4,694.020	4,662.973	121.464	4,564.450	124.134	-0.031	0.38209203
IPI:IPI00418234.4	28.365	2.420	-0.033	0.83053933	6	228.107	236.770	226.511	202.467	199.667	199.999	230.463	5.520	200.711	1.530	-0.199	0.00763331
IPI:IPI00418238.1	37.351	3.587	0.175	0.22746388	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00418240.1	0.000	0.000	n/a	n/a	6	377.387	422.236	367.902	427.104	336.472	403.766	389.175	29.022	389.114	47.059	0.000	0.99858411
IPI:IPI00418248.2	0.000	0.000	n/a	n/a	1	58.871	51.962	59.903	64.504	70.430	60.471	56.912	4.318	65.135	5.010	0.195	0.09964591
IPI:IPI00418262.5	0.000	0.000	n/a	n/a	13	452.071	486.759	463.039	485.089	471.332	475.898	467.290	17.730	477.440	7.007	0.031	0.43380408
IPI:IPI00418277.3	48.348	2.977	0.392	0.02926088	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00418290.1	0.000	0.000	n/a	n/a	2	66.304	63.984	73.626	99.187	106.727	88.913	67.971	5.033	98.276	8.942	0.532	0.01280751
IPI:IPI00418313.3	3,012.300	46.163	0.004	0.79155016	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00418316.6	31.626	3.357	0.288	0.08874427	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00418336.3	32.175	1.763	0.095	0.37518038	3	73.446	68.401	75.342	96.502	103.845	93.169	72.396	3.588	97.839	5.462	0.434	0.00420940
IPI:IPI00418340.6	4.808	1.491	-0.028	0.93957230	3	75.076	84.061	74.530	85.439	75.999	85.224	77.889	5.352	82.220	5.389	0.078	0.37949268
IPI:IPI00418382.1	0.000	0.000	n/a	n/a	1	5.648	7.909	4.573	6.070	3.873	5.669	6.043	1.703	5.204	1.170	-0.216	0.52889441
IPI:IPI00418426.6	0.000	0.000	n/a	n/a	3	104.917	116.364	104.475	120.441	109.484	115.470	108.585	6.740	115.132	5.486	0.084	0.26500180
IPI:IPI00418468.1	0.000	0.000	n/a	n/a	1	43.719	48.885	47.904	75.312	65.085	73.352	46.836	2.744	71.250	5.428	0.605	0.00638508
IPI:IPI00418471.6	9,885.427	578.910	-0.176	0.04446703	394	15,435.000	15,682.000	15,598.800	12,851.000	12,514.900	13,005.600	15,571.933	125.673	12,790.500	250.882	-0.284	0.00048140
IPI:IPI00418497.1	216.151	4.980	-0.198	0.02555761	15	469.655	421.414	471.604	500.466	554.401	514.129	454.224	28.431	522.999	28.040	0.203	0.04067931
IPI:IPI00418603.1	219.739	5.348	-0.043	0.40569354	3	107.234	135.228	109.773	169.704	126.166	150.304	117.412	15.482	148.725	21.812	0.341	0.12023156
IPI:IPI00418653.4	166.550	7.660	0.008	0.89357918	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00418754.3	42.226	4.899	0.305	0.08738370	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00418799.1	179.370	2.466	0.215	0.02491790	2	78.292	72.003	86.425	44.660	54.753	44.173	78.907	7.231	47.862	5.973	-0.721	0.00510181
IPI:IPI00418972.3	0.000	0.000	n/a	n/a	1	68.620	67.924	65.913	41.028	40.492	43.550	67.485	1.406	41.690	1.633	-0.695	0.00003852
IPI:IPI00418991.5	0.000	0.000	n/a	n/a	1	46.217	45.917	46.818	58.509	58.498	55.389	46.317	0.459	57.465	1.798	0.311	0.00591993
IPI:IPI00419084.2	0.000	0.000	n/a	n/a	2	57.414	58.189	56.658	81.777	85.274	81.416	57.420	0.765	82.822	2.131	0.528	0.00085040
IPI:IPI00419194.2	171.893	17.813	-0.218	0.09667355	4	212.390	203.539	212.000	237.357	249.659	239.983	209.310	5.001	242.333	6.479	0.211	0.00277139
IPI:IPI00419221.4	64.067	6.531	0.148	0.27966598	2	76.163	81.550	73.552	107.481	100.989	114.852	77.088	4.079	107.774	6.936	0.483	0.00557955
IPI:IPI00419237.3	2,080.853	125.847	0.079	0.27039967	39	1,731.400	1,702.670	1,756.890	1,723.220	1,763.690	1,740.210	1,730.320	27.126	1,742.373	20.322	0.010	0.57374933
IPI:IPI00419258.4	1,399.607	64.701	-0.307	0.01197895	43	2,801.150	2,862.370	2,741.070	1,740.730	1,683.980	1,737.010	2,801.530	60.651	1,720.573	31.745	-0.703	0.00010311
IPI:IPI00419263.3	466.499	11.158	0.055	0.21466549	24	779.532	817.489	757.850	830.030	745.934	830.102	784.957	30.187	802.022	48.574	0.031	0.63786097
IPI:IPI00419266.1	107.896	1.898	0.317	0.05185766	2	110.936	126.910	116.758	91.591	94.842	91.038	118.201	8.084	92.490	2.056	-0.354	0.02551140
IPI:IPI00419273.5	356.458	12.449	0.127	0.03515415	4	189.168	172.902	196.386	125.424	154.876	131.172	186.152	12.029	137.157	15.612	-0.441	0.01443240
IPI:IPI00419327.3	17.788	3.129	0.093	0.65576305	1	30.359	30.302	30.351	20.092	22.699	19.059	30.337	0.031	20.617	1.876	-0.557	0.01219613
IPI:IPI00419373.1	1,932.080	139.139	-0.334	0.00912498	74	2,905.040	2,933.030	2,958.020	3,169.630	3,319.690	3,128.660	2,932.030	26.504	3,205.993	100.573	0.129	0.03499674
IPI:IPI00419431.5	0.000	0.000	n/a	n/a	2	28.554	23.818	27.124	46.625	47.329	47.401	26.499	2.429	47.118	0.429	0.830	0.00369190
IPI:IPI00419433.2	47.742	4.727	-0.576	0.00360366	4	143.238	148.389	145.532	157.812	154.810	153.778	145.720	2.581	155.467	2.096	0.093	0.00791568

IPI:IPI00419473.5	BTF3	Isoform 2 of Transcription factor BTF3	8	249.587	236.121	256.923	202.114	197.539	184.056	247.544	10.550
IPI:IPI00419531.2	CPSF2	Cleavage and polyadenylation specificity factor subunit 2	3	228.637	214.584	234.046	234.490	242.852	239.890	225.756	10.046
IPI:IPI00419579.6	CYP20A1	Cytochrome P450 20A1	5	220.975	211.496	229.078	261.535	260.535	280.040	220.516	8.800
IPI:IPI00419585.9	PPIA	Peptidyl-prolyl cis-trans isomerase A	39	3,331.980	3,124.940	3,634.780	2,755.760	2,966.710	2,607.600	3,363.900	256.414
IPI:IPI00419626.2	MRPL55	Isoform 2 of 39S ribosomal protein L55, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419643.1	LCLAT1	Isoform 1 of Lysocardiolipin acyltransferase 1	1	62.751	67.089	65.094	69.964	68.525	74.552	64.978	2.171
IPI:IPI00419721.1	EPM2AIP1	EPM2A-interacting protein 1	1	41.919	44.427	38.968	32.070	25.403	31.031	41.772	2.732
IPI:IPI00419724.2	SEMA4B	semaphorin 4B precursor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419791.3	RSRC2	Isoform 1 of Arginine/serine-rich coiled-coil protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419802.4	HIBCH	Isoform 1 of 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial	5	469.958	464.120	466.332	539.053	509.300	521.160	466.803	2.947
IPI:IPI00419844.3	USP39	U4/U6.U5 tri-snRNP-associated protein 2	2	113.976	138.530	108.549	131.454	86.983	132.829	120.352	15.975
IPI:IPI00419847.3	SORBS3	Isoform Alpha of Vinexin	4	275.541	293.883	264.369	284.724	259.264	286.587	277.931	14.901
IPI:IPI00419869.1	COX15	Isoform 1 of Cytochrome c oxidase assembly protein COX15 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419880.6	RPS3A	40S ribosomal protein S3a	33	2,931.390	2,977.080	2,979.630	2,682.830	2,632.000	2,619.740	2,962.700	27.145
IPI:IPI00419894.1	CUX1	Isoform 3 of Homeobox protein cut-like 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419912.2	YY2	Transcription factor YY2	1	89.845	89.719	100.621	77.066	82.090	86.711	93.395	6.258
IPI:IPI00419919.5	RPL29;RPL2	60S ribosomal protein L29	11	961.157	955.874	948.591	625.225	628.299	658.413	955.207	6.309
IPI:IPI00419932.5	RAB12	Putative Ras-related protein Rab-12	2	59.514	69.061	55.965	80.900	60.998	84.126	61.514	6.773
IPI:IPI00419957.2	ATP2C1	Isoform 1 of Calcium-transporting ATPase type 2C member 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419963.4	MAEA	Isoform 4 of Macrophage erythroblast attacher	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00419979.3	PAK2;LOC64	Serine/threonine-protein kinase PAK 2	13	1,038.880	941.891	1,053.710	974.978	1,066.770	1,007.720	1,011.494	60.732
IPI:IPI00420014.2	SNRNP200	Isoform 1 of U5 small nuclear ribonucleoprotein 200 kDa helicase	19	2,145.480	1,977.200	2,101.260	1,836.010	1,971.300	1,905.730	2,074.647	87.240
IPI:IPI00420025.2	ARMC10	Isoform 2 of Armadillo repeat-containing protein 10	3	145.911	181.562	140.693	227.972	177.674	196.961	156.055	22.243
IPI:IPI00420058.3	MLST8	Isoform 3 of Target of rapamycin complex subunit LST8	1	30.682	27.986	33.589	29.462	33.284	31.353	30.752	2.802
IPI:IPI00420065.3	ACAD11	Isoform 1 of Acyl-CoA dehydrogenase family member 11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00420108.5	DLST;DLSTP	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	13	939.986	816.779	889.332	953.253	997.975	963.409	882.032	61.927
IPI:IPI00423392.4	KIAA1128	cDNA FLJ52095	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00423568.1	KRAS	Isoform 2A of GTPase KRas	2	299.069	278.738	295.734	269.939	283.510	280.007	291.180	10.904
IPI:IPI00423570.3	KRAS	Isoform 2B of GTPase KRas	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00424460.3	ZFYVE16	Isoform 1 of Zinc finger FYVE domain-containing protein 16	8	264.835	264.904	254.658	283.450	268.643	278.136	261.466	5.896
IPI:IPI00424869.2	RAP1GDS1	RAP1, GTP-GDP dissociation stimulator 1 isoform 6	17	945.192	949.163	968.947	874.047	932.785	914.644	954.434	12.724
IPI:IPI00425404.2	KIF21A	Isoform 1 of Kinesin-like protein KIF21A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00425669.2	C10orf4	Isoform 4 of Protein FRA10AC1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00425902.4	SSR2	cDNA FLJ56303, highly similar to Translocon-associated protein subunit beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00426305.2	RXRB	Retinoic acid receptor RXR-beta	1	21.407	22.629	18.651	23.322	16.309	23.059	20.896	2.038
IPI:IPI00426640.1	GTF2H2	General transcription factor IIH subunit 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00426727.1	MBD4	Isoform 1 of Methyl-CpG-binding domain protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00427037.1	TSEN2	Isoform 1 of tRNA-splicing endonuclease subunit Sen2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00427330.3	SBDS	Ribosome maturation protein SBDS	22	1,566.360	1,554.370	1,520.670	1,562.420	1,600.980	1,605.090	1,547.133	23.689
IPI:IPI00427586.4	PRKG1	cGMP-dependent protein kinase 1, alpha isozyme	10	362.914	373.739	351.511	362.812	335.318	364.649	362.721	11.115
IPI:IPI00429191.3	ETF1	Eukaryotic peptide chain release factor subunit 1	28	1,631.270	1,648.690	1,571.000	1,793.660	1,763.260	1,820.520	1,616.987	40.767
IPI:IPI00429633.6	ERO1LB	ERO1-like protein beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00429689.3	PPP2CB	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform	3	101.422	90.102	98.678	92.464	113.664	99.766	96.734	5.905
IPI:IPI00430291.6	CAMK2D	Isoform Delta 2 of Calcium/calmodulin-dependent protein kinase type II delta chain	11	408.468	420.980	404.268	480.465	435.008	481.638	411.239	8.694
IPI:IPI00430411.1	CAMK4	Calcium/calmodulin-dependent protein kinase type IV	2	88.043	84.535	89.847	67.635	71.732	70.818	87.475	2.701
IPI:IPI00430472.2	ASCC3	Activating signal cointegrator 1 complex subunit 3	10	561.725	552.409	566.249	538.769	598.620	560.650	560.128	7.057
IPI:IPI00430622.1	SPG20	Spartin	12	832.498	737.341	813.816	964.108	1,075.680	982.862	794.552	50.419
IPI:IPI00430803.3	C2orf79	Uncharacterized protein C2orf79	3	239.717	242.235	251.738	271.281	281.426	268.133	244.563	6.340
IPI:IPI00430812.6	CNBP	Isoform 1 of Cellular nucleic acid-binding protein	3	353.720	339.968	359.408	230.175	248.510	214.002	351.032	9.995
IPI:IPI00431025.1	ABI1	Isoform 1 of Abl interactor 1	1	89.058	65.353	71.279	58.325	67.479	57.263	75.230	12.337
IPI:IPI00431127.3	CCNK	Isoform 3 of Cyclin-K	2	134.002	136.976	124.673	142.601	130.234	141.806	131.884	6.419

IPI:IPI00419473.5	194.570	9.388	-0.347	0.00306460	30	1,120.860	1,087.800	1,141.620	1,213.130	1,242.440	1,217.380	1,116.760	27.143	1,224.317	15.838	0.133	0.00784274
IPI:IPI00419531.2	239.077	4.240	0.083	0.13501756	12	307.534	267.605	288.389	309.843	352.808	311.446	287.843	19.970	324.699	24.356	0.174	0.11534920
IPI:IPI00419579.6	267.370	10.984	0.278	0.00521743	1	34.078	39.581	35.958	49.900	35.726	46.473	36.539	2.797	44.033	7.395	0.269	0.21454947
IPI:IPI00419585.9	2,776.690	180.468	-0.277	0.03692658	179	7,387.890	7,046.520	7,460.870	8,021.600	8,468.410	8,352.080	7,298.427	221.188	8,280.697	231.801	0.182	0.00608648
IPI:IPI00419626.2	0.000	0.000	n/a	n/a	2	31.794	25.864	31.457	19.910	24.765	20.879	29.705	3.331	21.851	2.569	-0.443	0.03490999
IPI:IPI00419643.1	71.013	3.148	0.128	0.05959318	3	81.037	87.466	82.915	119.870	115.711	116.338	83.806	3.306	117.306	2.242	0.485	0.00029067
IPI:IPI00419721.1	29.501	3.587	-0.502	0.01087079	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00419724.2	0.000	0.000	n/a	n/a	2	32.553	31.194	28.305	28.732	30.917	29.415	30.684	2.169	29.688	1.118	-0.048	0.53186553
IPI:IPI00419791.3	0.000	0.000	n/a	n/a	4	120.765	109.651	123.867	103.707	115.115	104.787	118.094	7.475	107.870	6.298	-0.131	0.14643026
IPI:IPI00419802.4	523.171	14.978	0.164	0.01954941	9	699.706	758.129	702.141	571.374	513.547	561.114	719.992	33.050	548.678	30.854	-0.392	0.00283668
IPI:IPI00419844.3	117.089	26.081	-0.040	0.86541087	6	206.748	194.503	203.143	217.121	222.922	217.400	201.465	6.293	219.148	3.272	0.121	0.02276764
IPI:IPI00419847.3	276.858	15.266	-0.006	0.93538933	1	92.887	82.806	97.760	32.147	38.967	34.907	91.151	7.626	35.340	3.431	-1.367	0.00197639
IPI:IPI00419869.1	0.000	0.000	n/a	n/a	1	31.535	26.148	33.011	22.202	27.959	21.656	30.231	3.613	23.939	3.492	-0.337	0.09602717
IPI:IPI00419880.6	2,644.857	33.452	-0.164	0.00027700	40	2,639.200	2,570.690	2,636.150	2,522.900	2,708.120	2,551.240	2,615.347	38.704	2,594.087	99.767	-0.012	0.75729641
IPI:IPI00419894.1	0.000	0.000	n/a	n/a	18	570.551	623.106	562.988	775.382	699.035	748.226	585.548	32.745	740.881	38.700	0.339	0.00653359
IPI:IPI00419912.2	81.956	4.824	-0.189	0.07032241	2	89.277	94.107	83.782	125.869	104.685	116.363	89.055	5.166	115.639	10.611	0.377	0.03187517
IPI:IPI00419919.5	637.312	18.338	-0.584	0.00036920	5	452.208	439.061	450.023	322.217	312.748	327.110	447.097	7.045	320.692	7.301	-0.479	0.00002825
IPI:IPI00419932.5	75.341	12.526	0.293	0.18902682	2	58.988	52.932	53.156	63.134	72.259	71.854	55.025	3.434	69.082	5.155	0.328	0.02226605
IPI:IPI00419957.2	0.000	0.000	n/a	n/a	9	173.987	183.665	184.771	222.009	242.184	216.449	180.808	5.933	226.881	13.542	0.327	0.01567548
IPI:IPI00419963.4	0.000	0.000	n/a	n/a	2	92.095	99.222	88.583	145.380	116.887	133.306	93.300	5.421	131.858	14.302	0.499	0.03054438
IPI:IPI00419979.3	1,016.489	46.520	0.007	0.91700336	31	1,710.160	1,715.010	1,695.410	1,928.180	1,890.590	1,866.010	1,706.860	10.208	1,894.927	31.311	0.151	0.00516231
IPI:IPI00420014.2	1,904.347	67.656	-0.124	0.05935132	26	1,140.080	1,023.240	1,152.370	1,008.760	1,146.280	1,043.270	1,105.230	71.271	1,066.103	71.547	-0.052	0.53918588
IPI:IPI00420025.2	200.869	25.376	0.364	0.08446363	1	32.521	32.302	30.725	24.486	30.049	25.747	31.849	0.980	26.761	2.917	-0.251	0.08187451
IPI:IPI00420058.3	31.366	1.911	0.029	0.77145635	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00420065.3	0.000	0.000	n/a	n/a	3	111.235	100.883	113.328	93.838	116.704	96.676	108.482	6.664	102.406	12.464	-0.083	0.50962212
IPI:IPI00420108.5	971.546	23.445	0.139	0.11608957	20	922.065	942.187	910.753	808.166	756.590	787.514	925.002	15.921	784.090	25.958	-0.238	0.00278910
IPI:IPI00423392.4	0.000	0.000	n/a	n/a	1	12.130	11.168	13.662	12.702	13.967	14.742	12.320	1.258	13.804	1.030	0.164	0.19216210
IPI:IPI00423568.1	277.819	7.045	-0.068	0.16140253	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00423570.3	0.000	0.000	n/a	n/a	4	173.865	163.006	172.648	233.743	256.905	226.517	169.840	5.949	239.055	15.875	0.493	0.00971222
IPI:IPI00424460.3	276.743	7.501	0.082	0.05331645	15	490.735	458.065	464.263	670.669	699.406	669.389	471.021	17.352	679.821	16.973	0.529	0.00011984
IPI:IPI00424869.2	907.159	30.076	-0.073	0.09711287	5	173.423	176.505	173.560	52.675	43.951	52.608	174.496	1.741	49.745	5.017	-1.811	0.00014683
IPI:IPI00425404.2	0.000	0.000	n/a	n/a	4	98.131	93.590	105.123	131.112	162.214	130.364	98.948	5.810	141.230	18.177	0.513	0.04579178
IPI:IPI00425669.2	0.000	0.000	n/a	n/a	1	23.825	30.201	25.883	47.846	32.743	49.477	26.636	3.254	43.355	9.226	0.703	0.07504577
IPI:IPI00425902.4	0.000	0.000	n/a	n/a	1	54.488	56.538	57.009	70.496	52.066	70.617	56.012	1.340	64.393	10.676	0.201	0.30727819
IPI:IPI00426305.2	20.897	3.975	0.000	0.99983072	2	57.922	54.203	59.137	73.775	89.764	74.377	57.087	2.570	79.305	9.062	0.474	0.04258576
IPI:IPI00426640.1	0.000	0.000	n/a	n/a	1	70.909	74.597	73.619	58.592	55.228	61.101	73.042	1.911	58.307	2.947	-0.325	0.00339286
IPI:IPI00426727.1	0.000	0.000	n/a	n/a	2	51.178	59.843	59.520	52.580	44.873	51.209	56.847	4.912	49.554	4.112	-0.198	0.12239478
IPI:IPI00427037.1	0.000	0.000	n/a	n/a	1	51.257	50.082	52.791	77.229	85.344	78.003	51.377	1.358	80.192	4.479	0.642	0.00471542
IPI:IPI00427330.3	1,589.497	23.539	0.039	0.09297937	8	509.935	603.599	502.723	667.785	555.711	641.401	538.752	56.275	621.632	58.594	0.206	0.15255521
IPI:IPI00427586.4	354.260	16.430	-0.034	0.50670507	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00429191.3	1,792.480	28.648	0.149	0.00517195	18	1,188.010	1,198.560	1,147.200	949.362	891.348	949.979	1,177.923	27.125	930.230	33.674	-0.341	0.00072420
IPI:IPI00429633.6	0.000	0.000	n/a	n/a	2	71.942	77.906	63.222	81.115	79.422	77.406	71.024	7.385	79.314	1.857	0.159	0.18618604
IPI:IPI00429689.3	101.964	10.770	0.076	0.51279862	3	76.927	65.964	79.249	69.734	76.324	70.581	74.047	7.095	72.213	3.585	-0.036	0.71865257
IPI:IPI00430291.6	465.704	26.590	0.179	0.05951923	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00430411.1	70.062	2.151	-0.320	0.00118267	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00430472.2	566.013	30.284	0.015	0.77161338	4	210.189	244.771	213.523	293.644	246.492	285.254	222.828	19.076	275.130	25.154	0.304	0.04949436
IPI:IPI00430622.1	1,007.550	59.743	0.343	0.00982354	8	354.073	333.472	341.106	303.168	327.634	320.076	342.884	10.415	316.959	12.527	-0.113	0.05295845
IPI:IPI00430803.3	273.613	6.947	0.162	0.00602979	9	565.115	709.517	544.242	541.942	372.149	510.337	606.291	90.003	474.809	90.300	-0.353	0.14867046
IPI:IPI00430812.6	230.896	17.265	-0.604	0.00140041	16	703.810	692.326	655.176	1,316.310	1,272.400	1,322.960	683.771	25.421	1,303.890	27.473	0.931	0.00000948
IPI:IPI00431025.1	61.022	5.617	-0.302	0.17421949	8	224.289	244.116	229.488	291.520	285.996	285.385	232.631	10.280	287.634	3.380	0.306	0.00672613
IPI:IPI00431127.3	138.214	6.922	0.068	0.31059079	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00431405.2	C5orf33	Isoform 2 of UPF0465 protein C5orf33	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00431749.2	KRT80	Isoform 2 of Keratin, type II cytoskeletal 80	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00432008.2	ATXN1	Ataxin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00432065.1	C11orf83	Uncharacterized protein C11orf83	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00432337.3	C2orf30	Isoform 2 of XTP3-transactivated gene B protein	3	64.935	52.703	63.132	63.710	70.847	60.253	60.257	6.603
IPI:IPI00432462.2	TRIM59	Tripartite motif-containing protein 59	1	46.453	47.631	41.962	52.211	37.856	51.605	45.348	2.992
IPI:IPI00432751.1	ATG16L1	Isoform 3 of Autophagy-related protein 16-1	5	124.687	110.010	116.365	142.117	153.800	145.187	117.021	7.360
IPI:IPI00433279.3	SLFN5	Isoform 1 of Schlafen family member 5	7	359.354	344.278	359.846	502.459	576.871	516.631	354.493	8.850
IPI:IPI00433284.3	GLCE	D-glucuronyl C5-epimerase	1	42.429	37.769	47.520	45.611	51.326	47.292	42.573	4.877
IPI:IPI00433499.6	RHBDF2	Isoform 1 of Rhomboid family member 2	2	215.352	195.230	248.745	193.951	203.674	196.002	219.776	27.030
IPI:IPI00434389.2	ASCC1	Isoform 1 of Activating signal cointegrator 1 complex subunit 1	1	49.734	44.997	51.001	34.264	36.679	33.508	48.577	3.165
IPI:IPI00434466.3	SLC15A4	Putative uncharacterized protein SLC15A4	2	252.523	238.450	258.348	271.482	311.433	271.377	249.774	10.230
IPI:IPI00434580.6	MYOM1	Isoform 1 of Myomesin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00434623.1	MBD2	Isoform 1 of Methyl-CpG-binding domain protein 2	1	91.923	96.163	102.800	100.456	92.862	99.337	96.962	5.482
IPI:IPI00436705.7	MORC3	MORC family CW-type zinc finger protein 3	1	43.664	51.443	43.854	31.760	32.000	33.041	46.320	4.438
IPI:IPI00438170.3	SNX12	Isoform 1 of Sorting nexin-12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00438229.2	TRIM28	Isoform 1 of Transcription intermediary factor 1-beta	7	285.876	274.740	292.537	275.992	316.981	292.980	284.384	8.992
IPI:IPI00438286.3	ERBB2IP	ERBB2IP protein	12	679.399	740.006	701.258	681.747	640.518	697.917	706.888	30.693
IPI:IPI00438701.1	MBD1	Isoform 1 of Methyl-CpG-binding domain protein 1	1	72.967	77.744	68.904	142.439	107.855	139.012	73.205	4.425
IPI:IPI00438923.3	CRYZL1	Quinone oxidoreductase-like protein 1	6	214.697	217.105	216.866	190.617	197.992	204.113	216.223	1.327
IPI:IPI00439194.1	MBD3	Isoform 1 of Methyl-CpG-binding domain protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00439446.2	MAN1A1	Mannosidase, alpha, class 1A, member 1, isoform CRA_a	2	198.464	207.641	188.256	190.292	173.896	189.156	198.120	9.697
IPI:IPI00439948.6	PPP1R13L	Isoform 1 of RelA-associated inhibitor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00440493.2	ATP5A1	ATP synthase subunit alpha, mitochondrial	23	1,447.240	1,491.460	1,421.240	1,594.020	1,568.270	1,649.640	1,453.313	35.502
IPI:IPI00440688.4	POLDIP3	cDNA FLJ54030, highly similar to Polymerase delta-interacting protein 3	4	175.600	201.548	176.160	151.910	133.306	144.079	184.436	14.822
IPI:IPI00440693.4	-	20 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00440727.1	BRD4	Isoform 1 of Bromodomain-containing protein 4	5	271.411	256.488	273.002	262.358	265.439	267.748	266.967	9.110
IPI:IPI00440828.1	FAHD1	Isoform 2 of Fumarylacetoacetate hydrolase domain-containing protein 1	2	94.626	95.063	98.198	114.388	95.175	112.380	95.962	1.949
IPI:IPI00440932.1	ADAM9	Isoform 1 of Disintegrin and metalloproteinase domain-containing protein 9	17	535.859	571.039	524.087	1,193.250	1,059.230	1,151.970	543.662	24.429
IPI:IPI00441199.1	C2CD2	C2CD2 protein	1	12.031	11.098	12.306	23.645	24.164	21.677	11.812	0.634
IPI:IPI00441344.2	GLB1	Isoform 1 of Beta-galactosidase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00441867.1	PEX19	Isoform 1 of Peroxisomal biogenesis factor 19	2	120.688	142.120	125.641	122.191	108.463	125.415	129.483	11.221
IPI:IPI00442073.5	CSRP1	Cysteine and glycine-rich protein 1	44	2,496.800	1,926.460	2,231.700	2,089.500	2,120.150	1,973.970	2,218.320	285.405
IPI:IPI00442121.4	ALAD	Delta-aminolevulinic acid dehydratase	2	83.103	65.627	75.886	54.958	62.325	55.580	74.872	8.782
IPI:IPI00442165.1	ZNF346	Isoform 2 of Zinc finger protein 346	1	8.358	10.678	12.984	12.628	11.467	8.260	10.673	2.313
IPI:IPI00442171.4	PREPL	Isoform 1 of Prolyl endopeptidase-like	5	363.496	341.395	366.354	336.656	356.732	345.199	357.082	13.660
IPI:IPI00442264.2	ZNF195	Isoform 7 of Zinc finger protein 195	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00442274.3	NFXL1	Isoform 1 of NF-X1-type zinc finger protein NFXL1	6	182.426	183.501	180.565	196.308	193.941	205.422	182.164	1.485
IPI:IPI00442344.4	SLC27A1	Long-chain fatty acid transport protein 1	3	49.694	52.224	49.077	56.507	57.278	54.110	50.332	1.667
IPI:IPI00442921.1	-	CDNA FLJ26213 fis, clone ADG07906	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00443799.2	SLC38A10	Isoform 1 of Putative sodium-coupled neutral amino acid transporter 10	2	141.477	131.278	141.601	171.845	193.711	173.706	138.119	5.925
IPI:IPI00443909.1	CNPY2	Isoform 1 of Protein canopy homolog 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00444138.3	AFAP1	cDNA FLJ46074 fis, clone TESTI2001915, highly similar to Homo sapiens actin filament associated protein	1	100.368	85.969	87.728	70.645	77.658	73.010	91.355	7.855
IPI:IPI00444371.3	WDR44	Isoform 1 of WD repeat-containing protein 44	12	752.485	752.373	762.276	849.658	812.329	886.295	755.711	5.685
IPI:IPI00444452.3	MOV10	Isoform 1 of Putative helicase MOV-10	2	102.927	97.816	101.014	97.149	86.769	93.998	100.586	2.582
IPI:IPI00444592.1	TRAK1	Isoform 1 of Trafficking kinesin-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00444788.1	PDXP	cDNA FLJ44925 fis, clone BRAMY3014613, highly similar to Homo sapiens SH3-domain binding protein 1	1	42.639	41.813	40.485	41.785	36.792	39.710	41.646	1.087
IPI:IPI00445212.2	WWC2	Isoform 5 of Protein WWC2	2	62.606	66.547	61.967	66.451	58.718	66.791	63.707	2.481
IPI:IPI00445977.4	LHFPL2	Lipoma HMGIC fusion partner-like 2 protein	1	28.735	28.754	22.193	46.530	44.371	41.519	26.561	3.782
IPI:IPI00446765.2	INTS4	Isoform 1 of Integrator complex subunit 4	1	49.594	57.997	54.844	55.068	52.080	65.886	54.145	4.245
IPI:IPI00446769.4	BDH2	Isoform 2 of 3-hydroxybutyrate dehydrogenase type 2	1	14.128	9.530	12.689	16.581	19.149	15.658	12.116	2.352

IPI:IPI00431405.2	0.000	0.000	n/a	n/a	1	19.411	17.810	18.708	19.302	23.659	21.839	18.643	0.803	21.600	2.188	0.212	0.13207781
IPI:IPI00431749.2	0.000	0.000	n/a	n/a	5	213.896	218.113	218.668	295.259	266.074	314.492	216.892	2.610	291.942	24.379	0.429	0.03221226
IPI:IPI00432008.2	0.000	0.000	n/a	n/a	1	61.726	67.341	63.111	83.870	78.394	83.436	64.059	2.925	81.900	3.044	0.354	0.00188310
IPI:IPI00432065.1	0.000	0.000	n/a	n/a	3	38.083	34.642	39.464	41.840	43.549	44.767	37.396	2.483	43.385	1.470	0.214	0.03241528
IPI:IPI00432337.3	64.936	5.402	0.108	0.39872484	2	24.612	26.758	27.571	27.795	39.635	31.906	26.314	1.529	33.112	6.012	0.332	0.18390856
IPI:IPI00432462.2	47.224	8.119	0.058	0.73839192	2	136.202	170.515	147.058	130.701	135.297	141.349	151.258	17.538	135.782	5.341	-0.156	0.26274664
IPI:IPI00432751.1	147.035	6.057	0.329	0.00612687	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00433279.3	531.987	39.511	0.586	0.01285477	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00433284.3	48.076	2.937	0.175	0.18491198	2	95.486	96.206	96.655	89.435	85.953	92.416	96.116	0.590	89.268	3.235	-0.107	0.06273204
IPI:IPI00433499.6	197.876	5.125	-0.151	0.29470347	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00434389.2	34.817	1.656	-0.480	0.00674452	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00434466.3	284.764	23.096	0.189	0.10374299	1	72.667	93.572	70.121	118.081	104.009	115.508	78.787	12.868	112.533	7.493	0.514	0.02605137
IPI:IPI00434580.6	0.000	0.000	n/a	n/a	1	52.200	63.023	55.094	37.039	23.558	38.144	56.773	5.603	32.914	8.121	-0.787	0.01768950
IPI:IPI00434623.1	97.552	4.100	0.009	0.89060099	1	38.360	35.360	42.402	26.180	24.795	24.565	38.707	3.533	25.180	0.874	-0.620	0.01736571
IPI:IPI00436705.7	32.267	0.681	-0.522	0.02931779	3	88.023	88.267	85.859	113.937	108.964	100.901	87.383	1.325	107.934	6.579	0.305	0.02858152
IPI:IPI00438170.3	0.000	0.000	n/a	n/a	3	40.030	40.015	38.673	70.310	60.178	64.432	39.573	0.779	64.973	5.087	0.715	0.01169553
IPI:IPI00438229.2	295.318	20.594	0.054	0.46716415	51	1,323.760	1,280.710	1,345.790	1,510.160	1,598.830	1,501.770	1,316.753	33.101	1,536.920	53.779	0.223	0.00673671
IPI:IPI00438286.3	673.394	29.597	-0.070	0.24549879	14	513.673	490.332	508.002	562.583	583.387	551.458	504.002	12.174	565.809	16.207	0.167	0.00757564
IPI:IPI00438701.1	129.769	19.055	0.826	0.03042512	6	214.592	229.484	208.336	355.777	318.724	352.979	217.471	10.864	342.493	20.632	0.655	0.00254162
IPI:IPI00438923.3	197.574	6.758	-0.130	0.03688662	1	30.663	25.035	29.994	18.174	22.152	20.949	28.564	3.075	20.425	2.040	-0.484	0.02431756
IPI:IPI00439194.1	0.000	0.000	n/a	n/a	2	107.522	121.636	113.083	73.483	65.751	78.934	114.080	7.110	72.723	6.624	-0.650	0.00184303
IPI:IPI00439446.2	184.448	9.156	-0.103	0.15082392	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00439948.6	0.000	0.000	n/a	n/a	3	151.631	164.374	154.622	155.635	148.285	151.430	156.876	6.664	151.783	3.688	-0.048	0.32881599
IPI:IPI00440493.2	1,603.977	41.589	0.142	0.00940465	46	2,155.280	2,097.380	2,133.060	1,965.030	1,974.110	1,982.210	2,128.573	29.210	1,973.783	8.595	-0.109	0.00757905
IPI:IPI00440688.4	143.098	9.341	-0.366	0.02118378	11	496.486	477.164	504.056	403.216	419.554	398.947	492.569	13.867	407.239	10.877	-0.274	0.00140588
IPI:IPI00440693.4	0.000	0.000	n/a	n/a	2	49.208	44.116	47.449	29.916	43.771	34.418	46.924	2.586	36.035	7.068	-0.381	0.10349899
IPI:IPI00440727.1	265.182	2.704	-0.010	0.77169998	5	254.708	233.899	267.194	203.186	219.634	210.186	251.934	16.820	211.002	8.254	-0.256	0.03415956
IPI:IPI00440828.1	107.314	10.561	0.161	0.20048363	3	138.948	128.651	129.393	140.611	146.706	128.924	132.331	5.743	138.747	9.036	0.068	0.36834543
IPI:IPI00440932.1	1,134.817	68.637	1.062	0.00194121	16	359.605	388.384	369.646	539.837	479.863	507.447	372.545	14.607	509.049	30.019	0.450	0.00649163
IPI:IPI00441199.1	23.162	1.312	0.972	0.00107529	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00441344.2	0.000	0.000	n/a	n/a	1	27.561	36.864	33.211	2.629	5.003	3.884	32.545	4.687	3.839	1.187	-3.084	0.00611843
IPI:IPI00441867.1	118.690	9.002	-0.126	0.26664558	9	417.585	435.677	428.735	331.217	330.522	328.012	427.332	9.127	329.917	1.686	-0.373	0.00222377
IPI:IPI00442073.5	2,061.207	77.088	-0.106	0.44391221	16	654.055	690.359	635.064	478.737	479.618	489.761	659.826	28.096	482.705	6.126	-0.451	0.00629596
IPI:IPI00442121.4	57.621	4.086	-0.378	0.05832578	1	43.683	45.806	47.097	9.739	10.914	9.913	45.528	1.724	10.189	0.634	-2.160	0.00020556
IPI:IPI00442165.1	10.785	2.263	0.015	0.95566012	2	51.302	47.047	48.953	41.683	47.774	40.211	49.101	2.131	43.223	4.010	-0.184	0.10969128
IPI:IPI00442171.4	346.196	10.075	-0.045	0.33400599	3	96.432	124.631	96.161	185.315	124.457	167.939	105.742	16.359	159.237	31.348	0.591	0.07867431
IPI:IPI00442264.2	0.000	0.000	n/a	n/a	1	3.033	4.433	4.449	4.677	10.056	4.885	3.972	0.813	6.539	3.047	0.719	0.28328725
IPI:IPI00442274.3	198.557	6.062	0.124	0.03640730	7	177.333	160.288	159.329	191.983	193.815	194.109	165.650	10.129	193.302	1.152	0.223	0.04058062
IPI:IPI00442344.4	55.965	1.652	0.153	0.01424325	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00442921.1	0.000	0.000	n/a	n/a	1	28.290	26.950	28.381	15.304	18.834	18.833	27.873	0.801	17.657	2.038	-0.659	0.00652133
IPI:IPI00443799.2	179.754	12.123	0.380	0.01392375	6	319.395	326.681	320.844	388.286	409.346	381.535	322.307	3.857	393.056	14.506	0.286	0.00986297
IPI:IPI00443909.1	0.000	0.000	n/a	n/a	8	335.326	407.842	345.492	396.136	379.401	384.898	362.887	39.263	386.812	8.530	0.092	0.40275609
IPI:IPI00444138.3	73.771	3.568	-0.308	0.04335731	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00444371.3	849.427	36.984	0.169	0.04535769	22	830.695	926.747	823.482	1,001.340	832.852	961.476	860.308	57.651	931.889	88.054	0.115	0.31405038
IPI:IPI00444452.3	92.639	5.322	-0.119	0.10587834	2	165.390	166.091	163.362	103.969	105.671	108.327	164.948	1.417	105.989	2.196	-0.638	0.00001196
IPI:IPI00444592.1	0.000	0.000	n/a	n/a	1	41.746	39.567	46.975	51.412	47.772	46.689	42.763	3.807	48.624	2.474	0.185	0.10029487
IPI:IPI00444788.1	39.429	2.508	-0.079	0.26341867	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00445212.2	63.987	4.566	0.006	0.93174833	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00445977.4	44.140	2.514	0.733	0.00419371	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00446765.2	57.678	7.264	0.091	0.51776490	2	75.735	68.878	79.313	88.760	95.930	99.429	74.642	5.303	94.706	5.439	0.343	0.01025778
IPI:IPI00446769.4	17.129	1.809	0.500	0.04656243	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00446798.1	MTCP1NB;MT	Protein p8 MTCP-1	1	72.602	83.640	64.804	70.406	54.232	58.145	73.682	9.464
IPI:IPI00448095.3	DCXR	L-xylulose reductase	2	165.262	158.180	161.845	181.872	192.674	184.873	161.762	3.542
IPI:IPI00448751.4	KIAA1598	Isoform 3 of Shootin-1	1	23.839	30.390	21.850	27.295	14.234	27.206	25.360	4.469
IPI:IPI00449049.5	PARP1	Poly [ADP-ribose] polymerase 1	25	1,788.380	1,826.640	1,816.710	1,667.330	1,617.940	1,655.070	1,810.577	19.854
IPI:IPI00449906.4	ARHGEF7	cDNA FLJ56152, highly similar to Rho guanine nucleotide exchange factor 7	10	612.196	614.300	603.359	644.895	634.769	671.044	609.952	5.806
IPI:IPI00449923.1	RAI1	Isoform 1 of Retinoic acid-induced protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00451429.1	NIF3L1	NIF3L1 isoform gamma	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00451941.6	TSEN34	cDNA FLJ54848, highly similar to tRNA-splicing endonuclease subunit Sen34	1	12.585	12.931	15.011	14.273	14.755	14.773	13.509	1.312
IPI:IPI00452246.1	KIF16B	Isoform 1 of Kinesin-like protein KIF16B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00452669.2	IP6K1	Inositol hexakisphosphate kinase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00452731.6	NDUFA7	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7	4	302.932	249.176	278.064	242.238	255.334	256.881	276.724	26.903
IPI:IPI00452747.6	LOC653566	Similar to Signal peptidase complex subunit 2	3	310.998	249.338	305.243	248.638	294.866	247.014	288.526	34.060
IPI:IPI00453458.3	NCOA7	Isoform 1 of Nuclear receptor coactivator 7	2	105.560	111.679	104.460	116.325	107.199	120.218	107.233	3.889
IPI:IPI00453473.6	HIST1H4J;H	Histone H4	42	3,091.030	3,246.330	3,163.540	2,296.180	2,137.390	2,328.210	3,166.967	77.707
IPI:IPI00453476.2	-	29 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00454738.4	ZNF285B;ZN	similar to Zinc finger protein 285A	1	93.272	91.271	93.576	134.376	142.166	137.623	92.707	1.252
IPI:IPI00455138.3	AFAP1L2	Isoform 2 of Actin filament-associated protein 1-like 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00455165.1	PANX1	Isoform 1 of Pannexin-1	2	127.283	128.451	141.901	166.205	167.538	171.566	132.545	8.124
IPI:IPI00455268.4	TRMT5	tRNA (guanine-N(1)-)-methyltransferase	1	104.476	89.918	109.849	84.265	115.569	95.777	101.414	10.312
IPI:IPI00455473.2	MIA3	Isoform 1 of Melanoma inhibitory activity protein 3	20	806.928	840.954	800.689	1,004.050	943.841	978.390	816.190	21.672
IPI:IPI00455518.5	MORC2	MORC family CW-type zinc finger protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00455599.4	HSP90AB2P	Similar to Heat shock protein HSP 90-beta	5	332.981	320.376	334.367	287.284	344.305	308.361	329.241	7.709
IPI:IPI00455733.4	NHSL1	NHS-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00455803.6	-	cDNA FLJ57020, highly similar to Rho-guanine nucleotide exchange factor	2	42.237	39.424	42.073	120.589	114.463	124.013	41.244	1.579
IPI:IPI00455835.1	PLEKHA2	Pleckstrin homology domain-containing family A member 2	3	78.281	65.037	72.363	75.655	76.524	80.180	71.894	6.635
IPI:IPI00455876.2	RING1	Isoform 2 of E3 ubiquitin-protein ligase RING1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00456048.4	COMMD2	COMM domain-containing protein 2	2	43.790	36.873	44.777	44.772	57.942	40.485	41.813	4.307
IPI:IPI00456359.1	ATXN2L	Isoform 1 of Ataxin-2-like protein	13	819.153	784.262	841.780	762.403	828.854	816.109	815.065	28.976
IPI:IPI00456429.3	UBA52	ubiquitin and ribosomal protein L40 precursor	2	148.624	126.400	144.747	129.340	157.523	134.819	139.924	11.871
IPI:IPI00456630.6	FNDC3A	fibronectin type III domain containing 3A isoform 2	5	244.613	241.666	236.236	250.004	238.127	257.245	240.838	4.249
IPI:IPI00456631.5	KDM1	Isoform 1 of Lysine-specific histone demethylase 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00456676.2	FBXO38	Isoform 1 of F-box only protein 38	1	32.475	33.891	29.764	32.446	27.305	33.662	32.043	2.097
IPI:IPI00456722.3	GARNL1	Isoform 2 of GTPase-activating Rap/Ran-GAP domain-like 1	1	45.521	37.775	44.315	116.813	144.525	128.701	42.537	4.168
IPI:IPI00456750.2	FAM129B	Niban-like protein 1	16	1,155.750	1,102.830	1,140.320	1,140.170	1,196.410	1,135.160	1,132.967	27.216
IPI:IPI00456758.4	RPL27A	60S ribosomal protein L27a	8	536.010	543.886	596.672	452.712	467.108	418.737	558.856	32.986
IPI:IPI00456853.3	FAM21C	Isoform 2 of Protein FAM21C	23	914.951	938.177	912.699	1,110.930	1,059.030	1,156.680	921.942	14.105
IPI:IPI00456887.2	HNRNPUL2	Heterogeneous nuclear ribonucleoprotein U-like protein 2	22	1,649.680	1,603.410	1,623.110	1,482.490	1,504.050	1,528.310	1,625.400	23.220
IPI:IPI00456940.5	RPL7L1	60S ribosomal protein L7-like 1	3	271.128	254.258	255.168	241.790	239.997	241.436	260.185	9.488
IPI:IPI00456965.5	COQ5	Isoform 1 of Ubiquinone biosynthesis methyltransferase COQ5, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00456969.1	DYNC1H1	Cytoplasmic dynein 1 heavy chain 1	115	6,553.800	6,491.050	6,406.040	6,925.340	6,942.680	6,924.900	6,483.630	74.159
IPI:IPI00457075.2	TSPAN11	Tetraspanin-11	1	26.851	26.524	28.213	41.550	53.654	43.742	27.196	0.895
IPI:IPI00457114.2	IQSEC1	Isoform 1 of IQ motif and SEC7 domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00457284.2	GPATCH8	G patch domain containing 8	1	83.346	78.809	83.904	77.428	76.829	75.114	82.020	2.795
IPI:IPI00464952.2	SFRS11	Splicing factor, arginine/serine-rich 11	3	354.168	363.456	365.622	369.260	346.037	335.616	361.082	6.085
IPI:IPI00464985.5	VPS8	Isoform 1 of Vacuolar protein sorting-associated protein 8 homolog	1	19.234	19.683	16.909	24.368	29.073	21.853	18.609	1.489
IPI:IPI00464988.2	TRIM58	Tripartite motif-containing protein 58	1	24.251	23.297	21.581	26.841	22.779	26.086	23.043	1.353
IPI:IPI00464993.4	AGPAT2	1-acylglycerol-3-phosphate O-acyltransferase 2	1	41.282	36.562	42.098	32.966	35.559	31.909	39.981	2.989
IPI:IPI00465022.9	SMCHD1	Isoform 2 of Structural maintenance of chromosomes flexible hinge domain-containing protein 1	12	574.327	544.445	579.000	514.178	579.308	549.108	565.924	18.748
IPI:IPI00465028.7	TPI1;RCTPI	triosephosphate isomerase 1 isoform 2	47	2,889.730	2,812.660	2,875.730	3,166.260	3,261.480	3,138.000	2,859.373	41.056
IPI:IPI00465033.2	ZNF277	Zinc finger protein 277	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465044.2	RCC2	Protein RCC2	4	215.071	189.055	219.303	184.453	223.658	195.014	207.810	16.379

IPI:IPI00446798.1	60.928	8.439	-0.274	0.15743305	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00448095.3	186.473	5.576	0.205	0.00511346	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00448751.4	22.911	7.515	-0.146	0.65866909	43	1,705.290	1,865.280	1,719.270	1,980.160	1,808.050	1,931.760	1,763.280	88.611	1,906.657	88.759	0.113	0.11886005
IPI:IPI00449049.5	1,646.780	25.717	-0.137	0.00125298	57	2,739.300	2,813.460	2,750.640	3,010.660	2,898.210	2,973.540	2,767.800	39.947	2,960.803	57.297	0.097	0.01152895
IPI:IPI00449906.4	650.236	18.718	0.092	0.05448240	7	316.690	377.186	310.433	423.870	332.063	406.189	334.770	36.867	387.374	48.710	0.211	0.21542346
IPI:IPI00449923.1	0.000	0.000	n/a	n/a	7	311.672	314.091	305.761	263.456	256.477	276.706	310.508	4.285	265.546	10.275	-0.226	0.00865356
IPI:IPI00451429.1	0.000	0.000	n/a	n/a	4	129.797	123.464	139.259	147.490	157.900	148.714	130.840	7.949	151.368	5.690	0.210	0.02610721
IPI:IPI00451941.6	14.600	0.284	0.112	0.28445362	2	88.242	79.832	88.243	99.710	108.691	96.821	85.439	4.856	101.741	6.190	0.252	0.02523235
IPI:IPI00452246.1	0.000	0.000	n/a	n/a	2	81.037	66.170	80.482	95.059	118.905	98.473	75.896	8.428	104.146	12.895	0.457	0.04163768
IPI:IPI00452669.2	0.000	0.000	n/a	n/a	1	55.214	50.424	58.104	54.872	62.818	56.782	54.581	3.879	58.158	4.148	0.092	0.33729603
IPI:IPI00452731.6	251.484	8.045	-0.138	0.24161588	5	368.381	411.856	365.397	191.811	189.865	194.469	381.878	26.005	192.048	2.311	-0.992	0.00589708
IPI:IPI00452747.6	263.506	27.171	-0.131	0.37890303	8	448.095	550.553	453.314	594.972	469.083	574.052	483.987	57.707	546.036	67.459	0.174	0.29431234
IPI:IPI00453458.3	114.581	6.682	0.096	0.19276786	8	385.519	365.037	380.988	369.671	400.165	368.531	377.181	10.759	379.456	17.944	0.009	0.86396153
IPI:IPI00453473.6	2,253.927	102.186	-0.491	0.00037714	6	1,027.770	985.672	1,040.100	319.757	338.828	361.397	1,017.847	28.539	339.994	20.844	-1.582	0.00001144
IPI:IPI00453476.2	0.000	0.000	n/a	n/a	63	2,141.240	2,002.560	2,164.050	2,131.590	2,409.160	2,183.670	2,102.617	87.399	2,241.473	147.537	0.092	0.24884506
IPI:IPI00454738.4	138.055	3.913	0.575	0.00110766	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00455138.3	0.000	0.000	n/a	n/a	1	32.561	25.996	29.780	23.435	27.778	27.355	29.446	3.295	26.189	2.395	-0.169	0.24525689
IPI:IPI00455165.1	168.436	2.791	0.346	0.01024941	2	34.324	31.938	28.343	56.269	50.393	65.210	31.535	3.011	57.291	7.461	0.861	0.01617257
IPI:IPI00455268.4	98.537	15.834	-0.042	0.80763740	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00455473.2	975.427	30.214	0.257	0.00258513	33	1,268.420	1,278.090	1,272.240	1,227.260	1,230.600	1,225.270	1,272.917	4.870	1,227.710	2.693	-0.052	0.00063438
IPI:IPI00455518.5	0.000	0.000	n/a	n/a	5	334.412	329.216	336.070	444.005	431.481	441.380	333.233	3.576	438.955	6.605	0.398	0.00012616
IPI:IPI00455599.4	313.317	28.832	-0.072	0.44277883	12	546.955	528.536	529.441	712.778	690.262	709.828	534.977	10.383	704.289	12.237	0.397	0.00006517
IPI:IPI00455733.4	0.000	0.000	n/a	n/a	2	22.266	28.865	26.063	22.883	26.663	23.589	25.732	3.312	24.378	2.010	-0.078	0.58476984
IPI:IPI00455803.6	119.688	4.838	1.537	0.00047424	1	11.776	9.317	11.342	16.880	18.804	14.916	10.812	1.312	16.867	1.944	0.642	0.01483904
IPI:IPI00455835.1	77.453	2.401	0.107	0.28171513	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00455876.2	0.000	0.000	n/a	n/a	4	177.771	164.916	184.197	198.320	224.047	206.990	175.628	9.818	209.786	13.089	0.256	0.02556849
IPI:IPI00456048.4	47.733	9.097	0.191	0.38692720	1	38.738	33.018	41.587	24.029	34.297	26.971	37.781	4.364	28.432	5.288	-0.410	0.08012031
IPI:IPI00456359.1	802.455	35.267	-0.022	0.65843748	24	1,086.800	1,009.780	1,108.950	1,125.950	1,231.970	1,169.920	1,068.510	52.053	1,175.947	53.266	0.138	0.06693685
IPI:IPI00456429.3	140.561	14.943	0.007	0.95692337	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00456630.6	248.459	9.652	0.045	0.30679619	6	214.306	187.826	222.397	227.029	261.011	233.692	208.176	18.082	240.577	18.007	0.209	0.09287208
IPI:IPI00456631.5	0.000	0.000	n/a	n/a	8	389.007	357.159	372.073	498.529	519.794	492.248	372.746	15.935	503.524	14.436	0.434	0.00048386
IPI:IPI00456676.2	31.138	3.374	-0.041	0.71692114	2	35.849	34.549	35.895	44.374	38.540	40.014	35.431	0.764	40.976	3.034	0.210	0.07936103
IPI:IPI00456722.3	130.013	13.903	1.612	0.00503104	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00456750.2	1,157.247	34.009	0.031	0.39157685	19	884.309	1,012.110	906.380	505.696	497.108	516.319	934.266	68.312	506.374	9.623	-0.884	0.00750385
IPI:IPI00456758.4	446.186	24.837	-0.325	0.01092391	9	279.027	301.942	270.865	502.304	433.337	487.908	283.945	16.112	474.516	36.382	0.741	0.00500884
IPI:IPI00456853.3	1,108.880	48.857	0.266	0.01607447	5	282.613	262.545	251.651	275.987	255.210	270.386	265.603	15.706	267.194	10.750	0.009	0.89385917
IPI:IPI00456887.2	1,504.950	22.923	-0.111	0.00309119	61	2,147.740	2,117.220	2,099.380	2,374.060	2,357.550	2,379.330	2,121.447	24.455	2,370.313	11.363	0.160	0.00074718
IPI:IPI00456940.5	241.074	0.950	-0.110	0.07188283	4	190.212	166.947	188.869	170.733	195.018	181.128	182.009	13.062	182.293	12.184	0.002	0.98110390
IPI:IPI00456965.5	0.000	0.000	n/a	n/a	3	135.867	116.724	137.538	101.724	114.236	108.341	130.043	11.565	108.100	6.259	-0.267	0.06111089
IPI:IPI00456969.1	6,930.973	10.141	0.096	0.00811830	124	5,859.670	5,815.390	5,803.570	4,406.270	4,578.180	4,514.660	5,826.210	29.574	4,499.703	86.925	-0.373	0.00051065
IPI:IPI00457075.2	46.316	6.449	0.768	0.03395109	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00457114.2	0.000	0.000	n/a	n/a	1	8.312	9.601	12.416	10.199	13.330	12.524	10.110	2.099	12.018	1.625	0.249	0.28521147
IPI:IPI00457284.2	76.457	1.201	-0.101	0.05802160	6	292.047	278.639	297.984	246.513	256.870	246.096	289.557	9.910	249.826	6.104	-0.213	0.00718545
IPI:IPI00464952.2	350.304	17.223	-0.044	0.39596746	7	213.284	248.538	202.930	236.818	216.268	235.312	221.584	23.910	229.466	11.455	0.050	0.64437020
IPI:IPI00464985.5	25.098	3.665	0.432	0.07609679	2	111.592	114.182	115.567	134.959	154.554	134.485	113.780	2.018	141.333	11.452	0.313	0.04926642
IPI:IPI00464988.2	25.235	2.160	0.131	0.22375362	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00464993.4	33.478	1.878	-0.256	0.04249900	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465022.9	547.531	32.594	-0.048	0.45625997	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465028.7	3,188.580	64.695	0.157	0.00329220	44	1,614.300	1,653.310	1,624.980	1,999.990	1,926.520	1,978.810	1,630.863	20.159	1,968.440	37.817	0.271	0.00078150
IPI:IPI00465033.2	0.000	0.000	n/a	n/a	1	49.723	53.819	53.045	67.633	63.388	69.647	52.195	2.176	66.889	3.195	0.358	0.00424473
IPI:IPI00465044.2	201.042	20.286	-0.048	0.67807524	14	709.225	696.594	696.439	781.300	782.250	763.892	700.753	7.338	775.814	10.336	0.147	0.00085089

IPI:IPI00465045.2	DIP2B	Isoform 1 of Disco-interacting protein 2 homolog B	5	240.876	244.795	246.751	262.907	276.562	272.693	244.141	2.992
IPI:IPI00465048.7	RUFY2	RUN and FYVE domain-containing 2 isoform a	2	83.421	100.140	88.791	111.802	85.260	109.437	90.784	8.536
IPI:IPI00465050.2	LLGL2	Isoform C of Lethal(2) giant larvae protein homolog 2	1	51.956	55.277	51.813	41.013	35.550	38.380	53.015	1.960
IPI:IPI00465054.2	THUMPD1	Putative uncharacterized protein DKFZp686C1054	11	674.741	635.432	680.704	700.120	787.857	728.748	663.626	24.598
IPI:IPI00465059.4	RHOT2	Isoform 1 of Mitochondrial Rho GTPase 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465061.4	KIAA1310	Isoform 3 of Uncharacterized protein KIAA1310	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465071.4	TBC1D10B	Isoform 1 of TBC1 domain family member 10B	4	301.040	290.104	318.226	323.238	342.694	327.983	303.123	14.176
IPI:IPI00465084.6	DES	Desmin	5	191.355	248.454	186.893	199.120	219.833	98.044	208.901	34.327
IPI:IPI00465087.2	BAP1	Ubiquitin carboxyl-terminal hydrolase BAP1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465113.2	EXD2	cDNA FLJ58573, highly similar to Exonuclease 3'-5' domain-like-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465128.4	BAT3	Isoform 1 of Large proline-rich protein BAT3	3	199.918	174.977	194.548	197.860	229.957	208.455	189.814	13.127
IPI:IPI00465142.2	KIAA0528	Isoform 1 of Uncharacterized protein KIAA0528	1	7.181	11.605	13.012	9.326	8.230	5.998	10.599	3.043
IPI:IPI00465149.3	DPP9	Isoform 1 of Dipeptidyl peptidase 9	7	405.200	392.676	393.667	449.286	425.605	444.988	397.181	6.962
IPI:IPI00465152.2	SP1	Transcription factor Sp1	1	60.194	58.634	62.964	55.614	49.441	61.645	60.597	2.193
IPI:IPI00465154.4	C1orf71	Isoform 1 of Uncharacterized protein C1orf71	2	133.455	137.767	130.458	141.471	134.353	138.478	133.893	3.674
IPI:IPI00465160.4	ABCF3	Isoform 1 of ATP-binding cassette sub-family F member 3	3	176.296	176.025	173.993	193.300	185.646	196.579	175.438	1.259
IPI:IPI00465161.3	RPAIN	Isoform 1 of RPA-interacting protein	1	61.730	65.950	65.736	63.250	58.892	68.503	64.472	2.377
IPI:IPI00465168.4	TAOK2	Isoform 1 of Serine/threonine-protein kinase TAO2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465176.2	MRPL30;C2o	Isoform 2 of 39S ribosomal protein L30, mitochondrial	1	98.370	82.133	107.762	93.944	119.294	98.073	96.088	12.966
IPI:IPI00465189.2	C11orf57	Isoform 3 of Uncharacterized protein C11orf57	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465211.1	WDR92	HZGJ	2	100.118	88.314	98.125	86.059	100.217	89.759	95.519	6.319
IPI:IPI00465227.5	NCAPH2	46 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465233.1	EIF3L	Eukaryotic translation initiation factor 3, subunit E interacting protein	13	821.039	814.119	801.727	762.669	739.395	755.337	812.295	9.784
IPI:IPI00465248.5	ENO1	Isoform alpha-enolase of Alpha-enolase	142	8,183.390	8,296.510	8,477.420	8,182.640	8,106.490	8,002.230	8,319.107	148.312
IPI:IPI00465253.4	HAUS6	Isoform 2 of Protein FAM29A	1	16.928	13.902	18.204	11.496	13.807	14.971	16.345	2.209
IPI:IPI00465256.4	AK3	GTP:AMP phosphotransferase mitochondrial	6	441.254	377.241	386.184	457.360	460.210	447.107	401.560	34.666
IPI:IPI00465261.2	ERAP2	Isoform 1 of Endoplasmic reticulum aminopeptidase 2	5	229.188	219.172	209.810	246.943	240.299	250.994	219.390	9.691
IPI:IPI00465273.1	UHRF1BP1	UHRF1-binding protein 1	1	8.799	9.824	9.507	9.346	10.312	11.291	9.377	0.525
IPI:IPI00465275.2	RANBP9	Isoform 1 of Ran-binding protein 9	1	17.869	20.222	17.861	18.523	20.728	18.578	18.650	1.361
IPI:IPI00465294.2	CDC5L	Cell division cycle 5-like protein	10	377.485	343.763	377.698	344.437	365.415	365.876	366.315	19.531
IPI:IPI00465296.2	XPO6	Exportin-6	1	12.288	12.840	10.953	11.221	13.395	9.550	12.027	0.970
IPI:IPI00465308.3	PIGS	Isoform 1 of GPI transamidase component PIG-S	3	127.157	122.218	131.618	150.000	112.126	123.096	126.998	4.702
IPI:IPI00465310.2	SLC30A5	Isoform 1 of Zinc transporter 5	1	46.500	44.654	43.433	54.842	51.926	56.111	44.862	1.544
IPI:IPI00465315.6	CYCS	Cytochrome c	12	873.689	885.884	870.767	699.797	688.773	709.442	876.780	8.019
IPI:IPI00465361.4	RPL13	60S ribosomal protein L13	13	1,301.190	1,223.660	1,234.870	967.858	998.712	996.311	1,253.240	41.902
IPI:IPI00465368.4	CENPT	Isoform 1 of Centromere protein T	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465370.2	RNF219	RING finger protein 219	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465373.2	CCBL2	Isoform 1 of Kynurenine--oxoglutarate transaminase 3	4	173.667	171.394	177.936	189.985	210.040	198.716	174.332	3.321
IPI:IPI00465387.2	CDCA2	Isoform 1 of Cell division cycle-associated protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465410.5	C12orf73	Uncharacterized protein C12orf73	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465428.2	VPS13C	Isoform 1 of Vacuolar protein sorting-associated protein 13C	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00465429.3	RUFY1	Isoform 2 of RUN and FYVE domain-containing protein 1	5	257.899	238.165	254.956	253.893	278.480	276.202	250.340	10.646
IPI:IPI00465431.8	LGALS3	Galectin-3	8	405.802	405.840	408.373	405.820	399.052	417.607	406.672	1.474
IPI:IPI00465436.4	CAT	Catalase	2	204.814	182.511	203.810	181.974	214.653	183.854	197.045	12.597
IPI:IPI00465439.5	ALDOA	Fructose-bisphosphate aldolase A	53	3,242.700	3,443.680	3,249.650	3,298.370	3,037.820	3,175.040	3,312.010	114.083
IPI:IPI00470360.1	KIRREL	Isoform 1 of Kin of IRRE-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470361.1	KIRREL	Isoform 2 of Kin of IRRE-like protein 1	1	24.579	27.475	19.028	41.792	30.647	41.602	23.694	4.292
IPI:IPI00470401.3	TMEM68	Isoform 1 of Transmembrane protein 68	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470407.3	NARG2	Isoform 1 of NMDA receptor-regulated protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470446.2	ATG16L1	Isoform 1 of Autophagy-related protein 16-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470455.1	APBB2	Isoform 1 of Amyloid beta A4 precursor protein-binding family B member 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470467.5	POR	NADPH--cytochrome P450 reductase	8	492.929	486.242	474.874	624.244	610.103	622.140	484.682	9.128

IPI:IPI00465045.2	270.721	7.038	0.149	0.01233916	3	172.217	152.082	174.964	189.842	211.160	193.493	166.421	12.494	198.165	11.401	0.252	0.03181106
IPI:IPI00465048.7	102.166	14.689	0.170	0.32496408	3	282.534	250.459	286.211	252.205	322.543	272.623	273.068	19.666	282.457	36.185	0.049	0.72021751
IPI:IPI00465050.2	38.314	2.732	-0.469	0.00240201	2	126.177	133.728	129.717	115.030	113.203	117.907	129.874	3.778	115.380	2.371	-0.171	0.00812559
IPI:IPI00465054.2	738.908	44.742	0.155	0.08085023	6	233.582	227.860	243.714	164.810	180.621	175.945	235.052	8.029	173.792	8.122	-0.436	0.00074770
IPI:IPI00465059.4	0.000	0.000	n/a	n/a	11	318.945	374.988	334.551	410.665	369.892	397.733	342.828	28.924	392.763	20.836	0.196	0.07867721
IPI:IPI00465061.4	0.000	0.000	n/a	n/a	2	86.337	69.665	83.797	100.593	117.156	101.418	79.933	8.983	106.389	9.334	0.412	0.02427495
IPI:IPI00465071.4	331.305	10.144	0.128	0.05484841	1	98.234	81.671	93.597	115.753	119.967	124.877	91.167	8.545	120.199	4.566	0.399	0.01328603
IPI:IPI00465084.6	172.332	65.164	-0.278	0.45249997	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465087.2	0.000	0.000	n/a	n/a	2	119.251	97.831	126.131	145.566	164.480	132.778	114.404	14.759	147.608	15.949	0.368	0.05797419
IPI:IPI00465113.2	0.000	0.000	n/a	n/a	1	20.888	20.508	26.596	18.312	22.962	18.946	22.664	3.410	20.073	2.522	-0.175	0.35657833
IPI:IPI00465128.4	212.091	16.354	0.160	0.14300128	6	200.339	197.657	193.767	172.113	177.978	182.329	197.254	3.304	177.473	5.127	-0.152	0.00780074
IPI:IPI00465142.2	7.851	1.696	-0.433	0.26183823	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465149.3	439.960	12.616	0.148	0.01301668	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465152.2	55.567	6.102	-0.125	0.28808859	1	64.793	55.972	60.274	53.425	71.992	57.821	60.347	4.411	61.080	9.703	0.017	0.91443968
IPI:IPI00465154.4	138.101	3.574	0.045	0.22828767	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465160.4	191.842	5.610	0.129	0.03179964	5	283.045	276.365	288.111	349.394	349.779	348.857	282.507	5.891	349.343	0.463	0.306	0.00245928
IPI:IPI00465161.3	63.548	4.813	-0.021	0.78564230	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465168.4	0.000	0.000	n/a	n/a	1	41.639	48.786	43.843	50.059	38.808	46.119	44.756	3.660	44.995	5.709	0.008	0.95622657
IPI:IPI00465176.2	103.770	13.601	0.111	0.51844431	3	364.570	305.858	329.912	404.818	446.794	427.561	333.447	29.515	426.391	21.012	0.355	0.01419690
IPI:IPI00465189.2	0.000	0.000	n/a	n/a	1	49.033	46.640	41.673	16.562	17.205	20.494	45.782	3.754	18.087	2.109	-1.340	0.00124584
IPI:IPI00465211.1	92.012	7.343	-0.054	0.56550818	8	213.561	233.220	221.589	198.379	159.817	185.497	222.790	9.884	181.231	19.632	-0.298	0.04773020
IPI:IPI00465227.5	0.000	0.000	n/a	n/a	4	101.288	87.283	100.510	99.982	98.239	105.966	96.360	7.871	101.396	4.053	0.073	0.39870152
IPI:IPI00465233.1	752.467	11.899	-0.110	0.00290328	21	1,107.560	1,179.000	1,111.120	1,052.010	941.540	1,059.180	1,132.560	40.258	1,017.577	65.947	-0.154	0.07429067
IPI:IPI00465248.5	8,097.120	90.569	-0.039	0.10564066	323	10,164.200	10,083.100	10,165.100	11,713.200	11,884.800	11,655.500	10,137.467	47.085	11,751.167	119.272	0.213	0.00050514
IPI:IPI00465253.4	13.424	1.769	-0.284	0.15203648	1	45.384	39.684	43.348	42.051	50.702	42.432	42.805	2.889	45.062	4.888	0.074	0.53893872
IPI:IPI00465256.4	454.892	6.891	0.180	0.11193010	8	386.212	368.409	382.152	317.025	347.856	325.048	378.924	9.330	329.976	15.995	-0.200	0.01683130
IPI:IPI00465261.2	246.079	5.400	0.166	0.02322441	4	262.008	257.262	280.579	144.913	175.576	152.661	266.616	12.323	157.717	15.944	-0.757	0.00097695
IPI:IPI00465273.1	10.316	0.972	0.138	0.23580499	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465275.2	19.276	1.258	0.048	0.59007490	2	71.744	87.861	89.277	91.719	113.083	93.903	82.961	9.740	99.568	11.755	0.263	0.13526951
IPI:IPI00465294.2	358.576	12.247	-0.031	0.59784837	40	1,277.070	1,327.930	1,309.310	1,435.950	1,407.590	1,408.700	1,304.770	25.732	1,417.413	16.063	0.119	0.00539155
IPI:IPI00465296.2	11.389	1.928	-0.079	0.64445399	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00465308.3	128.407	19.488	0.016	0.91352580	2	113.969	121.910	114.151	140.107	77.017	122.441	116.677	4.533	113.188	32.547	-0.044	0.87093075
IPI:IPI00465310.2	54.293	2.146	0.275	0.00477062	2	83.543	87.401	78.727	70.388	59.675	70.652	83.224	4.346	66.905	6.263	-0.315	0.02536297
IPI:IPI00465315.6	699.337	10.342	-0.326	0.00003360	12	639.101	546.281	625.413	395.162	447.492	416.977	603.598	50.108	419.877	26.285	-0.524	0.01090997
IPI:IPI00465361.4	987.627	17.162	-0.344	0.00338829	11	208.035	234.211	223.593	371.049	331.005	350.106	221.946	13.165	350.720	20.029	0.660	0.00144613
IPI:IPI00465368.4	0.000	0.000	n/a	n/a	2	43.007	43.326	42.703	45.150	42.193	43.783	43.012	0.311	43.709	1.480	0.023	0.50374679
IPI:IPI00465370.2	0.000	0.000	n/a	n/a	1	36.424	34.467	37.899	33.835	34.406	37.710	36.263	1.722	35.317	2.092	-0.038	0.58079409
IPI:IPI00465373.2	199.580	10.055	0.195	0.03824790	6	201.455	186.865	215.274	158.255	184.598	165.292	201.198	14.206	169.382	13.639	-0.248	0.04902996
IPI:IPI00465387.2	0.000	0.000	n/a	n/a	1	5.107	6.779	5.508	10.507	6.954	10.736	5.798	0.873	9.399	2.121	0.697	0.08290379
IPI:IPI00465410.5	0.000	0.000	n/a	n/a	1	59.427	58.630	59.519	67.081	70.526	72.929	59.192	0.489	70.178	2.939	0.246	0.02067005
IPI:IPI00465428.2	0.000	0.000	n/a	n/a	12	298.477	306.472	306.447	366.672	386.754	379.112	303.799	4.609	377.513	10.136	0.313	0.00197053
IPI:IPI00465429.3	269.525	13.586	0.107	0.13066650	22	719.062	747.521	735.913	939.025	937.566	926.012	734.165	14.310	934.201	7.129	0.348	0.00024811
IPI:IPI00465431.8	407.493	9.390	0.003	0.89503700	7	436.907	450.269	455.096	127.111	126.667	131.144	447.424	9.422	128.307	2.467	-1.802	0.00012549
IPI:IPI00465436.4	193.494	18.349	-0.026	0.80116776	25	952.870	1,069.920	965.052	1,145.440	1,049.630	1,130.330	995.947	64.351	1,108.467	51.511	0.154	0.08045888
IPI:IPI00465439.5	3,170.410	130.337	-0.063	0.23102005	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00470360.1	0.000	0.000	n/a	n/a	1	52.147	57.589	53.434	80.835	73.489	75.198	54.390	2.844	76.507	3.844	0.492	0.00184750
IPI:IPI00470361.1	38.014	6.381	0.682	0.03891321	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00470401.3	0.000	0.000	n/a	n/a	1	25.137	26.273	25.459	18.510	21.686	20.799	25.623	0.585	20.332	1.639	-0.334	0.02079141
IPI:IPI00470407.3	0.000	0.000	n/a	n/a	4	184.255	235.402	184.545	339.586	226.791	324.436	201.401	29.446	296.938	61.219	0.560	0.09659381
IPI:IPI00470446.2	0.000	0.000	n/a	n/a	4	130.467	147.521	140.369	158.095	150.183	149.412	139.452	8.564	152.563	4.806	0.130	0.09979210
IPI:IPI00470455.1	0.000	0.000	n/a	n/a	1	23.387	24.194	23.928	32.633	32.359	37.726	23.836	0.411	34.239	3.023	0.522	0.02525074
IPI:IPI00470467.5	618.829	7.630	0.353	0.00005219	18	762.297	717.969	756.649	790.434	860.457	817.112	745.638	24.128	822.668	35.341	0.142	0.04217884

IPI:IPI00470490.2	NCOA1	Isoform 1 of Nuclear receptor coactivator 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470509.3	PCBP2	poly(rC) binding protein 2 isoform c	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470518.4	MAD1L1	Mitotic spindle assembly checkpoint protein MAD1	4	83.963	92.982	92.012	90.613	88.520	91.444	89.652	4.951
IPI:IPI00470528.5	RPL15	60S ribosomal protein L15	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470533.2	TMEM120A	Isoform 1 of Transmembrane protein 120A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470535.1	CACNA2D1	Dihydropyridine receptor alpha 2 subunit	9	483.075	481.294	458.978	471.765	474.934	483.322	474.449	13.428
IPI:IPI00470537.2	ARID2	Isoform 1 of AT-rich interactive domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470559.2	KANK2	Isoform 1 of KN motif and ankyrin repeat domain-containing protein 2	10	714.304	707.457	714.187	666.151	660.226	682.870	711.983	3.920
IPI:IPI00470582.2	C10orf118	Isoform 1 of Uncharacterized protein C10orf118	1	32.832	32.954	36.967	31.487	40.681	33.162	34.251	2.353
IPI:IPI00470594.1	C1orf144	Isoform 1 of UPF0485 protein C1orf144	1	21.888	21.872	25.743	20.942	25.235	22.902	23.167	2.230
IPI:IPI00470595.4	MUL1	Mitochondrial ubiquitin ligase activator of NFKB 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470596.3	ZNF638	Isoform 1 of Zinc finger protein 638	8	379.484	377.317	409.544	384.680	378.946	387.230	388.782	18.013
IPI:IPI00470604.2	RHBDF2	Isoform 2 of Rhomboid family member 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470606.3	TRMT11	Isoform 1 of tRNA guanosine-2'-O-methyltransferase TRM11 homolog	2	94.899	116.313	86.985	111.325	85.155	106.393	99.399	15.173
IPI:IPI00470610.4	PYCR2	Pyrroline-5-carboxylate reductase 2	9	402.109	403.248	421.722	409.426	409.154	396.600	409.026	11.010
IPI:IPI00470626.5	NTAN1	Protein N-terminal asparagine amidohydrolase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470631.2	COQ9	Isoform 1 of Ubiquinone biosynthesis protein COQ9, mitochondrial	1	39.164	43.865	39.784	54.008	45.902	54.962	40.937	2.554
IPI:IPI00470649.3	NCLN	Isoform 1 of Nicalin	1	33.675	33.430	35.119	35.648	45.085	37.121	34.075	0.912
IPI:IPI00470674.5	CYB5R1	NADH-cytochrome b5 reductase 1	4	169.792	201.982	164.392	202.408	187.137	200.355	178.722	20.324
IPI:IPI00470711.4	EFR3A	Isoform 1 of Protein EFR3 homolog A	3	211.467	233.768	227.488	234.344	210.458	219.093	224.241	11.500
IPI:IPI00470744.1	PARG	Isoform 2 of Poly(ADP-ribose) glycohydrolase	1	10.575	7.472	9.998	9.496	10.185	12.089	9.348	1.651
IPI:IPI00470771.4	SAMD4B	SAMD4B protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470779.2	TXLNA	Alpha-taxilin	15	764.934	768.695	765.282	686.981	665.817	692.920	766.304	2.078
IPI:IPI00470806.4	SLFN13	Isoform 1 of Schlafen family member 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470811.4	SNRK	Isoform 1 of SNF-related serine/threonine-protein kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470883.2	STAG2	stromal antigen 2 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470885.9	ARHGAP19	Isoform 2 of Rho GTPase-activating protein 19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00470891.2	CSDE1	Isoform Long of Cold shock domain-containing protein E1	21	1,273.150	1,282.700	1,261.490	1,156.850	1,123.630	1,181.490	1,272.447	10.622
IPI:IPI00470896.3	ZFYVE26	Isoform 2 of Zinc finger FYVE domain-containing protein 26	2	85.136	72.941	88.049	86.488	109.649	86.752	82.042	8.015
IPI:IPI00470924.2	TMTC3	Isoform 2 of Transmembrane and TPR repeat-containing protein 3	4	172.616	176.269	179.462	146.240	139.799	139.417	176.116	3.426
IPI:IPI00470941.1	BET1	Putative uncharacterized protein DKFZp781C0425	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00471951.1	HLA-C	HLA class I histocompatibility antigen, Cw-15 alpha chain	2	79.390	72.518	81.499	105.055	104.211	106.564	77.803	4.696
IPI:IPI00471955.1	HLA-B	HLA class I histocompatibility antigen, B-50 alpha chain	7	210.847	220.337	213.009	168.923	163.960	155.517	214.731	4.974
IPI:IPI00472058.1	NDUFB11	Neuronal protein	2	42.423	39.065	43.713	41.205	41.304	44.029	41.734	2.399
IPI:IPI00472164.2	WASF2	Wiskott-Aldrich syndrome protein family member 2	8	434.736	416.119	442.767	397.871	449.657	417.534	431.207	13.670
IPI:IPI00472583.2	TARBP2	Isoform 2 of RISC-loading complex subunit TARBP2	1	50.716	46.506	47.966	40.800	53.893	47.751	48.396	2.137
IPI:IPI00472754.2	KIAA0319L	Isoform 3 of Uncharacterized protein KIAA0319-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00472782.1	PHF14	PHD finger protein 14 isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00472794.6	FCHO2	Isoform 1 of FCH domain only protein 2	6	272.984	290.229	273.172	302.786	281.178	303.395	278.795	9.903
IPI:IPI00472882.1	HLA-A	HLA class I histocompatibility antigen, A-68 alpha chain	4	148.359	148.749	139.161	185.108	186.182	193.934	145.423	5.427
IPI:IPI00472977.2	USP37	Ubiquitin carboxyl-terminal hydrolase 37	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00473014.5	DSTN	Destrin	48	3,137.140	3,085.250	2,979.280	2,866.450	3,045.370	2,990.780	3,067.223	80.459
IPI:IPI00473031.6	ADH1B	Alcohol dehydrogenase 1B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477118.3	TMEM214	Transmembrane protein 214	9	567.097	536.844	573.903	508.265	561.351	527.064	559.281	19.727
IPI:IPI00477161.1	TRIM13	ret finger protein 2 isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477181.1	RNF220	Ring finger protein 220	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477231.3	MGEA5	Bifunctional protein NCOAT	13	726.701	733.906	697.681	956.888	991.643	1,004.980	719.429	19.176
IPI:IPI00477355.3	KIAA1279	KIF1-binding protein	5	456.993	491.898	460.862	558.816	524.648	556.446	469.918	19.134
IPI:IPI00477398.1	TRIM22	Isoform 2 of Tripartite motif-containing protein 22	1	53.238	57.547	58.263	78.952	69.164	79.634	56.349	2.719
IPI:IPI00477468.1	CTR9	RNA polymerase-associated protein CTR9 homolog	1	44.006	45.698	51.721	43.619	44.815	44.972	47.141	4.055
IPI:IPI00477477.4	CEP170	Isoform 2 of Centrosomal protein of 170 kDa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477505.3	ANKRD28	Isoform 1 of Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A	1	25.057	20.324	25.404	24.792	28.080	27.843	23.595	2.838

IPI:IPI00470490.2	0.000	0.000	n/a	n/a	1	39.193	33.764	35.313	43.819	43.144	40.399	36.090	2.796	42.454	1.811	0.234	0.03748644
IPI:IPI00470509.3	0.000	0.000	n/a	n/a	3	65.689	58.303	70.326	60.732	77.363	70.469	64.773	6.064	69.521	8.356	0.102	0.47587532
IPI:IPI00470518.4	90.192	1.507	0.009	0.87127297	16	469.045	504.207	479.652	664.522	611.787	626.533	484.301	18.036	634.281	27.208	0.389	0.00238991
IPI:IPI00470528.5	0.000	0.000	n/a	n/a	5	216.395	268.632	219.893	297.885	216.417	282.944	234.973	29.202	265.749	43.371	0.178	0.37519397
IPI:IPI00470533.2	0.000	0.000	n/a	n/a	2	196.395	182.071	202.969	151.351	175.533	157.453	193.812	10.686	161.446	12.576	-0.264	0.02847369
IPI:IPI00470535.1	476.674	5.972	0.007	0.81206420	1	37.503	31.331	36.212	26.466	30.994	27.848	35.016	3.256	28.436	2.321	-0.300	0.05228507
IPI:IPI00470537.2	0.000	0.000	n/a	n/a	4	151.350	141.005	160.523	177.847	198.604	177.780	150.959	9.765	184.744	12.003	0.291	0.02090231
IPI:IPI00470559.2	669.749	11.743	-0.088	0.01692704	4	107.949	94.368	107.063	66.158	71.073	65.996	103.127	7.598	67.742	2.886	-0.606	0.00816090
IPI:IPI00470582.2	35.110	4.897	0.036	0.80417285	2	53.266	60.680	52.942	65.224	58.849	67.225	55.629	4.377	63.766	4.375	0.197	0.08516077
IPI:IPI00470594.1	23.026	2.150	-0.009	0.94175023	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00470595.4	0.000	0.000	n/a	n/a	1	41.507	35.546	40.856	36.955	39.281	42.714	39.303	3.270	39.650	2.897	0.013	0.89892364
IPI:IPI00470596.3	383.619	4.243	-0.019	0.67261881	24	1,123.310	1,036.540	1,089.170	1,223.670	1,275.980	1,247.050	1,083.007	43.712	1,248.900	26.204	0.206	0.00871597
IPI:IPI00470604.2	0.000	0.000	n/a	n/a	1	66.342	92.738	75.851	38.931	45.496	41.515	78.310	13.369	41.981	3.307	-0.899	0.03586738
IPI:IPI00470606.3	100.958	13.906	0.022	0.90316542	3	223.880	209.638	230.716	251.147	255.493	248.386	221.411	10.754	251.675	3.583	0.185	0.02957535
IPI:IPI00470610.4	405.060	7.328	-0.014	0.63578423	11	353.617	407.186	385.079	374.815	338.410	364.572	381.961	26.920	359.266	18.774	-0.088	0.30478416
IPI:IPI00470626.5	0.000	0.000	n/a	n/a	1	39.598	41.256	41.881	67.057	73.003	68.302	40.912	1.180	69.454	3.136	0.764	0.00153353
IPI:IPI00470631.2	51.624	4.978	0.335	0.04580975	1	21.790	22.688	20.571	27.549	26.457	32.633	21.683	1.062	28.879	3.296	0.413	0.05222801
IPI:IPI00470649.3	39.285	5.077	0.205	0.21470538	1	70.395	73.754	75.326	56.773	57.318	61.403	73.159	2.519	58.498	2.530	-0.323	0.00206851
IPI:IPI00470674.5	196.633	8.288	0.138	0.26376287	7	505.945	504.103	500.407	324.064	349.151	357.403	503.485	2.820	343.539	17.363	-0.551	0.00321857
IPI:IPI00470711.4	221.298	12.095	-0.019	0.77678300	1	17.562	17.719	16.595	13.035	11.488	13.890	17.292	0.609	12.804	1.217	-0.433	0.01123434
IPI:IPI00470744.1	10.590	1.343	0.180	0.37168788	1	40.268	42.844	33.849	44.652	47.154	47.751	38.987	4.632	46.519	1.644	0.255	0.09324852
IPI:IPI00470771.4	0.000	0.000	n/a	n/a	14	338.576	363.925	327.404	437.834	404.236	425.421	343.302	18.713	422.497	16.989	0.299	0.00575681
IPI:IPI00470779.2	681.906	14.246	-0.168	0.00836173	17	654.697	691.366	664.152	576.889	563.837	578.880	670.072	19.038	573.202	8.171	-0.225	0.00563911
IPI:IPI00470806.4	0.000	0.000	n/a	n/a	1	79.145	74.297	78.025	105.639	104.484	106.170	77.156	2.538	105.431	0.862	0.450	0.00110240
IPI:IPI00470811.4	0.000	0.000	n/a	n/a	1	84.834	85.002	84.021	18.926	22.128	23.986	84.619	0.525	21.680	2.560	-1.965	0.00034841
IPI:IPI00470883.2	0.000	0.000	n/a	n/a	2	49.819	50.638	57.319	40.931	43.928	47.019	52.592	4.114	43.960	3.044	-0.259	0.04773455
IPI:IPI00470885.9	0.000	0.000	n/a	n/a	1	22.795	18.001	21.901	22.725	24.476	21.931	20.899	2.549	23.044	1.302	0.141	0.28616683
IPI:IPI00470891.2	1,153.990	29.036	-0.141	0.01166800	22	845.315	882.123	846.505	1,287.600	1,207.840	1,280.010	857.981	20.916	1,258.483	44.022	0.553	0.00096635
IPI:IPI00470896.3	94.296	13.296	0.201	0.25767334	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00470924.2	141.819	3.834	-0.312	0.00035165	3	96.660	102.587	105.677	94.341	91.429	88.135	101.641	4.582	91.301	3.105	-0.155	0.03839688
IPI:IPI00470941.1	0.000	0.000	n/a	n/a	1	55.994	75.006	62.555	56.068	46.332	56.976	64.518	9.657	53.125	5.901	-0.280	0.17122011
IPI:IPI00471951.1	105.277	1.192	0.436	0.00675518	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00471955.1	162.800	6.778	-0.399	0.00067652	2	32.849	31.649	37.211	18.875	18.007	18.589	33.903	2.927	18.490	0.442	-0.875	0.01048524
IPI:IPI00472058.1	42.179	1.602	0.015	0.80572698	14	374.737	372.229	376.197	397.774	392.373	397.292	374.388	2.007	395.813	2.989	0.080	0.00096819
IPI:IPI00472164.2	421.687	26.142	-0.032	0.61507832	8	273.457	236.045	267.784	330.514	367.230	332.635	259.095	20.163	343.460	20.613	0.407	0.00716744
IPI:IPI00472583.2	47.481	6.551	-0.028	0.83718807	1	38.219	39.400	38.292	50.202	43.113	46.728	38.637	0.662	46.681	3.545	0.273	0.05469156
IPI:IPI00472754.2	0.000	0.000	n/a	n/a	3	27.664	25.489	21.166	28.782	28.470	32.808	24.773	3.308	30.020	2.420	0.277	0.09752043
IPI:IPI00472782.1	0.000	0.000	n/a	n/a	6	140.678	135.846	148.293	172.262	197.909	176.022	141.606	6.275	182.064	13.850	0.363	0.02255919
IPI:IPI00472794.6	295.786	12.655	0.085	0.14511273	4	227.906	266.986	221.715	277.611	232.652	286.133	238.869	24.546	265.465	28.735	0.152	0.29215288
IPI:IPI00472882.1	188.408	4.816	0.374	0.00055187	3	173.991	189.616	180.349	205.414	183.096	201.524	181.319	7.858	196.678	11.922	0.117	0.14715199
IPI:IPI00472977.2	0.000	0.000	n/a	n/a	2	54.616	64.868	45.479	68.069	63.671	64.146	54.988	9.700	65.295	2.414	0.248	0.20199763
IPI:IPI00473014.5	2,967.533	91.697	-0.048	0.23159404	34	1,866.710	1,804.010	1,821.660	1,555.260	1,557.570	1,578.340	1,830.793	32.332	1,563.723	12.711	-0.227	0.00182532
IPI:IPI00473031.6	0.000	0.000	n/a	n/a	1	118.401	123.531	117.157	0.000	2.815	0.000	119.696	3.379	0.938	1.625	-6.995	0.00001957
IPI:IPI00477118.3	532.227	26.917	-0.072	0.23994235	4	133.986	128.130	135.106	139.668	154.190	139.016	132.407	3.746	144.291	8.579	0.124	0.12400159
IPI:IPI00477161.1	0.000	0.000	n/a	n/a	1	73.458	111.782	73.218	122.156	64.256	110.814	86.153	22.196	99.075	30.683	0.202	0.58960050
IPI:IPI00477181.1	0.000	0.000	n/a	n/a	2	91.501	91.239	89.712	109.868	97.054	95.982	90.817	0.966	100.968	7.726	0.153	0.14870623
IPI:IPI00477231.3	984.504	24.828	0.453	0.00018814	16	1,006.210	961.043	1,022.250	1,001.740	1,053.340	1,007.670	996.501	31.738	1,020.917	28.236	0.035	0.37698263
IPI:IPI00477355.3	546.637	19.080	0.218	0.00795854	5	194.937	204.257	198.048	222.960	238.919	233.682	199.081	4.745	231.854	8.135	0.220	0.00745544
IPI:IPI00477398.1	75.916	5.858	0.430	0.01568599	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00477468.1	44.469	0.740	-0.084	0.37196062	19	651.907	641.016	647.977	823.426	834.785	804.935	646.967	5.515	821.049	15.066	0.344	0.00088231
IPI:IPI00477477.4	0.000	0.000	n/a	n/a	25	806.672	773.522	798.616	788.976	834.499	794.568	792.937	17.289	806.014	24.826	0.024	0.50194267
IPI:IPI00477505.3	26.905	1.833	0.189	0.17705553	1	34.365	31.698	33.542	24.649	36.595	27.262	33.202	1.366	29.502	6.280	-0.170	0.41648199

IPI:IPI00477526.2	C7orf28B;C	Conserved hypothetical protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477535.6	ERCC5	Isoform 1 of DNA repair protein complementing XP-G cells	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477536.3	FLNB	Filamin B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477611.1	COL5A1	Collagen type V alpha 1	23	1,359.600	1,376.000	1,336.210	1,649.430	1,681.600	1,710.560	1,357.270	19.997
IPI:IPI00477619.2	C19orf2	Isoform 1 of Unconventional prefoldin RPB5 interactor	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477620.3	KIAA0802	Isoform 3 of Uncharacterized protein KIAA0802	2	195.508	198.627	207.794	124.814	141.883	134.992	200.643	6.386
IPI:IPI00477686.2	GTF2F2	General transcription factor IIF subunit 2	3	376.844	433.632	351.677	384.607	321.821	374.358	387.384	41.982
IPI:IPI00477759.1	INTS2	Integrator complex subunit 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477763.4	CDC42BPB	Serine/threonine-protein kinase MRCK beta	11	648.535	700.398	668.472	777.872	715.033	766.691	672.468	26.161
IPI:IPI00477825.3	MIER1	Isoform 1 of Mesoderm induction early response protein 1	2	50.580	50.357	51.434	57.870	55.632	55.987	50.790	0.568
IPI:IPI00477905.4	MGAT4B	Isoform 1 of Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase B	2	79.565	85.666	79.550	116.247	113.129	107.085	81.594	3.527
IPI:IPI00477949.1	ZMYM4	Isoform 1 of Zinc finger MYM-type protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477957.3	CLYBL	Isoform 1 of Citrate lyase subunit beta-like protein, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00477962.3	UAP1L1	Isoform 1 of UDP-N-acetylhexosamine pyrophosphorylase-like protein 1	4	256.740	244.004	229.412	488.585	489.083	492.959	243.385	13.675
IPI:IPI00477971.4	TBL3	Transducin beta-like protein 3	1	79.229	85.296	83.561	75.285	73.627	78.913	82.695	3.125
IPI:IPI00478003.1	A2M	Alpha-2-macroglobulin	19	655.621	583.057	536.780	3,069.400	2,885.590	2,997.950	591.819	59.903
IPI:IPI00478068.2	GSTCD	Isoform 1 of Glutathione S-transferase C-terminal domain-containing protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00478227.5	CLASP2	165 kDa protein	7	481.110	520.918	479.213	519.793	512.708	525.569	493.747	23.550
IPI:IPI00478230.2	RBBP5	cDNA FLJ59722, highly similar to Retinoblastoma-binding protein 5	1	3.810	2.234	4.700	4.171	3.984	3.664	3.581	1.249
IPI:IPI00478231.2	RHOA	Transforming protein RhoA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00478521.5	RILPL1	Isoform 1 of RILP-like protein 1	2	153.574	162.765	157.021	188.066	181.448	190.962	157.787	4.643
IPI:IPI00478586.3	VPS13A	Isoform 2 of Vacuolar protein sorting-associated protein 13A	3	105.167	98.808	96.829	103.113	108.880	93.043	100.268	4.357
IPI:IPI00478616.1	FAM111A	Protein FAM111A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00478657.4	GRSF1	Isoform 1 of G-rich sequence factor 1	5	174.612	172.662	182.456	156.450	161.235	155.497	176.577	5.184
IPI:IPI00478741.2	TDRD7	Tudor domain-containing protein 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00478758.2	C10orf119	Isoform 1 of UPF0557 protein C10orf119	1	99.100	86.111	106.278	77.108	87.027	78.729	97.163	10.222
IPI:IPI00478794.2	TACC2	Isoform 3 of Transforming acidic coiled-coil-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00478834.3	ARGLU1	Isoform 1 of Arginine and glutamate-rich protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00478860.4	MANEA	Glycoprotein endo-alpha-1,2-mannosidase	1	15.130	16.724	15.095	25.793	17.381	24.776	15.650	0.931
IPI:IPI00478861.3	ISYNA1	cDNA FLJ34860 fis, clone NT2NE2012790, highly similar to Homo sapiens myo-inositol 1-phosphate synthase A1 (ISYNA1), mRNA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00479058.2	RPS15	40S ribosomal protein S15	7	381.652	362.448	366.393	321.277	365.404	334.363	370.164	10.142
IPI:IPI00479125.3	SRGAP2	SLIT-ROBO Rho GTPase-activating protein 2	2	88.208	103.734	115.685	135.616	123.045	94.731	102.542	13.777
IPI:IPI00479143.2	PCNT	Pericentrin	1	43.638	31.222	39.486	23.572	30.725	29.081	38.115	6.321
IPI:IPI00479145.2	KRT19	Keratin, type I cytoskeletal 19	8	64.274	383.348	77.485	390.828	479.456	58.245	175.036	180.525
IPI:IPI00479185.1	TPM3	tropomyosin 3 isoform 4	1	116.722	102.619	110.193	91.188	96.130	93.201	109.845	7.058
IPI:IPI00479186.7	PKM2	Isoform M2 of Pyruvate kinase isozymes M1/M2	119	7,554.260	7,655.480	7,632.530	8,136.860	8,104.370	7,905.500	7,614.090	53.070
IPI:IPI00479217.1	HNRNPU	Isoform Short of Heterogeneous nuclear ribonucleoprotein U	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00479260.2	SMC1B	Isoform 1 of Structural maintenance of chromosomes protein 1B	1	89.989	71.757	90.235	69.917	81.577	68.571	83.994	10.598
IPI:IPI00479262.4	EIF4G1	Isoform B of Eukaryotic translation initiation factor 4 gamma 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00479385.4	ASMTL	Isoform 1 of N-acetylserotonin O-methyltransferase-like protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00479480.5	-	18 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00479523.4	TRIO	Isoform 2 of Triple functional domain protein	18	1,464.940	1,544.130	1,535.450	1,371.630	1,333.800	1,402.030	1,514.840	43.432
IPI:IPI00479545.9	KDM3A	Lysine-specific demethylase 3A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00479669.1	UHRF1BP1L	Isoform 1 of UHRF1-binding protein 1-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00479722.2	PSME1	Proteasome activator complex subunit 1	21	1,868.660	2,023.870	1,981.370	1,871.090	1,723.400	1,865.110	1,957.967	80.208
IPI:IPI00479760.7	AAK1	AP2-associated protein kinase 1	5	231.690	244.049	249.421	232.471	215.914	227.336	241.720	9.092
IPI:IPI00479786.5	KHSRP	KH-type splicing regulatory protein	10	652.078	651.935	647.674	559.335	554.252	574.461	650.562	2.502
IPI:IPI00479877.4	ALDH9A1	aldehyde dehydrogenase 9A1	12	569.094	569.229	540.064	637.134	618.823	644.140	559.462	16.800
IPI:IPI00479905.5	NDUFB10	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10	4	276.871	281.635	260.233	140.406	133.124	137.845	272.913	11.237
IPI:IPI00479912.3	PXK	Isoform 1 of PX domain-containing protein kinase-like protein	1	76.697	66.881	72.430	84.997	98.297	90.210	72.003	4.922

IPI:IPI00477526.2	0.000	0.000	n/a	n/a	2	91.245	101.025	95.475	96.270	102.010	100.176	95.915	4.905	99.485	2.932	0.053	0.35261853
IPI:IPI00477535.6	0.000	0.000	n/a	n/a	1	13.594	14.949	13.395	14.113	13.037	12.845	13.979	0.846	13.332	0.683	-0.068	0.36312283
IPI:IPI00477536.3	0.000	0.000	n/a	n/a	330	12,878.100	12,532.300	12,806.500	11,825.400	12,307.000	11,958.900	12,738.967	182.524	12,030.433	248.641	-0.083	0.01945267
IPI:IPI00477611.1	1,680.530	30.579	0.308	0.00027309	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00477619.2	0.000	0.000	n/a	n/a	10	352.998	372.488	372.919	459.899	421.053	450.111	366.135	11.379	443.688	20.204	0.277	0.00891118
IPI:IPI00477620.3	133.896	8.587	-0.584	0.00062936	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00477686.2	360.262	33.683	-0.105	0.43426214	11	433.828	479.193	435.943	812.875	668.674	791.682	449.655	25.603	757.744	77.861	0.753	0.01367659
IPI:IPI00477759.1	0.000	0.000	n/a	n/a	1	18.979	21.965	21.745	15.089	15.979	16.365	20.896	1.664	15.811	0.654	-0.402	0.02217669
IPI:IPI00477763.4	753.199	33.522	0.164	0.03296454	6	201.464	193.587	189.358	234.685	236.400	238.238	194.803	6.144	236.441	1.777	0.279	0.00437175
IPI:IPI00477825.3	56.497	1.203	0.154	0.00600083	10	153.931	151.853	154.132	185.200	192.662	192.708	153.305	1.262	190.190	4.322	0.311	0.00254226
IPI:IPI00477905.4	112.154	4.658	0.459	0.00113838	1	33.401	36.483	36.116	23.334	21.007	25.947	35.333	1.683	23.429	2.471	-0.593	0.00365057
IPI:IPI00477949.1	0.000	0.000	n/a	n/a	7	201.484	203.800	193.415	300.148	281.659	297.553	199.566	5.452	293.120	10.010	0.555	0.00064805
IPI:IPI00477957.3	0.000	0.000	n/a	n/a	2	109.208	107.850	109.969	108.089	112.962	118.643	109.009	1.073	113.231	5.282	0.055	0.29952506
IPI:IPI00477962.3	490.209	2.395	1.010	0.00075221	2	78.104	96.867	78.302	144.236	103.670	139.112	84.424	10.776	129.006	22.091	0.612	0.05408270
IPI:IPI00477971.4	75.941	2.703	-0.123	0.04844671	2	137.936	138.440	122.899	235.501	215.063	230.684	133.092	8.831	227.083	10.684	0.771	0.00036521
IPI:IPI00478003.1	2,984.313	92.661	2.334	0.00001412	2	341.504	296.999	313.010	95.163	89.621	96.973	317.171	22.542	93.919	3.830	-1.756	0.00271515
IPI:IPI00478068.2	0.000	0.000	n/a	n/a	1	16.747	15.188	15.426	21.387	21.125	19.156	15.787	0.840	20.556	1.220	0.381	0.00716774
IPI:IPI00478227.5	519.357	6.442	0.073	0.19431849	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00478230.2	3.940	0.256	0.138	0.67089261	7	300.242	301.077	268.165	302.914	272.015	295.514	289.828	18.765	290.148	16.133	0.002	0.98456934
IPI:IPI00478231.2	0.000	0.000	n/a	n/a	18	1,063.430	1,056.570	1,069.430	869.383	894.842	856.517	1,063.143	6.435	873.581	19.504	-0.283	0.00160383
IPI:IPI00478521.5	186.825	4.877	0.244	0.00174350	4	129.503	118.184	137.681	104.597	110.433	99.505	128.456	9.791	104.845	5.468	-0.293	0.03321063
IPI:IPI00478586.3	101.679	8.016	0.020	0.80575588	3	191.937	191.920	185.633	147.151	152.564	146.121	189.830	3.635	148.612	3.461	-0.353	0.00014632
IPI:IPI00478616.1	0.000	0.000	n/a	n/a	1	39.551	40.333	41.578	65.713	74.670	74.044	40.487	1.022	71.476	5.000	0.820	0.00673514
IPI:IPI00478657.4	157.727	3.075	-0.163	0.01001657	14	244.039	237.506	243.865	270.501	265.301	281.265	241.803	3.723	272.356	8.142	0.172	0.01170507
IPI:IPI00478741.2	0.000	0.000	n/a	n/a	1	26.615	30.838	28.322	18.273	20.023	21.805	28.591	2.124	20.034	1.766	-0.513	0.00638843
IPI:IPI00478758.2	80.955	5.321	-0.263	0.09260408	7	391.925	366.265	398.717	322.396	331.531	321.700	385.636	17.116	325.209	5.486	-0.246	0.01815418
IPI:IPI00478794.2	0.000	0.000	n/a	n/a	24	818.368	869.420	809.480	945.424	875.327	947.558	832.423	32.347	922.770	41.100	0.149	0.04315112
IPI:IPI00478834.3	0.000	0.000	n/a	n/a	5	188.462	177.842	183.272	200.314	210.900	204.539	183.192	5.310	205.251	5.329	0.164	0.00709023
IPI:IPI00478860.4	22.650	4.591	0.533	0.11332236	1	24.583	24.613	29.161	36.989	39.514	36.811	26.119	2.635	37.771	1.512	0.532	0.00574068
IPI:IPI00478861.3	0.000	0.000	n/a	n/a	5	155.186	147.497	160.961	199.130	210.577	193.758	154.548	6.755	201.155	8.590	0.380	0.00220988
IPI:IPI00479058.2	340.348	22.664	-0.121	0.13658373	10	470.955	470.599	484.053	516.591	543.783	533.841	475.202	7.667	531.405	13.759	0.161	0.00750914
IPI:IPI00479125.3	117.797	20.942	0.200	0.35997064	5	158.315	165.466	148.516	195.492	173.531	192.714	157.432	8.509	187.246	11.958	0.250	0.02893252
IPI:IPI00479143.2	27.793	3.747	-0.456	0.08645125	1	34.249	26.663	30.989	32.826	32.485	29.333	30.634	3.806	31.548	1.926	0.042	0.73749256
IPI:IPI00479145.2	309.510	222.068	0.822	0.46318999	89	2,772.260	2,720.310	2,768.770	3,576.830	3,723.950	3,563.760	2,753.780	29.038	3,621.513	88.953	0.395	0.00161436
IPI:IPI00479185.1	93.506	2.485	-0.232	0.04457959	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00479186.7	8,048.910	125.255	0.080	0.01537316	153	7,635.800	7,700.600	7,580.250	6,659.940	6,594.150	6,638.620	7,638.883	60.234	6,630.903	33.567	-0.204	0.00009944
IPI:IPI00479217.1	0.000	0.000	n/a	n/a	111	4,174.720	3,824.500	3,997.860	4,764.310	4,963.120	4,822.710	3,999.027	175.113	4,850.047	102.185	0.278	0.00421433
IPI:IPI00479260.2	73.355	7.152	-0.195	0.23253279	1	56.726	56.300	54.058	73.766	60.669	66.269	55.695	1.433	66.901	6.571	0.264	0.09193415
IPI:IPI00479262.4	0.000	0.000	n/a	n/a	57	3,062.570	2,947.630	3,061.990	3,200.960	3,305.280	3,203.040	3,024.063	66.194	3,236.427	59.638	0.098	0.01483748
IPI:IPI00479385.4	0.000	0.000	n/a	n/a	1	130.145	114.448	129.324	202.258	245.372	211.349	124.639	8.835	219.660	22.727	0.818	0.01039719
IPI:IPI00479480.5	0.000	0.000	n/a	n/a	1	107.632	124.500	117.832	13.646	18.200	16.447	116.655	8.495	16.098	2.297	-2.857	0.00130696
IPI:IPI00479523.4	1,369.153	34.182	-0.146	0.01167176	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00479545.9	0.000	0.000	n/a	n/a	6	209.642	204.909	212.109	237.612	242.781	230.310	208.887	3.659	236.901	6.266	0.182	0.00543235
IPI:IPI00479669.1	0.000	0.000	n/a	n/a	1	27.362	22.912	24.109	48.028	43.761	41.284	24.794	2.303	44.358	3.412	0.839	0.00204917
IPI:IPI00479722.2	1,819.867	83.596	-0.106	0.10800846	20	1,453.720	1,465.830	1,438.490	857.718	852.412	864.888	1,452.680	13.700	858.339	6.261	-0.759	0.00001353
IPI:IPI00479760.7	225.240	8.475	-0.102	0.08363475	9	284.982	287.138	295.491	344.739	328.412	326.758	289.204	5.551	333.303	9.938	0.205	0.00588106
IPI:IPI00479786.5	562.683	10.512	-0.209	0.00320894	30	1,075.820	1,067.760	1,085.210	991.237	1,010.970	1,002.980	1,076.263	8.733	1,001.729	9.926	-0.104	0.00067034
IPI:IPI00479877.4	633.366	13.072	0.179	0.00464196	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00479905.5	137.125	3.694	-0.993	0.00095546	8	231.002	212.187	249.497	267.453	303.575	264.075	230.895	18.655	278.368	21.895	0.270	0.04756313
IPI:IPI00479912.3	91.168	6.702	0.340	0.01933966	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00479962.4	MYO5B	Myosin-Vb	1	45.473	46.100	0.127	0.000	13.289	13.759	30.567	26.364
IPI:IPI00479997.4	STMN1	Stathmin	24	1,725.690	1,676.020	1,730.470	1,077.110	1,160.560	1,148.300	1,710.727	30.152
IPI:IPI00480049.2	OCRL	Isoform B of Inositol polyphosphate 5-phosphatase OCRL-1	2	107.845	131.200	107.870	139.780	103.690	119.520	115.638	13.477
IPI:IPI00513743.1	HSPH1	Isoform 3 of Heat shock protein 105 kDa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00513796.3	SHC1	SHC (Src homology 2 domain containing) transforming protein 1	3	74.661	61.364	68.996	72.033	75.576	74.636	68.340	6.673
IPI:IPI00513803.3	MAP3K2	Mitogen-activated protein kinase kinase kinase 2	3	88.077	83.242	94.526	101.468	116.003	108.502	88.615	5.661
IPI:IPI00513905.6	LPIN3	Lipin 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00513971.5	RPS27	40S ribosomal protein S27	8	578.351	612.843	586.719	477.041	464.930	471.356	592.638	17.992
IPI:IPI00514075.5	DIAPH2	Isoform 2 of Protein diaphanous homolog 2	3	72.042	71.961	75.531	82.330	83.976	84.419	73.178	2.038
IPI:IPI00514141.2	LARP4B	La ribonucleoprotein domain family, member 5	1	82.135	78.038	89.123	38.408	48.838	41.396	83.099	5.605
IPI:IPI00514173.1	PPIE	Cyclophilin-33B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00514201.3	MYH6	Myosin-6	3	62.796	91.705	32.283	73.563	420.937	67.863	62.261	29.715
IPI:IPI00514212.3	MOBKL1A	Mps one binder kinase activator-like 1A	5	468.582	619.482	459.212	595.029	462.234	571.797	515.759	89.949
IPI:IPI00514299.6	NEXN	Isoform 2 of Nexilin	2	211.374	202.624	221.906	212.197	222.302	228.560	211.968	9.655
IPI:IPI00514311.1	CTTNBP2NL	CTTNBP2 N-terminal-like protein	10	644.709	604.366	650.119	587.455	627.886	586.191	633.065	25.001
IPI:IPI00514468.1	MACF1	670 kDa protein	99	6,536.720	6,514.560	6,676.530	6,335.020	6,292.000	6,424.870	6,575.937	87.818
IPI:IPI00514506.3	MRPL24	39S ribosomal protein L24, mitochondrial	1	7.894	4.999	7.335	7.573	10.607	7.374	6.742	1.536
IPI:IPI00514622.2	RANBP6	Ran-binding protein 6	2	113.712	114.050	127.858	106.828	113.413	119.857	118.540	8.071
IPI:IPI00514694.1	GLT25D2	Glycosyltransferase 25 family member 2	2	100.891	80.120	97.576	94.914	122.682	101.888	92.863	11.159
IPI:IPI00514825.1	NOS1AP	Carboxyl-terminal PDZ ligand of neuronal nitric oxide synthase protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00514832.2	TRIM56	Isoform 1 of Tripartite motif-containing protein 56	1	42.927	42.085	43.299	49.813	57.434	45.772	42.770	0.622
IPI:IPI00514856.4	UBAP2L	Isoform 1 of Ubiquitin-associated protein 2-like	16	1,124.930	1,092.580	1,133.630	1,036.710	1,084.990	1,048.780	1,117.047	21.631
IPI:IPI00514858.1	CAP1	Adenylyl cyclase-associated protein	1	37.063	30.333	37.526	39.073	42.630	39.814	34.974	4.026
IPI:IPI00514893.3	DAAM2	Disheveled-associated activator of morphogenesis 2	5	233.941	246.907	243.012	334.529	389.235	306.677	241.287	6.653
IPI:IPI00514983.4	HSPH1	Heat shock 105kDa/110kDa protein 1, isoform CRA_b	31	1,772.050	1,801.700	1,827.550	1,702.580	1,650.290	1,727.330	1,800.433	27.772
IPI:IPI00515034.2	KIFAP3	Kinesin-associated protein 3, isoform CRA_c	1	89.475	83.344	85.753	79.948	89.784	79.209	86.191	3.089
IPI:IPI00549171.5	REPIN1	Replication initiator 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00549189.4	THOP1	Thimet oligopeptidase	5	205.487	180.346	183.522	202.564	245.533	220.905	189.785	13.691
IPI:IPI00549236.2	CCDC90B	Isoform 1 of Coiled-coil domain-containing protein 90B, mitochondrial	3	116.741	102.176	118.336	110.241	136.523	116.218	112.418	8.905
IPI:IPI00549343.3	VAMP3	Vesicle-associated membrane protein 3	4	178.012	175.943	167.292	179.684	167.807	178.690	173.749	5.687
IPI:IPI00549357.3	FOXRED1	Isoform 1 of FAD-dependent oxidoreductase domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00549381.5	MRPL1	39S ribosomal protein L1, mitochondrial	6	511.033	578.310	521.360	619.133	538.697	610.917	536.901	36.231
IPI:IPI00549384.2	BRD9	Isoform 5 of Bromodomain-containing protein 9	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00549389.3	METTL11A	Protein of unknown function DUF858, methyltransferase-like family protein	3	192.046	241.368	196.899	252.456	193.758	245.267	210.104	27.184
IPI:IPI00549467.3	NIT2	Nitrilase homolog 2	10	918.870	872.610	913.010	1,004.590	1,092.570	1,071.900	901.497	25.188
IPI:IPI00549516.3	TOE1	Target of EGR1 protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00549521.3	SLC44A2	Isoform 1 of Choline transporter-like protein 2	5	255.609	290.709	243.331	498.105	427.035	510.979	263.216	24.588
IPI:IPI00549540.3	PAK1IP1	p21-activated protein kinase-interacting protein 1	1	55.156	60.902	51.623	75.348	63.238	70.103	55.893	4.683
IPI:IPI00549543.1	NCDN	Isoform 1 of Neurochondrin	3	139.307	143.094	148.969	148.360	152.914	152.383	143.790	4.868
IPI:IPI00549566.4	RARS2	Probable arginyl-tRNA synthetase, mitochondrial	3	46.493	55.679	44.447	66.232	44.147	60.294	48.873	5.982
IPI:IPI00549664.4	TEX10	Testis-expressed sequence 10 protein	1	45.584	42.905	39.947	50.148	47.365	48.732	42.812	2.820
IPI:IPI00549666.1	GRPEL2	GrpE protein homolog 2, mitochondrial	1	26.248	31.476	23.265	27.487	25.648	30.166	26.996	4.156
IPI:IPI00549725.6	PGAM1	Phosphoglycerate mutase 1	16	1,134.660	1,067.580	1,106.820	1,052.990	1,078.060	1,064.220	1,103.020	33.701
IPI:IPI00549730.3	APIP	Isoform 1 of APAF1-interacting protein	4	200.812	175.714	203.434	165.503	202.877	173.777	193.320	15.304
IPI:IPI00549762.3	NHEJ1	Isoform 1 of Non-homologous end-joining factor 1	1	37.381	31.275	39.746	34.592	40.670	36.774	36.134	4.371
IPI:IPI00549789.4	TBC1D23	Isoform 2 of TBC1 domain family member 23	4	371.145	386.752	366.736	418.403	416.146	437.524	374.878	10.517
IPI:IPI00549861.4	XPO5	cDNA FLJ14239 fis, clone NT2RP5003512, highly similar to Exportin-5	1	18.181	20.548	18.415	22.055	17.747	20.658	19.048	1.304
IPI:IPI00549942.3	-	cDNA FLJ30306 fis, clone BRACE2003319	1	43.400	40.955	41.206	36.897	35.591	36.542	41.854	1.345
IPI:IPI00549970.1	GHITM	Growth hormone inducible transmembrane protein	1	111.178	98.947	118.044	105.580	121.937	110.601	109.390	9.673
IPI:IPI00549993.3	C10orf97	Isoform 1 of Protein CARP	1	43.929	46.008	40.168	35.393	36.842	39.163	43.368	2.960
IPI:IPI00550020.3	PTMS	Parathymosin	7	539.760	525.620	545.916	532.394	541.974	548.560	537.099	10.406
IPI:IPI00550021.4	RPL3	60S ribosomal protein L3	31	1,890.920	1,895.090	1,906.870	1,765.790	1,791.320	1,742.910	1,897.627	8.272
IPI:IPI00550026.1	GPBP1L1	Vasculin-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00479962.4	9.016	7.812	-1.761	0.29083179	1	4.124	6.105	3.146	2.346	1.845	2.086	4.459	1.508	2.092	0.251	-1.091	0.10917452
IPI:IPI00479997.4	1,128.657	45.060	-0.600	0.00012859	40	2,371.580	2,264.580	2,352.320	1,651.220	1,674.380	1,655.770	2,329.493	57.035	1,660.457	12.271	-0.488	0.00164830
IPI:IPI00480049.2	120.997	18.090	0.065	0.70382580	12	523.761	486.574	512.417	550.977	584.329	572.415	507.584	19.059	569.240	16.901	0.165	0.01424646
IPI:IPI00513743.1	0.000	0.000	n/a	n/a	54	2,561.860	2,380.550	2,553.990	2,932.630	3,158.860	2,975.100	2,498.800	102.483	3,022.197	120.244	0.274	0.00493349
IPI:IPI00513796.3	74.081	1.836	0.116	0.27195673	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00513803.3	108.658	7.269	0.294	0.02181702	1	21.254	20.859	24.779	21.613	21.327	22.421	22.297	2.158	21.787	0.567	-0.033	0.72951752
IPI:IPI00513905.6	0.000	0.000	n/a	n/a	1	56.186	62.196	61.856	66.965	68.262	67.663	60.079	3.376	67.630	0.649	0.171	0.05610730
IPI:IPI00513971.5	471.109	6.059	-0.331	0.00376500	7	399.051	393.118	395.855	351.525	393.744	350.954	396.008	2.969	365.408	24.542	-0.116	0.16176485
IPI:IPI00514075.5	83.575	1.101	0.192	0.00405629	7	298.591	337.582	287.578	486.015	395.749	476.477	307.917	26.274	452.747	49.592	0.556	0.02028595
IPI:IPI00514141.2	42.881	5.371	-0.954	0.00087370	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514173.1	0.000	0.000	n/a	n/a	1	14.149	15.869	16.719	6.764	5.523	5.423	15.579	1.309	5.904	0.747	-1.400	0.00119518
IPI:IPI00514201.3	187.454	202.222	1.590	0.39597970	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514212.3	543.020	70.920	0.074	0.70285236	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514299.6	221.020	8.257	0.060	0.28654493	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514311.1	600.511	23.716	-0.076	0.17804147	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514468.1	6,350.630	67.796	-0.050	0.02716060	6	367.042	390.926	402.773	432.756	449.616	436.168	386.914	18.200	439.513	8.914	0.184	0.02195948
IPI:IPI00514506.3	8.518	1.811	0.337	0.26685862	3	129.874	114.178	122.901	122.918	132.690	117.375	122.318	7.864	124.328	7.754	0.024	0.76894827
IPI:IPI00514622.2	113.366	6.515	-0.064	0.43837762	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514694.1	106.495	14.446	0.198	0.26994779	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514825.1	0.000	0.000	n/a	n/a	1	6.717	7.548	5.537	8.894	8.265	11.801	6.601	1.011	9.653	1.886	0.548	0.08847307
IPI:IPI00514832.2	51.006	5.922	0.254	0.13623273	1	10.512	11.703	12.036	11.790	13.769	12.118	11.417	0.801	12.559	1.061	0.138	0.21616200
IPI:IPI00514856.4	1,056.827	25.126	-0.080	0.03572694	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514858.1	40.506	1.877	0.212	0.12535706	1	43.045	41.283	38.914	0.000	2.379	0.000	41.081	2.073	0.793	1.374	-5.695	0.00003241
IPI:IPI00514893.3	343.480	42.001	0.509	0.04895229	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00514983.4	1,693.400	39.332	-0.088	0.02229430	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00515034.2	82.980	5.904	-0.055	0.46532028	1	59.261	57.640	59.483	44.624	53.720	45.848	58.795	1.006	48.064	4.936	-0.291	0.05861810
IPI:IPI00549171.5	0.000	0.000	n/a	n/a	1	11.650	15.628	16.487	26.428	23.803	31.205	14.588	2.580	27.145	3.753	0.896	0.01181816
IPI:IPI00549189.4	223.001	21.561	0.233	0.09961650	6	237.243	224.562	233.236	160.820	178.407	164.753	231.680	6.482	167.993	9.230	-0.464	0.00103243
IPI:IPI00549236.2	120.994	13.777	0.106	0.42488162	9	338.223	340.691	331.458	367.892	355.345	353.039	336.791	4.780	358.759	7.993	0.091	0.02247049
IPI:IPI00549343.3	175.394	6.589	0.014	0.76021028	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549357.3	0.000	0.000	n/a	n/a	1	48.589	46.671	46.099	55.562	62.347	65.454	47.120	1.305	61.121	5.059	0.375	0.03405049
IPI:IPI00549381.5	589.582	44.259	0.135	0.18869357	9	243.537	237.073	240.819	229.370	237.472	223.819	240.476	3.246	230.220	6.866	-0.063	0.10596887
IPI:IPI00549384.2	0.000	0.000	n/a	n/a	1	25.296	26.057	26.404	29.793	30.603	30.569	25.919	0.567	30.322	0.458	0.226	0.00058781
IPI:IPI00549389.3	230.494	32.016	0.134	0.44930283	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549467.3	1,056.353	46.004	0.229	0.01338442	20	967.462	939.671	972.932	888.247	920.409	889.858	960.022	17.835	899.505	18.122	-0.094	0.01459378
IPI:IPI00549516.3	0.000	0.000	n/a	n/a	5	179.808	184.814	170.082	221.270	198.048	211.072	178.235	7.491	210.130	11.640	0.238	0.02214895
IPI:IPI00549521.3	478.706	45.209	0.863	0.00490880	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549540.3	69.563	6.073	0.316	0.03994748	2	48.541	38.359	45.115	59.355	75.277	61.407	44.005	5.181	65.346	8.661	0.570	0.03049398
IPI:IPI00549543.1	151.219	2.490	0.073	0.10075604	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549566.4	56.891	11.429	0.219	0.36036023	3	121.180	114.147	118.348	129.037	144.938	127.450	117.892	3.539	133.808	9.671	0.183	0.09049197
IPI:IPI00549664.4	48.748	1.392	0.187	0.04864690	2	73.259	70.827	76.996	75.450	94.100	81.549	73.694	3.107	83.699	9.509	0.184	0.20320997
IPI:IPI00549666.1	27.767	2.272	0.041	0.79630039	2	161.227	168.475	158.611	168.240	148.952	156.375	162.771	5.110	157.856	9.729	-0.044	0.49501022
IPI:IPI00549725.6	1,065.090	12.558	-0.050	0.18144033	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549730.3	180.719	19.630	-0.097	0.43375930	5	233.787	236.109	257.695	258.267	268.608	261.418	242.530	13.184	262.764	5.300	0.116	0.10245846
IPI:IPI00549762.3	37.345	3.079	0.048	0.71804859	1	61.499	54.371	59.481	57.394	67.788	65.572	58.450	3.674	63.585	5.475	0.121	0.26004131
IPI:IPI00549789.4	424.024	11.745	0.178	0.00593935	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549861.4	20.153	2.198	0.081	0.50434702	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549942.3	36.343	0.675	-0.204	0.00836630	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00549970.1	112.706	8.379	0.043	0.67725753	1	78.082	78.411	77.575	13.415	13.265	13.483	78.022	0.421	13.388	0.112	-2.543	0.00000393
IPI:IPI00549993.3	37.132	1.902	-0.224	0.04640922	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00550020.3	540.976	8.129	0.010	0.63933579	1	44.696	47.030	41.010	22.845	23.077	22.193	44.245	3.035	22.705	0.458	-0.963	0.00567176
IPI:IPI00550021.4	1,766.673	24.217	-0.103	0.00632553	36	1,722.700	1,772.140	1,660.700	1,803.870	1,683.840	1,786.740	1,718.513	55.838	1,758.150	64.922	0.033	0.46876211
IPI:IPI00550026.1	0.000	0.000	n/a	n/a	1	16.811	17.815	19.254	16.573	16.682	17.893	17.960	1.228	17.049	0.733	-0.075	0.34482235

IPI:IPI00550037.3	MRPS15	28S ribosomal protein S15, mitochondrial	3	215.496	223.574	226.291	235.539	244.323	253.668	221.787	5.615
IPI:IPI00550069.3	RNH1	Ribonuclease inhibitor	7	326.878	317.571	318.328	257.934	277.008	259.304	320.926	5.169
IPI:IPI00550181.2	CHMP2B	Charged multivesicular body protein 2b	7	379.085	381.437	373.862	409.829	419.757	424.720	378.128	3.877
IPI:IPI00550191.2	C9orf78	Uncharacterized protein C9orf78	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550192.2	XPNPEP3	Isoform 1 of Probable Xaa-Pro aminopeptidase 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550239.4	H1F0	Histone H1.0	6	580.026	497.328	572.176	511.160	617.019	544.391	549.843	45.649
IPI:IPI00550263.1	CDC42BPA	Isoform 5 of Serine/threonine-protein kinase MRCK alpha	12	775.433	822.339	747.485	869.869	766.735	838.797	781.752	37.825
IPI:IPI00550308.1	RBM12;CPNE	RNA-binding protein 12	7	490.381	498.980	472.068	479.376	461.589	470.986	487.143	13.745
IPI:IPI00550363.3	TAGLN2	Transgelin-2	26	1,545.520	1,464.210	1,518.240	1,201.950	1,314.740	1,244.040	1,509.323	41.382
IPI:IPI00550364.8	PGM2	Phosphoglucomutase-2	16	1,176.470	1,239.950	1,138.010	1,380.210	1,318.610	1,372.050	1,184.810	51.479
IPI:IPI00550440.3	C2orf18	Transmembrane protein C2orf18	1	7.940	6.758	8.776	10.320	12.165	9.753	7.824	1.014
IPI:IPI00550477.2	GPATCH1	G patch domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550496.4	RNF10	Isoform 1 of RING finger protein 10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550523.5	ATL3	Isoform 1 of Atlastin-3	33	2,468.770	2,286.130	2,217.390	2,615.150	2,418.190	2,554.790	2,324.097	129.920
IPI:IPI00550571.3	C5orf15	Keratinocyte-associated transmembrane protein 2	1	26.679	27.229	27.935	60.457	54.758	56.376	27.281	0.630
IPI:IPI00550575.2	NRBF2	Isoform 1 of Nuclear receptor-binding factor 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550655.4	SPIN1	Spindlin-1	2	134.832	159.537	144.649	183.041	158.715	186.121	146.339	12.439
IPI:IPI00550689.3	C22orf28	UPF0027 protein C22orf28	17	705.302	705.730	710.701	694.527	709.959	661.090	707.244	3.001
IPI:IPI00550733.6	TBC1D2B	Isoform 1 of TBC1 domain family member 2B	4	252.766	237.771	245.830	280.927	295.502	289.548	245.456	7.505
IPI:IPI00550746.4	NUDC	Nuclear migration protein nudC	22	1,720.920	1,942.290	1,761.570	1,655.700	1,459.290	1,649.360	1,808.260	117.839
IPI:IPI00550766.1	RRP1	Ribosomal RNA processing protein 1 homolog A	3	302.535	304.109	298.165	345.202	348.074	346.663	301.603	3.080
IPI:IPI00550781.3	PRKRIP1	PRKR-interacting protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550821.2	CPSF7	Isoform 1 of Cleavage and polyadenylation specificity factor subunit 7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550852.4	DCTN4	Dynactin subunit 4	3	116.879	108.511	129.431	116.985	138.628	125.476	118.274	10.530
IPI:IPI00550882.3	PYCR1	Pyrroline-5-carboxylate reductase	5	220.416	234.188	215.472	237.594	237.532	214.610	223.359	9.699
IPI:IPI00550894.4	GNPDA2	Isoform 1 of Glucosamine-6-phosphate isomerase 2	1	37.542	35.691	38.497	42.524	47.399	47.273	37.243	1.427
IPI:IPI00550900.1	TPT1	Translationally-controlled tumor protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550906.6	CSTF2T	Cleavage stimulation factor 64 kDa subunit, tau variant	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550917.3	TWF2	Twinfilin-2	7	479.102	487.193	462.694	489.366	491.531	476.004	476.330	12.483
IPI:IPI00550986.4	C12orf11	Uncharacterized protein C12orf11	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00550995.2	PIH1D1	PIH1 domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00551014.1	PUM1	Isoform 1 of Pumilio homolog 1	6	337.078	341.230	335.315	276.484	266.902	285.698	337.874	3.037
IPI:IPI00551024.4	DAK	Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing)	2	19.454	15.610	20.335	23.259	18.572	16.699	18.466	2.513
IPI:IPI00551062.2	CNPY3	Isoform 1 of Protein canopy homolog 3	4	272.537	353.871	261.335	397.704	251.044	364.150	295.914	50.503
IPI:IPI00552141.2	GRINL1A;GC	Isoform 1 of Protein GRINL1A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552191.1	PSMD13	Putative uncharacterized protein DKFZp686H16220	2	58.956	65.606	68.422	57.147	60.186	47.878	64.328	4.861
IPI:IPI00552279.5	ESCO1	Isoform 1 of N-acetyltransferase ESCO1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552416.4	FLNA	Filamin A, alpha	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552419.2	PCCA	cDNA FLJ56469, highly similar to Propionyl-CoA carboxylase alpha chain, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552510.1	LMO7	LIM domain 7	1	91.048	80.933	86.005	71.169	81.330	73.831	85.995	5.058
IPI:IPI00552548.1	SLC30A9	Isoform 1 of Zinc transporter 9	3	145.458	129.073	145.780	154.898	157.677	159.093	140.104	9.554
IPI:IPI00552569.1	ERCC6L	DNA excision repair protein ERCC-6-like	1	34.082	31.148	35.365	22.177	23.208	24.975	33.532	2.162
IPI:IPI00552587.1	GADD45GIP1	Growth arrest and DNA-damage-inducible proteins-interacting protein 1	1	15.972	14.782	16.473	5.628	6.858	6.886	15.742	0.868
IPI:IPI00552671.2	PLXNA1	Plexin-A1	2	36.008	41.884	38.867	61.971	59.529	67.776	38.920	2.938
IPI:IPI00552736.1	RAB43;ISY1	Isoform 3 of Pre-mRNA-splicing factor ISY1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552756.4	MTIF3	Translation initiation factor IF-3, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552815.3	COL5A1	Putative uncharacterized protein COL5A1	1	24.201	16.892	20.721	30.575	36.006	32.585	20.605	3.656
IPI:IPI00552849.2	FAM76B	Isoform 1 of Protein FAM76B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552897.2	MDC1	Isoform 1 of Mediator of DNA damage checkpoint protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00552920.2	EXOSC8	Exosome complex exonuclease RRP43	3	189.490	184.717	197.606	176.670	176.591	174.667	190.604	6.516
IPI:IPI00552937.1	NHLRC3	NHL repeat-containing protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00550037.3	244.510	9.066	0.141	0.02883784	4	216.385	230.401	221.787	253.572	262.525	247.193	222.858	7.069	254.430	7.702	0.191	0.00651395
IPI:IPI00550069.3	264.749	10.639	-0.278	0.00433383	23	748.624	703.713	759.973	845.372	884.228	841.766	737.437	29.752	857.122	23.544	0.217	0.00635494
IPI:IPI00550181.2	418.102	7.582	0.145	0.00399835	5	164.959	188.888	168.164	189.272	160.016	184.711	174.004	12.989	178.000	15.740	0.033	0.75267440
IPI:IPI00550191.2	0.000	0.000	n/a	n/a	9	319.839	317.834	307.455	343.516	357.565	355.427	315.043	6.647	352.169	7.570	0.161	0.00328501
IPI:IPI00550192.2	0.000	0.000	n/a	n/a	1	31.371	28.218	33.695	31.057	32.185	29.729	31.094	2.749	30.990	1.229	-0.005	0.95735037
IPI:IPI00550239.4	557.523	54.138	0.020	0.86209529	1	164.353	138.766	159.135	152.277	184.796	162.370	154.085	13.520	166.481	16.645	0.112	0.37620654
IPI:IPI00550263.1	825.134	52.907	0.078	0.31881727	4	121.105	129.626	123.927	115.133	109.162	121.458	124.886	4.341	115.251	6.149	-0.116	0.09850840
IPI:IPI00550308.1	470.650	8.898	-0.050	0.16824624	15	848.601	865.985	850.840	931.690	935.008	920.305	855.142	9.457	929.001	7.712	0.120	0.00057662
IPI:IPI00550363.3	1,253.577	56.997	-0.268	0.00445292	13	656.210	694.158	643.217	715.142	653.439	706.022	664.528	26.470	691.534	33.305	0.057	0.33633290
IPI:IPI00550364.8	1,356.957	33.459	0.196	0.01211265	11	484.154	484.054	498.220	394.679	406.308	384.979	488.809	8.150	395.322	10.679	-0.306	0.00039639
IPI:IPI00550440.3	10.746	1.262	0.458	0.03782717	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00550477.2	0.000	0.000	n/a	n/a	9	530.463	555.246	538.168	608.568	574.938	615.352	541.292	12.683	599.619	21.642	0.148	0.02399188
IPI:IPI00550496.4	0.000	0.000	n/a	n/a	1	214.772	177.430	216.937	5.526	16.632	16.636	203.046	22.211	12.931	6.413	-3.973	0.00256069
IPI:IPI00550523.5	2,529.377	100.909	0.122	0.10128942	24	1,166.760	1,150.150	1,152.090	1,058.130	1,034.580	1,061.290	1,156.333	9.082	1,051.333	14.595	-0.137	0.00109638
IPI:IPI00550571.3	57.197	2.937	1.068	0.00225293	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00550575.2	0.000	0.000	n/a	n/a	3	103.812	87.205	99.756	110.185	130.879	118.550	96.924	8.658	119.871	10.410	0.307	0.04437120
IPI:IPI00550655.4	175.959	15.013	0.266	0.06028343	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00550689.3	688.525	24.981	-0.039	0.32382578	24	1,174.150	1,157.290	1,157.950	1,386.100	1,355.170	1,372.060	1,163.130	9.549	1,371.110	15.487	0.237	0.00014403
IPI:IPI00550733.6	288.659	7.328	0.234	0.00204859	4	54.632	57.047	48.893	58.062	60.811	57.899	53.524	4.188	58.924	1.637	0.139	0.14313090
IPI:IPI00550746.4	1,588.117	111.612	-0.187	0.07879253	43	2,121.590	2,138.080	2,052.950	2,705.520	2,557.110	2,673.350	2,104.207	45.149	2,645.327	78.073	0.330	0.00142450
IPI:IPI00550766.1	346.646	1.436	0.201	0.00026792	2	66.358	66.412	67.719	81.173	84.609	82.394	66.830	0.771	82.725	1.742	0.308	0.00111829
IPI:IPI00550781.3	0.000	0.000	n/a	n/a	1	145.079	165.294	148.342	53.985	48.911	53.923	152.905	10.853	52.273	2.912	-1.548	0.00229652
IPI:IPI00550821.2	0.000	0.000	n/a	n/a	2	142.005	169.732	127.140	218.094	172.437	200.035	146.292	21.617	196.855	22.994	0.428	0.05038877
IPI:IPI00550852.4	127.030	10.905	0.103	0.37447587	3	149.587	152.319	155.369	210.603	221.625	192.336	152.425	2.892	208.188	14.793	0.450	0.01950854
IPI:IPI00550882.3	229.912	13.252	0.042	0.53096891	12	475.104	523.389	502.205	389.880	409.727	393.161	500.233	24.203	397.589	10.639	-0.331	0.00884785
IPI:IPI00550894.4	45.732	2.779	0.296	0.01839228	4	118.463	114.116	120.003	91.733	89.277	97.575	117.527	3.053	92.862	4.262	-0.340	0.00186449
IPI:IPI00550900.1	0.000	0.000	n/a	n/a	16	612.149	556.307	581.474	465.069	520.948	482.917	583.310	27.966	489.645	28.541	-0.253	0.01548348
IPI:IPI00550906.6	0.000	0.000	n/a	n/a	1	9.896	10.427	8.208	12.589	12.424	10.925	9.510	1.159	11.979	0.917	0.333	0.04729260
IPI:IPI00550917.3	485.634	8.409	0.028	0.35251352	7	484.326	527.462	480.832	471.357	422.820	456.619	497.540	25.972	450.265	24.884	-0.144	0.08527630
IPI:IPI00550986.4	0.000	0.000	n/a	n/a	6	260.364	316.362	251.532	386.003	300.879	373.911	276.086	35.158	353.598	46.054	0.357	0.08606785
IPI:IPI00550995.2	0.000	0.000	n/a	n/a	2	56.631	55.625	60.361	64.571	69.928	61.532	57.539	2.495	65.343	4.251	0.184	0.06558773
IPI:IPI00551014.1	276.361	9.399	-0.290	0.00427528	2	88.870	71.775	86.808	80.324	88.225	76.202	82.484	9.332	81.584	6.110	-0.016	0.89722454
IPI:IPI00551024.4	19.510	3.379	0.079	0.69208149	6	132.940	116.092	130.143	139.580	137.329	123.962	126.392	9.029	133.624	8.443	0.080	0.36880384
IPI:IPI00551062.2	337.633	76.842	0.190	0.48239408	8	285.800	308.238	292.599	286.117	264.741	283.260	295.546	11.506	278.039	11.605	-0.088	0.13732827
IPI:IPI00552141.2	0.000	0.000	n/a	n/a	2	59.854	55.480	59.481	59.175	64.634	59.332	58.272	2.425	61.047	3.108	0.067	0.29397205
IPI:IPI00552191.1	55.071	6.411	-0.224	0.12228799	1	41.889	40.776	47.408	4.654	7.547	7.426	43.357	3.552	6.542	1.636	-2.728	0.00071878
IPI:IPI00552279.5	0.000	0.000	n/a	n/a	1	26.385	33.746	34.468	23.913	16.882	22.631	31.533	4.473	21.142	3.744	-0.577	0.03828254
IPI:IPI00552416.4	0.000	0.000	n/a	n/a	1	36.031	34.946	34.025	33.027	30.374	33.814	35.001	1.004	32.405	1.803	-0.111	0.11383722
IPI:IPI00552419.2	0.000	0.000	n/a	n/a	3	374.016	325.332	366.968	469.312	541.838	486.281	355.439	26.310	499.144	37.935	0.490	0.00793635
IPI:IPI00552510.1	75.443	5.269	-0.189	0.06674836	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00552548.1	157.223	2.134	0.166	0.08357527	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00552569.1	23.453	1.415	-0.516	0.00421444	7	256.340	244.073	259.234	270.319	280.441	275.061	253.216	8.049	275.274	5.064	0.120	0.02223817
IPI:IPI00552587.1	6.457	0.719	-1.286	0.00017416	3	29.544	28.930	27.056	25.916	28.882	30.364	28.510	1.296	28.387	2.265	-0.006	0.94229426
IPI:IPI00552671.2	63.092	4.237	0.697	0.00203465	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00552736.1	0.000	0.000	n/a	n/a	9	355.652	353.982	375.096	450.421	438.460	449.524	361.577	11.738	446.135	6.662	0.303	0.00130841
IPI:IPI00552756.4	0.000	0.000	n/a	n/a	3	205.157	202.825	198.361	201.041	199.423	196.357	202.114	3.453	198.940	2.379	-0.023	0.26906122
IPI:IPI00552815.3	33.055	2.746	0.682	0.01102480	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00552849.2	0.000	0.000	n/a	n/a	4	167.014	153.184	158.234	196.666	191.727	199.818	159.477	6.998	196.070	4.078	0.298	0.00337162
IPI:IPI00552897.2	0.000	0.000	n/a	n/a	23	874.931	917.041	877.122	834.642	796.290	850.495	889.698	23.705	827.142	27.870	-0.105	0.04291091
IPI:IPI00552920.2	175.976	1.134	-0.115	0.05635682	5	196.681	221.279	204.157	286.993	281.376	299.908	207.372	12.610	289.426	9.502	0.481	0.00117697
IPI:IPI00552937.1	0.000	0.000	n/a	n/a	1	57.130	47.015	60.860	40.149	51.715	49.170	55.002	7.164	47.011	6.078	-0.226	0.21671877

IPI:IPI00553067.4	CCDC132	Isoform 1 of Coiled-coil domain-containing protein 132	4	184.005	158.733	172.706	180.426	196.012	186.625	171.815	12.660
IPI:IPI00553131.2	GALE	UDP-glucose 4-epimerase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00553153.1	ATPIF1	Putative uncharacterized protein DKFZp564G0422	3	103.006	78.408	88.912	104.553	143.641	128.475	90.109	12.342
IPI:IPI00553175.7	ZGPAT	Isoform 1 of Zinc finger CCCH-type with G patch domain-containing protein	1	42.351	52.994	48.156	45.505	42.916	51.054	47.833	5.329
IPI:IPI00554469.1	IMMT	Isoform 2 of Mitochondrial inner membrane protein	22	1,415.150	1,403.660	1,459.310	1,497.420	1,495.630	1,472.750	1,426.040	29.380
IPI:IPI00554488.3	PRKAR1B	cAMP-dependent protein kinase type I-beta regulatory subunit	1	53.727	49.622	59.620	50.912	64.733	54.669	54.323	5.025
IPI:IPI00554521.2	FTH1	Ferritin heavy chain	12	354.237	371.378	352.236	872.691	801.275	868.909	359.284	10.522
IPI:IPI00554541.2	ILVBL	Isoform 1 of Acetolactate synthase-like protein	3	209.104	215.149	214.216	217.491	255.474	221.089	212.823	3.254
IPI:IPI00554560.4	C16orf88	Protein C16orf88	1	45.468	34.778	45.650	48.345	63.529	51.488	41.965	6.225
IPI:IPI00554590.1	RAB3GAP2	Isoform 1 of Rab3 GTPase-activating protein non-catalytic subunit	17	717.669	716.489	710.451	779.669	836.947	821.250	714.870	3.872
IPI:IPI00554613.1	HNRPLL	Isoform 2 of Heterogeneous nuclear ribonucleoprotein L-like	1	77.810	71.331	75.566	68.756	68.322	68.286	74.902	3.290
IPI:IPI00554648.3	KRT8	Keratin, type II cytoskeletal 8	1	96.858	105.458	98.990	126.833	106.551	131.742	100.435	4.479
IPI:IPI00554649.1	ATG4B	Isoform 1 of Cysteine protease ATG4B	1	30.807	33.199	29.352	42.210	38.487	38.541	31.119	1.942
IPI:IPI00554711.3	JUP	Junction plakoglobin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00554737.3	PPP2R1A	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00554742.3	API5	Isoform 2 of Apoptosis inhibitor 5	11	990.615	941.437	976.656	853.465	920.491	886.314	969.569	25.343
IPI:IPI00554761.2	HMGN1;LOC6	Non-histone chromosomal protein HMG-14	8	696.418	705.018	687.603	747.101	729.113	760.202	696.346	8.708
IPI:IPI00554777.2	ASNS	Asparagine synthetase [glutamine-hydrolyzing]	27	1,331.200	1,556.210	1,333.600	1,568.640	1,363.250	1,536.430	1,407.003	129.222
IPI:IPI00554786.5	TXNRD1	Isoform 5 of Thioredoxin reductase 1, cytoplasmic	13	467.589	474.294	487.938	555.767	571.728	546.091	476.607	10.370
IPI:IPI00554788.5	KRT18	Keratin, type I cytoskeletal 18	6	695.200	717.533	692.599	192.862	269.577	217.029	701.777	13.707
IPI:IPI00554793.2	MYCBP	C-Myc-binding protein	3	180.916	211.890	187.213	154.557	140.561	146.583	193.340	16.371
IPI:IPI00554811.2	ARPC4;TTLL	Actin-related protein 2/3 complex subunit 4	4	298.610	269.671	295.749	172.561	186.218	184.044	288.010	15.946
IPI:IPI00555565.1	HSP90AB4P	Putative heat shock protein HSP 90-beta 4	3	63.665	70.787	74.544	166.904	154.458	162.463	69.665	5.526
IPI:IPI00555582.1	NFKBIL2	I-kappa-B-related protein variant (Fragment)	1	11.392	11.750	10.109	5.951	7.585	9.786	11.084	0.863
IPI:IPI00555694.7	EXOC6	cDNA FLJ56022, highly similar to Exocyst complex component 6	1	3.445	2.187	5.860	5.583	5.422	4.355	3.831	1.866
IPI:IPI00555734.3	ASRGL1	Isoform 1 of L-asparaginase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00555744.6	RPL14	Ribosomal protein L14 variant	15	1,614.430	1,450.970	1,647.300	1,291.390	1,229.120	1,306.220	1,570.900	105.155
IPI:IPI00555812.4	GC	Vitamin D-binding protein	1	26.529	25.853	30.345	42.394	38.372	40.976	27.576	2.422
IPI:IPI00555878.1	APOBEC3C	Probable DNA dC->dU-editing enzyme APOBEC-3C	1	55.018	54.390	62.552	59.526	79.550	68.716	57.320	4.542
IPI:IPI00555883.2	DNM1L	Isoform 2 of Dynamin-1-like protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00555902.1	OCIAD2	Isoform 1 of OCIA domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00555956.2	PSMB4	Proteasome subunit beta type-4	1	9.550	8.583	8.851	9.759	10.175	10.317	8.995	0.499
IPI:IPI00556081.3	EIF4E2	Putative uncharacterized protein EIF4E2	1	108.402	91.462	89.174	109.229	107.301	99.412	96.346	10.504
IPI:IPI00556276.3	ACAD8	Acyl-Coenzyme A dehydrogenase family, member 8 variant (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00556308.4	GYG1	Isoform GN-1 of Glycogenin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00556589.3	-	4 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00556594.3	ZCCHC8	Isoform 1 of Zinc finger CCHC domain-containing protein 8	1	19.803	19.649	17.771	19.231	16.333	20.301	19.074	1.131
IPI:IPI00556619.1	TMX2	Isoform 2 of Thioredoxin-related transmembrane protein 2	2	54.623	55.835	53.326	74.446	80.484	76.125	54.595	1.255
IPI:IPI00556645.3	FOXK1	Isoform 1 of Forkhead box protein K1	2	172.089	170.480	168.355	151.096	144.496	147.604	170.308	1.873
IPI:IPI00556659.1	EIF2B4	Eukaryotic translation initiation factor 2B, subunit 4 delta long isoform variant (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00604449.2	C7orf42	Isoform 1 of UPF0458 protein C7orf42	1	3.710	5.789	2.901	9.396	8.438	10.075	4.133	1.490
IPI:IPI00604464.3	UBE3C	Isoform 1 of Ubiquitin-protein ligase E3C	2	236.140	258.481	224.066	254.034	233.644	256.379	239.562	17.461
IPI:IPI00604537.2	TPM1	tropomyosin 1 alpha chain isoform 3	154	8,278.110	8,274.010	8,397.850	7,246.930	7,288.370	7,546.720	8,316.657	70.345
IPI:IPI00604590.3	NME1;NME2	Nucleoside diphosphate kinase	33	2,545.450	2,676.720	2,449.480	2,665.970	2,446.210	2,579.680	2,557.217	114.076
IPI:IPI00604599.2	TMED3	Transmembrane emp24 domain-containing protein 3	1	58.096	52.879	60.064	75.555	84.883	77.859	57.013	3.713
IPI:IPI00604620.3	NCL	Nucleolin	72	5,880.460	5,357.190	5,637.810	4,684.300	5,055.280	4,974.690	5,625.153	261.865
IPI:IPI00604624.1	NIF3L1	Isoform 1 of NIF3-like protein 1	2	22.071	21.077	18.989	21.246	27.174	24.431	20.712	1.573
IPI:IPI00604664.5	NDUFS1	NADH-ubiquinone oxidoreductase 75 kDa subunit	9	507.338	540.031	495.437	552.842	509.854	527.045	514.269	23.091
IPI:IPI00604690.1	KIAA0427	Isoform 1 of Uncharacterized protein KIAA0427	5	346.252	385.479	353.351	350.381	349.368	353.274	361.694	20.902
IPI:IPI00604711.3	KIF1A	Isoform 1 of Kinesin-like protein KIF1A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00604756.2	NRBP1	Nuclear receptor-binding protein	5	179.919	160.062	171.190	188.885	223.837	203.945	170.390	9.953

IPI:IPI00553067.4	187.688	7.847	0.127	0.15286827	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00553131.2	0.000	0.000	n/a	n/a	3	113.981	114.948	105.980	163.762	160.949	154.027	111.636	4.922	159.579	5.010	0.515	0.00029668
IPI:IPI00553153.1	125.556	19.707	0.479	0.06898869	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00553175.7	46.492	4.158	-0.041	0.74945920	1	54.498	43.720	49.694	52.991	59.326	56.076	49.304	5.399	56.131	3.168	0.187	0.14873670
IPI:IPI00554469.1	1,488.600	13.756	0.062	0.04831795	55	2,697.800	2,600.240	2,695.720	2,723.790	2,789.920	2,714.140	2,664.587	55.736	2,742.617	41.249	0.042	0.12914998
IPI:IPI00554488.3	56.771	7.146	0.064	0.65558499	5	175.897	183.439	185.231	222.777	229.429	219.517	181.522	4.953	223.908	5.052	0.303	0.00048817
IPI:IPI00554521.2	847.625	40.185	1.238	0.00127560	27	1,399.830	1,430.240	1,414.170	1,072.030	1,159.010	1,087.030	1,414.747	15.213	1,106.023	46.497	-0.355	0.00404374
IPI:IPI00554541.2	231.351	20.968	0.120	0.26515569	9	213.977	231.425	223.899	183.247	176.735	195.869	223.100	8.751	185.284	9.728	-0.268	0.00768922
IPI:IPI00554560.4	54.454	8.015	0.376	0.10428015	7	310.432	326.574	323.799	461.485	407.844	447.607	320.268	8.631	438.979	27.842	0.455	0.01199457
IPI:IPI00554590.1	812.622	29.598	0.185	0.02753698	12	620.345	605.756	618.953	575.254	620.384	596.883	615.018	8.051	597.507	22.571	-0.042	0.31108565
IPI:IPI00554613.1	68.455	0.262	-0.130	0.07604610	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00554648.3	121.709	13.354	0.277	0.09798243	307	12,528.400	12,342.000	12,379.200	14,416.800	14,591.400	14,493.200	12,416.533	98.649	14,500.467	87.527	0.224	0.00001205
IPI:IPI00554649.1	39.746	2.134	0.353	0.00678795	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00554711.3	0.000	0.000	n/a	n/a	8	244.465	267.904	257.729	355.561	311.023	343.767	256.699	11.753	336.784	23.076	0.392	0.01305509
IPI:IPI00554737.3	0.000	0.000	n/a	n/a	26	1,573.430	1,551.240	1,531.490	1,494.230	1,506.060	1,477.520	1,552.053	20.982	1,492.603	14.339	-0.056	0.01976952
IPI:IPI00554742.3	886.757	33.515	-0.129	0.03022362	9	500.314	500.426	515.569	434.121	441.234	436.768	505.436	8.775	437.374	3.595	-0.209	0.00199961
IPI:IPI00554761.2	745.472	15.608	0.098	0.01594453	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00554777.2	1,489.440	110.464	0.082	0.44938788	18	887.349	982.482	907.650	1,296.480	1,106.560	1,249.340	925.827	50.104	1,217.460	98.892	0.395	0.02035108
IPI:IPI00554786.5	557.862	12.946	0.227	0.00129803	12	362.726	363.678	365.827	378.689	379.938	387.074	364.077	1.589	381.900	4.524	0.069	0.01320557
IPI:IPI00554788.5	226.489	39.223	-1.632	0.00085594	112	3,117.260	3,268.660	3,130.840	2,990.190	2,847.070	3,030.790	3,172.253	83.766	2,956.017	96.510	-0.102	0.04386427
IPI:IPI00554793.2	147.234	7.021	-0.393	0.02564407	3	319.558	306.687	317.113	143.048	160.740	155.640	314.453	6.835	153.143	9.107	-1.038	0.00003045
IPI:IPI00554811.2	180.941	7.338	-0.671	0.00240321	3	96.487	108.922	100.507	94.504	86.328	83.542	101.972	6.346	88.125	5.697	-0.211	0.04891180
IPI:IPI00555565.1	161.275	6.307	1.211	0.00005227	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00555582.1	7.774	1.925	-0.512	0.07926115	2	55.881	52.915	57.349	68.817	67.707	68.745	55.382	2.259	68.423	0.621	0.305	0.00657834
IPI:IPI00555694.7	5.120	0.667	0.419	0.35738511	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00555734.3	0.000	0.000	n/a	n/a	2	34.388	27.193	34.759	21.058	27.848	19.557	32.113	4.266	22.821	4.418	-0.493	0.05904777
IPI:IPI00555744.6	1,275.577	40.910	-0.300	0.02732635	3	225.086	247.528	223.419	164.779	116.626	162.146	232.011	13.464	147.850	27.073	-0.650	0.01793715
IPI:IPI00555812.4	40.580	2.040	0.557	0.00230423	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00555878.1	69.264	10.023	0.273	0.16471513	1	36.699	36.414	37.218	18.075	20.673	16.978	36.777	0.408	18.575	1.897	-0.985	0.00255540
IPI:IPI00555883.2	0.000	0.000	n/a	n/a	27	1,111.570	1,063.280	1,126.090	1,124.910	1,192.220	1,143.730	1,100.313	32.883	1,153.620	34.728	0.068	0.12597296
IPI:IPI00555902.1	0.000	0.000	n/a	n/a	7	402.940	415.263	410.506	388.936	358.646	384.132	409.570	6.215	377.238	16.279	-0.119	0.06086985
IPI:IPI00555956.2	10.083	0.290	0.165	0.04265677	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00556081.3	105.314	5.201	0.128	0.27908734	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00556276.3	0.000	0.000	n/a	n/a	4	75.819	76.942	74.319	63.594	68.009	64.581	75.693	1.316	65.394	2.317	-0.211	0.00572502
IPI:IPI00556308.4	0.000	0.000	n/a	n/a	5	193.292	190.804	190.097	221.748	220.221	217.385	191.398	1.678	219.785	2.214	0.200	0.00009864
IPI:IPI00556589.3	0.000	0.000	n/a	n/a	8	169.263	168.940	171.999	152.511	157.201	160.486	170.067	1.681	156.733	4.008	-0.118	0.01721794
IPI:IPI00556594.3	18.622	2.053	-0.035	0.76019343	22	686.584	737.093	672.932	822.230	771.595	819.283	698.870	33.799	804.369	28.422	0.203	0.01532473
IPI:IPI00556619.1	77.018	3.117	0.496	0.00251040	7	276.389	256.083	265.028	278.631	296.172	277.586	265.833	10.177	284.130	10.442	0.096	0.09553481
IPI:IPI00556645.3	147.732	3.302	-0.205	0.00154134	6	122.628	132.890	116.426	129.554	124.827	130.920	123.981	8.315	128.434	3.197	0.051	0.46052014
IPI:IPI00556659.1	0.000	0.000	n/a	n/a	1	6.036	8.101	8.697	13.365	13.797	15.625	7.611	1.396	14.262	1.200	0.906	0.00359012
IPI:IPI00604449.2	9.303	0.822	1.170	0.01224435	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00604464.3	248.019	12.504	0.050	0.53707693	3	158.534	179.433	148.148	108.456	97.424	106.834	162.038	15.934	104.238	5.956	-0.636	0.01528682
IPI:IPI00604537.2	7,360.673	162.448	-0.176	0.00379907	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00604590.3	2,563.953	110.721	0.004	0.94524237	52	3,710.150	3,944.440	3,677.810	3,303.650	3,049.760	3,185.220	3,777.467	145.504	3,179.543	127.040	-0.249	0.00614767
IPI:IPI00604599.2	79.432	4.859	0.478	0.00394853	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00604620.3	4,904.757	195.127	-0.198	0.02169497	177	7,817.300	7,502.930	7,617.950	8,643.820	8,785.540	8,660.770	7,646.060	159.059	8,696.710	77.394	0.186	0.00228048
IPI:IPI00604624.1	24.284	2.967	0.230	0.16160783	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00604664.5	529.914	21.637	0.043	0.44133606	31	985.699	957.273	1,014.720	997.065	1,004.810	984.923	985.897	28.724	995.599	10.024	0.014	0.62658506
IPI:IPI00604690.1	351.008	2.027	-0.043	0.46964001	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00604711.3	0.000	0.000	n/a	n/a	6	154.807	181.854	156.953	309.672	277.271	296.813	164.538	15.034	294.585	16.315	0.840	0.00055034
IPI:IPI00604756.2	205.556	17.532	0.271	0.05291742	4	118.956	119.971	120.164	136.711	151.573	141.186	119.697	0.649	143.157	7.624	0.258	0.03267430

IPI:IPI00604786.2	ZFP36L2	Butyrate response factor 2	1	65.028	55.713	61.317	85.719	86.483	89.846	60.686	4.689
IPI:IPI00607554.1	USP47	Isoform 1 of Ubiquitin carboxyl-terminal hydrolase 47	10	495.645	521.300	499.714	506.283	453.049	507.367	505.553	13.788
IPI:IPI00607589.1	SIN3B	Isoform 2 of Paired amphipathic helix protein Sin3b	1	13.931	16.802	11.571	12.649	11.802	10.103	14.101	2.620
IPI:IPI00607628.3	GRIPAP1	Isoform 4 of GRIP1-associated protein 1	3	90.984	94.543	94.676	87.764	86.085	87.196	93.401	2.094
IPI:IPI00607645.4	SUDS3	Sin3 histone deacetylase corepressor complex component SDS3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00607659.2	C14orf145	Isoform 1 of Uncharacterized protein C14orf145	1	81.784	92.546	81.964	86.769	76.264	79.186	85.431	6.162
IPI:IPI00607741.4	GSTT1	Glutathione S-transferase theta 1	1	49.743	56.176	43.519	26.045	45.431	19.943	49.813	6.328
IPI:IPI00607814.3	XPNPEP1	Isoform 2 of Xaa-Pro aminopeptidase 1	8	510.572	530.935	490.106	578.268	536.904	591.807	510.538	20.415
IPI:IPI00607861.2	H6PD	GDH/6PGL endoplasmic bifunctional protein	4	248.893	231.737	253.303	256.799	295.010	263.235	244.644	11.393
IPI:IPI00607866.1	FAM60A	Isoform 2 of Protein FAM60A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00619921.3	DIDO1	Isoform 4 of Death-inducer obliterator 1	1	70.788	60.671	70.517	52.682	54.925	56.081	67.325	5.765
IPI:IPI00619951.3	TPD52	tumor protein D52 isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00639811.2	RABEPK	Isoform 1 of Rab9 effector protein with Kelch motifs	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00639850.1	CRTC2	CREB regulated transcription coactivator 2	2	51.593	54.932	56.387	49.319	52.132	53.692	54.304	2.458
IPI:IPI00639931.2	CAP1	Isoform 2 of Adenylyl cyclase-associated protein 1	78	5,579.430	5,507.520	5,354.520	5,621.130	5,779.960	5,673.340	5,480.490	114.866
IPI:IPI00639976.1	BCAP31	21 kDa protein	2	160.441	118.183	208.086	123.594	91.398	100.008	162.237	44.978
IPI:IPI00640106.2	HNRNPU	cDNA FLJ44920 fis, clone BRAMY3011501, highly similar to Heterogeneous nuclear ribonucleoprotein U	55	4,500.350	4,127.540	4,494.090	3,717.180	4,158.050	3,883.510	4,373.993	213.458
IPI:IPI00640276.1	EFHA1	EF-hand domain-containing family member A1	5	253.294	256.816	254.416	273.887	271.630	274.105	254.842	1.799
IPI:IPI00640341.1	FKBP8	Isoform 1 of FK506-binding protein 8	5	437.502	419.576	428.088	489.783	511.793	481.322	428.389	8.967
IPI:IPI00640597.1	-	cDNA FLJ56191, highly similar to Homo sapiens valyl-tRNA synthetase like (VARSL), mRNA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00640598.1	ZMYND8	zinc finger, MYND-type containing 8 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00640649.1	ELMO2	HCG1811050, isoform CRA_b	17	778.442	789.939	780.590	806.937	804.333	817.484	782.990	6.113
IPI:IPI00640703.3	XPO5	Isoform 1 of Exportin-5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00640734.3	KIAA0090	Putative uncharacterized protein KIAA0090	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00640865.1	ITGBL1	Integrin beta-like protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00640947.2	DUS3L	Isoform 2 of tRNA-dihydrouridine synthase 3-like	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00640981.3	UBR4	Isoform 4 of E3 ubiquitin-protein ligase UBR4	21	1,191.690	1,172.990	1,200.100	1,259.180	1,332.340	1,298.130	1,188.260	13.877
IPI:IPI00641157.1	CTSA	Cathepsin A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00641181.5	MARCKSL1	MARCKS-related protein	1	9.654	8.424	11.258	10.055	7.770	8.344	9.778	1.421
IPI:IPI00641582.1	BAG3	BAG family molecular chaperone regulator 3	16	864.874	801.542	801.211	806.467	768.742	818.655	822.542	36.661
IPI:IPI00641630.1	CC2D1B	Isoform 2 of Coiled-coil and C2 domain-containing protein 1B	2	76.322	103.151	102.785	90.346	104.100	102.821	94.086	15.385
IPI:IPI00641634.2	BAT1	HLA-B associated transcript 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00641706.1	TUBB6	46 kDa protein	20	967.434	973.561	1,051.980	931.835	932.785	810.556	997.658	47.144
IPI:IPI00641829.5	BAT1	Isoform 2 of Spliceosome RNA helicase BAT1	9	387.379	334.305	382.397	343.620	369.349	357.052	368.027	29.310
IPI:IPI00641887.1	C20orf30	Isoform 2 of UPF0414 transmembrane protein C20orf30	1	41.554	43.986	44.259	36.070	36.584	33.364	43.266	1.489
IPI:IPI00641924.2	MRPS9	28S ribosomal protein S9, mitochondrial	4	283.166	285.828	271.330	279.413	256.986	291.866	280.108	7.718
IPI:IPI00641950.4	GNB2L1	38 kDa protein	18	1,157.340	1,021.280	1,108.790	1,047.280	1,240.090	1,095.210	1,095.803	68.953
IPI:IPI00642097.1	GSPT2	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B	4	184.336	236.052	194.663	267.121	203.471	238.760	205.017	27.369
IPI:IPI00642126.3	KIAA1618	Isoform 1 of Protein ALO17	6	184.836	222.582	185.960	230.810	190.945	231.696	197.793	21.476
IPI:IPI00642211.3	RNPEP	Aminopeptidase B	10	724.079	814.349	702.873	883.010	801.662	897.681	747.100	59.196
IPI:IPI00642238.4	HP1BP3	Isoform 1 of Heterochromatin protein 1-binding protein 3	18	1,011.100	1,056.380	1,032.660	994.394	963.659	958.310	1,033.380	22.649
IPI:IPI00642244.2	KIAA0090	Isoform 4 of Uncharacterized protein KIAA0090	18	1,007.070	954.852	968.003	1,031.740	1,045.660	1,003.130	976.642	27.160
IPI:IPI00642259.2	DST	Dystonin	60	3,148.730	3,132.530	3,165.620	2,586.270	2,551.890	2,617.870	3,148.960	16.546
IPI:IPI00642329.2	MFN2	Isoform 1 of Mitofusin-2	2	200.909	183.927	183.661	223.008	242.458	230.083	189.499	9.882
IPI:IPI00642494.2	UPRT	Isoform 1 of Uracil phosphoribosyltransferase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00642542.1	CNN3	DJ639P13.2.2	4	103.449	91.025	98.475	96.825	90.298	94.606	97.650	6.253
IPI:IPI00642705.1	ARID1A	Isoform 2 of AT-rich interactive domain-containing protein 1A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00642798.1	SC65	Synaptonemal complex protein SC65	1	65.957	53.457	61.969	68.077	73.884	71.291	60.461	6.385
IPI:IPI00642816.2	SRP9;SRP9L	Signal recognition particle 9 kDa protein	7	983.489	891.836	976.699	875.940	995.638	932.821	950.675	51.069
IPI:IPI00642862.1	PPIL4	Peptidyl-prolyl cis-trans isomerase-like 4	2	132.017	135.996	127.240	127.010	121.737	130.012	131.751	4.384
IPI:IPI00643041.3	RANP1;RAN	GTP-binding nuclear protein Ran	18	1,518.060	1,434.360	1,425.210	1,393.880	1,490.970	1,440.260	1,459.210	51.171

IPI:IPI00604786.2	87.349	2.196	0.525	0.00369721	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00607554.1	488.900	31.052	-0.048	0.46389447	9	440.592	475.695	443.617	492.017	447.889	486.890	453.301	19.452	475.599	24.134	0.069	0.28415240
IPI:IPI00607589.1	11.518	1.297	-0.292	0.22612657	1	71.108	72.136	66.825	99.376	97.429	103.211	70.023	2.817	100.005	2.942	0.514	0.00022227
IPI:IPI00607628.3	87.015	0.854	-0.102	0.02178344	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00607645.4	0.000	0.000	n/a	n/a	5	196.877	208.837	190.431	298.040	258.926	290.894	198.715	9.340	282.620	20.828	0.508	0.00990534
IPI:IPI00607659.2	80.740	5.422	-0.081	0.37914527	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00607741.4	30.473	13.309	-0.709	0.11214290	2	116.761	107.226	114.615	110.963	121.563	119.152	112.867	5.002	117.226	5.556	0.055	0.37060898
IPI:IPI00607814.3	568.993	28.603	0.156	0.05075630	14	447.125	502.895	443.572	547.844	500.463	530.737	464.531	33.272	526.348	23.993	0.180	0.06550509
IPI:IPI00607861.2	271.681	20.458	0.151	0.13562244	4	271.515	280.099	276.084	192.950	188.115	192.053	275.899	4.295	191.039	2.572	-0.530	0.00004481
IPI:IPI00607866.1	0.000	0.000	n/a	n/a	1	46.333	41.804	44.231	50.217	49.599	51.182	44.123	2.267	50.333	0.798	0.190	0.03060145
IPI:IPI00619921.3	54.563	1.728	-0.303	0.05178803	17	463.103	451.050	486.219	410.194	464.817	439.874	466.791	17.872	438.295	27.346	-0.091	0.21654900
IPI:IPI00619951.3	0.000	0.000	n/a	n/a	6	340.717	291.692	334.649	185.146	233.168	193.385	322.353	26.726	203.900	25.680	-0.661	0.00523725
IPI:IPI00639811.2	0.000	0.000	n/a	n/a	2	114.067	111.739	117.420	198.985	200.467	191.838	114.409	2.856	197.097	4.614	0.785	0.00005524
IPI:IPI00639850.1	51.714	2.216	-0.070	0.24771927	1	65.634	67.118	67.275	28.032	31.822	33.755	66.675	0.906	31.203	2.912	-1.095	0.00102007
IPI:IPI00639931.2	5,691.477	80.953	0.054	0.06685377	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00639976.1	105.000	16.669	-0.628	0.14791836	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00640106.2	3,919.580	222.637	-0.158	0.06339376	6	245.576	224.950	246.202	302.178	321.633	313.458	238.909	12.093	312.423	9.769	0.387	0.00145762
IPI:IPI00640276.1	273.207	1.370	0.100	0.00022780	2	153.633	160.789	164.474	185.391	183.496	185.937	159.632	5.512	184.941	1.281	0.212	0.01208429
IPI:IPI00640341.1	494.299	15.730	0.206	0.00683218	6	140.763	140.207	147.379	161.403	180.597	171.618	142.783	3.990	171.206	9.604	0.262	0.02311627
IPI:IPI00640597.1	0.000	0.000	n/a	n/a	3	93.311	101.688	92.923	160.229	140.309	152.840	95.974	4.952	151.126	10.070	0.655	0.00380925
IPI:IPI00640598.1	0.000	0.000	n/a	n/a	12	332.473	317.448	325.736	468.910	491.159	461.090	325.219	7.526	473.720	15.601	0.543	0.00081984
IPI:IPI00640649.1	809.585	6.964	0.048	0.00798864	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00640703.3	0.000	0.000	n/a	n/a	5	247.063	262.220	260.813	378.077	350.672	368.318	256.699	8.374	365.689	13.890	0.511	0.00088102
IPI:IPI00640734.3	0.000	0.000	n/a	n/a	1	17.742	16.210	18.440	15.525	19.228	19.632	17.464	1.141	18.128	2.264	0.054	0.68254286
IPI:IPI00640865.1	0.000	0.000	n/a	n/a	2	58.370	65.919	54.080	119.882	104.662	115.260	59.457	5.994	113.268	7.803	0.930	0.00094301
IPI:IPI00640947.2	0.000	0.000	n/a	n/a	3	111.408	94.360	101.092	126.655	131.004	127.623	102.287	8.586	128.427	2.283	0.328	0.02752409
IPI:IPI00640981.3	1,296.550	36.606	0.126	0.02459203	18	854.115	872.424	854.826	943.837	929.323	930.661	860.455	10.372	934.607	8.021	0.119	0.00082240
IPI:IPI00641157.1	0.000	0.000	n/a	n/a	1	19.698	22.102	19.259	35.104	33.262	34.010	20.353	1.531	34.125	0.927	0.746	0.00056063
IPI:IPI00641181.5	8.723	1.189	-0.165	0.38130701	3	90.855	91.887	91.852	86.943	84.276	84.168	91.531	0.586	85.129	1.572	-0.105	0.01154217
IPI:IPI00641582.1	797.955	26.023	-0.044	0.40291713	2	51.926	60.657	48.200	33.280	26.717	33.035	53.594	6.394	31.010	3.721	-0.789	0.01107147
IPI:IPI00641630.1	99.089	7.599	0.075	0.65055413	8	308.240	337.841	316.652	379.906	336.292	377.305	320.911	15.253	364.501	24.464	0.184	0.07058117
IPI:IPI00641634.2	0.000	0.000	n/a	n/a	1	48.402	68.180	147.691	5.858	31.762	10.536	88.091	52.554	16.052	13.805	-2.456	0.13325822
IPI:IPI00641706.1	891.725	70.296	-0.162	0.10591999	5	250.408	247.920	268.374	142.000	181.043	148.342	255.567	11.160	157.128	20.952	-0.702	0.00527484
IPI:IPI00641829.5	356.674	12.869	-0.045	0.58684253	22	962.518	954.338	942.267	915.051	935.150	916.703	953.041	10.188	922.301	11.158	-0.047	0.02474472
IPI:IPI00641887.1	35.339	1.730	-0.292	0.00416433	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00641924.2	276.088	17.676	-0.021	0.74461654	5	286.069	312.172	280.214	230.459	218.710	224.722	292.818	17.015	224.630	5.875	-0.382	0.01280266
IPI:IPI00641950.4	1,127.527	100.385	0.041	0.67841750	26	1,189.550	1,165.480	1,201.870	820.222	883.595	855.566	1,185.633	18.508	853.128	31.757	-0.475	0.00038384
IPI:IPI00642097.1	236.451	31.888	0.206	0.26662188	10	324.738	343.592	321.293	443.792	422.558	419.185	329.874	12.004	428.512	13.340	0.377	0.00071670
IPI:IPI00642126.3	217.817	23.276	0.139	0.33560591	25	989.803	973.990	994.237	1,284.120	1,344.240	1,304.320	986.010	10.643	1,310.893	30.594	0.411	0.00119079
IPI:IPI00642211.3	860.784	51.724	0.204	0.06768199	7	612.062	640.464	646.849	424.361	373.578	432.451	633.125	18.518	410.130	31.912	-0.626	0.00137641
IPI:IPI00642238.4	972.121	19.474	-0.088	0.02464409	7	216.728	219.346	224.178	240.787	257.186	250.330	220.084	3.779	249.434	8.236	0.181	0.01336546
IPI:IPI00642244.2	1,026.843	21.684	0.072	0.06974243	8	455.142	477.607	461.057	319.360	305.643	319.798	464.602	11.644	314.934	8.049	-0.561	0.00011999
IPI:IPI00642259.2	2,585.343	33.000	-0.285	0.00013512	64	2,468.830	2,516.830	2,496.820	2,866.690	2,734.190	2,824.080	2,494.160	24.110	2,808.320	67.641	0.171	0.00876181
IPI:IPI00642329.2	231.850	9.845	0.291	0.00626037	2	147.899	147.397	140.532	107.441	123.703	106.837	145.276	4.116	112.660	9.568	-0.367	0.01584699
IPI:IPI00642494.2	0.000	0.000	n/a	n/a	1	18.584	18.593	20.914	25.855	26.746	28.762	19.363	1.342	27.121	1.489	0.486	0.00268219
IPI:IPI00642542.1	93.910	3.319	-0.056	0.42688612	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00642705.1	0.000	0.000	n/a	n/a	11	429.738	426.358	414.506	525.908	542.449	537.587	423.534	7.999	535.315	8.501	0.338	0.00008026
IPI:IPI00642798.1	71.084	2.909	0.234	0.08488425	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00642816.2	934.800	59.874	-0.024	0.74510539	8	455.600	467.389	448.936	455.999	454.486	457.710	457.308	9.344	456.065	1.613	-0.004	0.84383632
IPI:IPI00642862.1	126.253	4.189	-0.061	0.19220585	6	368.004	320.627	344.255	423.891	445.599	446.374	344.295	23.689	438.621	12.763	0.349	0.00838514
IPI:IPI00643041.3	1,441.703	48.561	-0.017	0.68959060	32	1,513.890	1,391.580	1,420.750	1,579.230	1,659.390	1,590.390	1,442.073	63.882	1,609.670	43.419	0.159	0.02496061

IPI:IPI00643141.1	DVL3	Segment polarity protein dishevelled homolog DVL-3	1	43.645	49.069	46.591	43.223	39.816	44.511	46.435	2.715
IPI:IPI00643365.2	UTP14C;ALG	Asparagine-linked glycosylation protein 11 homolog	6	229.570	257.287	220.628	301.953	259.616	297.327	235.828	19.114
IPI:IPI00643390.1	NUBP2	17 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00643522.1	RPS6	Ribosomal protein S6, isoform CRA_a	2	125.817	133.811	130.623	234.282	202.776	228.484	130.084	4.024
IPI:IPI00643554.1	RGS10	Isoform 3 of Regulator of G-protein signaling 10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00643628.1	ZMYM1	Zinc finger MYM-type protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00643664.1	STAU1	staufen isoform c	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00643920.3	TKT	cDNA FLJ54957, highly similar to Transketolase	21	1,262.860	1,297.940	1,321.810	1,412.750	1,355.180	1,368.510	1,294.203	29.652
IPI:IPI00643994.1	CAPN5	cDNA FLJ46245 fis, clone TESTI4020596, highly similar to Homo sapiens calpain 5	2	58.783	56.127	58.533	74.562	63.402	77.921	57.814	1.466
IPI:IPI00644020.1	SOAT1	Sterol O-acyltransferase (Acyl-Coenzyme A: cholesterol acyltransferase) 1	6	495.231	434.036	500.547	402.924	447.522	424.592	476.605	36.961
IPI:IPI00644055.3	HNRNPR	heterogeneous nuclear ribonucleoprotein R isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00644127.2	IARS	Isoleucyl-tRNA synthetase, cytoplasmic	39	2,351.010	2,435.230	2,271.230	2,837.090	2,782.140	2,894.090	2,352.490	82.010
IPI:IPI00644140.4	ELMO3	85 kDa protein	7	576.409	541.689	553.193	397.265	412.318	406.528	557.097	17.686
IPI:IPI00644231.3	CYFIP1	Isoform 1 of Cytoplasmic FMR1-interacting protein 1	9	543.545	511.991	556.998	552.653	583.372	535.916	537.511	23.102
IPI:IPI00644431.2	DDX39	cDNA FLJ55484, highly similar to ATP-dependent RNA helicase DDX39	2	79.707	82.603	83.081	77.698	88.066	83.485	81.797	1.826
IPI:IPI00644482.1	PSMG2	Proteasome assembly chaperone 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00644674.1	NUBP2	Nucleotide-binding protein 2	3	112.563	119.965	118.235	269.596	277.476	274.868	116.921	3.872
IPI:IPI00644697.2	HEBP2	HEBP2 protein (Fragment)	9	560.921	512.702	548.032	357.980	435.546	382.346	540.552	24.965
IPI:IPI00644712.4	XRCC6	ATP-dependent DNA helicase 2 subunit 1	40	3,439.830	3,448.190	3,347.910	3,061.750	3,131.460	3,126.460	3,411.977	55.641
IPI:IPI00644766.4	TOR1AIP1	Similar to Torsin-1A-interacting protein 1	10	705.630	698.327	698.095	732.146	738.278	724.252	700.684	4.285
IPI:IPI00644878.1	ROCK1	22 kDa protein	1	38.963	38.735	42.068	19.566	27.997	27.038	39.922	1.862
IPI:IPI00645022.2	INTS7	Isoform 2 of Integrator complex subunit 7	1	32.219	27.026	26.206	29.118	32.224	30.365	28.484	3.261
IPI:IPI00645078.1	UBA1	Ubiquitin-like modifier-activating enzyme 1	34	2,247.590	2,425.950	2,135.230	2,350.360	2,080.030	2,334.860	2,269.590	146.603
IPI:IPI00645172.1	CARKD	Isoform 2 of Carbohydrate kinase domain-containing protein	2	79.956	91.673	81.294	99.516	97.214	92.641	84.308	6.413
IPI:IPI00645179.3	MYPN	Isoform 1 of Myopalladin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00645310.1	CPNE2	Copine II	1	67.288	74.457	69.084	88.672	71.892	84.547	70.276	3.730
IPI:IPI00645403.3	KIAA1217	Isoform 1 of Sickle tail protein homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00645608.2	IRF2BP1	Interferon regulatory factor 2-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00645702.1	CTPS2	CTP synthase 2	4	225.267	204.161	217.197	246.100	262.861	251.363	215.542	10.650
IPI:IPI00645805.4	IVD	Isovaleryl-CoA dehydrogenase, mitochondrial	5	386.954	401.784	396.719	439.393	433.988	440.577	395.152	7.538
IPI:IPI00645814.1	MAP7D1	Isoform 2 of MAP7 domain-containing protein 1	6	138.064	138.375	136.868	121.155	117.859	131.865	137.769	0.796
IPI:IPI00646291.1	GPR180	Integral membrane protein GPR180	1	26.708	25.942	26.986	32.504	24.420	29.871	26.545	0.541
IPI:IPI00646294.2	RPUSD3	RNA pseudouridylate synthase domain containing 3 isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00646304.4	PPIB	Peptidyl-prolyl cis-trans isomerase B	49	3,085.500	3,020.180	3,068.150	3,297.320	3,327.980	3,133.350	3,057.943	33.835
IPI:IPI00646377.1	EIF4G3	Isoform 1 of Eukaryotic translation initiation factor 4 gamma 3	10	903.541	905.345	877.569	836.355	904.204	861.406	895.485	15.542
IPI:IPI00646410.2	AOF1	Isoform 2 of Flavin-containing amine oxidase domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00646541.1	TMEM200A	Transmembrane protein 200A	1	4.967	4.041	5.232	29.701	25.913	27.112	4.747	0.625
IPI:IPI00646625.1	TAP1	Antigen peptide transporter 1	2	24.017	32.250	22.833	34.549	25.469	35.179	26.367	5.130
IPI:IPI00646689.1	TXNDC17	Thioredoxin domain-containing protein 17	4	499.734	460.534	500.136	443.404	484.577	459.747	486.801	22.749
IPI:IPI00646748.1	TPM2	Tropomyosin 2	125	8,561.900	8,743.560	8,544.180	7,520.770	7,395.040	7,670.460	8,616.547	110.353
IPI:IPI00646767.1	NUDC	24 kDa protein	1	40.342	41.477	41.664	39.201	38.799	41.736	41.161	0.716
IPI:IPI00646773.2	GSN	Isoform 2 of Gelsolin	1	88.606	82.142	85.956	74.518	80.127	72.639	85.568	3.249
IPI:IPI00646857.3	MTX3	Isoform 1 of Metaxin-3	1	38.236	30.712	38.783	37.545	41.528	37.308	35.910	4.510
IPI:IPI00646917.1	NUDT21	Cleavage and polyadenylation specificity factor subunit 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00647082.1	TBC1D13	TBC1 domain family, member 13	1	61.862	55.903	69.062	70.145	70.797	73.825	62.276	6.589
IPI:IPI00647163.1	TCEAL4	Isoform 2 of Transcription elongation factor A protein-like 4	1	51.017	45.371	57.497	34.917	45.459	38.118	51.295	6.068
IPI:IPI00647217.2	SKIV2L2	Superkiller viralicidic activity 2-like 2	13	579.477	659.685	595.892	580.335	548.773	596.786	611.685	42.372
IPI:IPI00647556.2	GSN	gelsolin isoform c	39	2,838.710	2,930.840	2,831.580	2,997.180	2,916.860	2,807.070	2,867.043	55.364
IPI:IPI00647635.3	GIGYF2	Isoform 2 of PERQ amino acid-rich with GYF domain-containing protein 2	2	102.600	97.841	108.128	100.797	108.800	98.588	102.856	5.148
IPI:IPI00647650.3	EIF3H	Eukaryotic translation initiation factor 3, subunit 3 gamma, 40kDa, isoform CRA_b	12	486.278	515.677	487.453	526.684	495.507	515.000	496.469	16.645
IPI:IPI00651653.1	DDX17	Isoform 3 of Probable ATP-dependent RNA helicase DDX17	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00643141.1	42.517	2.426	-0.127	0.13668501	2	80.950	71.939	85.298	111.762	113.615	108.263	79.395	6.814	111.213	2.718	0.486	0.00767942
IPI:IPI00643365.2	286.299	23.223	0.280	0.04588512	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00643390.1	0.000	0.000	n/a	n/a	1	101.541	94.405	96.402	98.994	108.543	102.016	97.449	3.682	103.184	4.881	0.083	0.18503024
IPI:IPI00643522.1	221.847	16.769	0.770	0.00810630	3	218.746	230.075	217.855	43.384	46.181	45.177	222.225	6.813	44.914	1.417	-2.307	0.00030192
IPI:IPI00643554.1	0.000	0.000	n/a	n/a	15	714.652	715.639	737.375	742.783	751.152	744.029	722.555	12.844	745.988	4.515	0.046	0.07409586
IPI:IPI00643628.1	0.000	0.000	n/a	n/a	2	68.089	65.404	66.076	80.003	92.421	86.040	66.523	1.397	86.154	6.210	0.373	0.02699902
IPI:IPI00643664.1	0.000	0.000	n/a	n/a	1	36.578	40.366	37.050	15.375	11.501	16.319	37.998	2.064	14.398	2.554	-1.400	0.00030705
IPI:IPI00643920.3	1,378.813	30.136	0.091	0.02571845	66	2,623.200	2,553.510	2,639.310	3,405.000	3,653.480	3,430.520	2,605.340	45.603	3,496.333	136.690	0.424	0.00416531
IPI:IPI00643994.1	71.962	7.601	0.316	0.07934676	1	96.036	99.925	106.119	32.630	39.858	31.979	100.693	5.085	34.822	4.373	-1.532	0.00008309
IPI:IPI00644020.1	425.013	22.302	-0.165	0.12261015	12	494.484	459.652	490.223	589.846	609.718	584.771	481.453	19.000	594.778	13.185	0.305	0.00173358
IPI:IPI00644055.3	0.000	0.000	n/a	n/a	1	27.601	27.561	27.272	37.547	28.928	39.680	27.478	0.180	35.385	5.693	0.365	0.13829496
IPI:IPI00644127.2	2,837.773	55.978	0.271	0.00183272	28	1,496.090	1,610.270	1,463.510	1,124.060	1,024.380	1,126.290	1,523.290	77.068	1,091.577	58.205	-0.481	0.00200533
IPI:IPI00644140.4	405.370	7.593	-0.459	0.00140565	3	234.257	195.951	239.986	77.676	100.556	92.271	223.398	23.942	90.168	11.584	-1.309	0.00373015
IPI:IPI00644231.3	557.314	24.069	0.052	0.36241435	5	277.058	264.139	262.626	256.272	244.746	256.575	267.941	7.932	252.531	6.744	-0.085	0.06402504
IPI:IPI00644431.2	83.083	5.196	0.023	0.71874352	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00644482.1	0.000	0.000	n/a	n/a	3	97.257	101.698	92.686	119.643	117.256	116.669	97.214	4.506	117.856	1.575	0.278	0.00920958
IPI:IPI00644674.1	273.980	4.014	1.229	0.00000122	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00644697.2	391.957	39.666	-0.464	0.00871676	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00644712.4	3,106.557	38.884	-0.135	0.00228536	71	3,918.010	4,040.190	3,918.950	3,776.510	3,597.000	3,699.580	3,959.050	70.271	3,691.030	90.060	-0.101	0.01718848
IPI:IPI00644766.4	731.559	7.031	0.062	0.00547436	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00644878.1	24.867	4.616	-0.683	0.01859822	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00645022.2	30.569	1.563	0.102	0.39473726	1	40.479	39.647	43.146	41.486	40.982	41.032	41.091	1.828	41.167	0.278	0.003	0.95188284
IPI:IPI00645078.1	2,255.083	151.799	-0.009	0.91108102	49	1,857.490	1,948.310	1,833.680	2,138.490	2,082.720	2,082.410	1,879.827	60.491	2,101.207	32.289	0.161	0.01076898
IPI:IPI00645172.1	96.457	3.499	0.194	0.06124445	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00645179.3	0.000	0.000	n/a	n/a	8	335.521	334.013	345.021	478.524	467.087	464.957	338.185	5.968	470.189	7.296	0.475	0.00002376
IPI:IPI00645310.1	81.703	8.744	0.217	0.13878704	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00645403.3	0.000	0.000	n/a	n/a	2	47.891	53.056	46.940	44.568	46.528	43.646	49.295	3.291	44.914	1.472	-0.134	0.13497582
IPI:IPI00645608.2	0.000	0.000	n/a	n/a	1	18.983	20.691	21.766	28.352	37.309	28.858	20.480	1.404	31.506	5.031	0.621	0.05400333
IPI:IPI00645702.1	253.441	8.572	0.234	0.00966424	1	27.617	24.315	22.904	36.931	37.613	36.653	24.945	2.419	37.066	0.494	0.571	0.01060320
IPI:IPI00645805.4	437.986	3.513	0.148	0.00372701	24	1,276.290	1,329.880	1,257.470	1,034.680	961.171	1,009.390	1,287.880	37.571	1,001.747	37.346	-0.362	0.00073016
IPI:IPI00645814.1	123.626	7.323	-0.156	0.07792309	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00646291.1	28.932	4.123	0.124	0.42204799	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00646294.2	0.000	0.000	n/a	n/a	1	31.379	29.593	27.818	43.798	41.629	49.033	29.597	1.781	44.820	3.806	0.599	0.00966952
IPI:IPI00646304.4	3,252.883	104.648	0.089	0.07253719	75	4,182.620	3,921.090	4,121.820	3,392.070	3,607.130	3,415.850	4,075.177	136.862	3,471.683	117.901	-0.231	0.00475618
IPI:IPI00646377.1	867.322	34.309	-0.046	0.29267516	10	387.353	394.199	378.435	437.809	441.306	423.311	386.662	7.905	434.142	9.541	0.167	0.00301400
IPI:IPI00646410.2	0.000	0.000	n/a	n/a	1	27.663	26.751	27.240	41.291	55.102	42.527	27.218	0.456	46.307	7.642	0.767	0.04903190
IPI:IPI00646541.1	27.575	1.936	2.538	0.00104867	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00646625.1	31.732	5.433	0.267	0.28211216	1	17.335	14.219	16.436	20.751	25.223	20.203	15.997	1.604	22.059	2.754	0.464	0.04147492
IPI:IPI00646689.1	462.576	20.732	-0.074	0.24535845	8	353.775	333.546	346.175	402.746	415.085	404.732	344.499	10.218	407.521	6.625	0.242	0.00169618
IPI:IPI00646748.1	7,528.757	137.884	-0.195	0.00056394	30	2,098.800	2,079.620	2,120.090	1,065.110	1,166.890	1,105.590	2,099.503	20.244	1,112.530	51.244	-0.916	0.00020119
IPI:IPI00646767.1	39.912	1.592	-0.044	0.30979896	1	69.203	75.309	71.542	37.467	36.982	42.152	72.018	3.081	38.867	2.855	-0.890	0.00017456
IPI:IPI00646773.2	75.761	3.896	-0.176	0.03003881	1	100.252	110.187	102.605	87.323	77.851	88.911	104.348	5.192	84.695	5.980	-0.301	0.01322482
IPI:IPI00646857.3	38.794	2.371	0.111	0.39890393	2	152.424	130.428	154.570	71.282	94.345	84.832	145.807	13.362	83.486	11.590	-0.804	0.00389067
IPI:IPI00646917.1	0.000	0.000	n/a	n/a	2	48.901	50.575	51.673	22.711	32.647	27.082	50.383	1.396	27.480	4.980	-0.875	0.01083319
IPI:IPI00647082.1	71.589	1.964	0.201	0.12486123	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00647163.1	39.498	5.405	-0.377	0.06670700	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00647217.2	575.298	24.400	-0.088	0.28290405	32	1,238.920	1,291.480	1,261.470	1,472.410	1,477.010	1,463.200	1,263.957	26.368	1,470.873	7.032	0.219	0.00336870
IPI:IPI00647556.2	2,907.037	95.435	0.020	0.57348079	54	2,254.250	2,292.890	2,202.150	2,110.780	2,170.230	2,141.260	2,249.763	45.536	2,140.757	29.728	-0.072	0.03248122
IPI:IPI00647635.3	102.728	5.373	-0.002	0.97786101	9	614.245	636.649	602.113	930.671	856.911	909.100	617.669	17.521	898.894	37.924	0.541	0.00181554
IPI:IPI00647650.3	512.397	15.751	0.046	0.29535516	17	541.532	551.381	509.046	665.561	613.002	674.358	533.986	22.153	650.974	33.177	0.286	0.01019327
IPI:IPI00651653.1	0.000	0.000	n/a	n/a	42	1,667.460	1,562.260	1,644.770	1,673.280	1,816.710	1,728.000	1,624.830	55.362	1,739.330	72.383	0.098	0.09994016

IPI:IPI00651713.2	SMAGP	Small transmembrane and glycosylated protein	1	3.726	0.000	2.192	1.555	2.667	2.632	1.973	1.873
IPI:IPI00651738.1	ADI1	Isoform 1 of 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase	1	152.421	180.171	149.633	105.208	77.064	105.113	160.742	16.884
IPI:IPI00654555.3	NOP2	NOP2 protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00654654.1	MRPS33	MRPS33 protein (Fragment)	2	168.231	159.590	172.658	166.082	187.225	171.742	166.826	6.646
IPI:IPI00654703.3	SBF2	Myotubularin-related protein 13	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00654743.2	USP19	Isoform 2 of Ubiquitin carboxyl-terminal hydrolase 19	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00654777.2	EIF3F	HCG1784554, isoform CRA_a	2	144.351	105.445	165.089	51.366	57.341	54.921	138.295	30.280
IPI:IPI00654865.2	DIP2A	Isoform 1 of Disco-interacting protein 2 homolog A	1	17.747	15.976	15.271	15.145	19.100	16.545	16.331	1.276
IPI:IPI00655865.5	DIAPH3	Isoform 2 of Protein diaphanous homolog 3	3	281.220	263.526	280.989	159.916	172.182	160.998	275.245	10.150
IPI:IPI00656016.1	RAPH1	Isoform RMO1 of Ras-associated and pleckstrin homology domains-containing protein 1	6	172.518	157.143	167.720	182.228	200.760	195.580	165.794	7.866
IPI:IPI00656021.2	VPS53	vacuolar protein sorting 53 isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00657645.1	XRN1	Isoform 2 of 5'-3' exoribonuclease 1	5	293.013	264.593	299.054	245.842	301.657	266.224	285.553	18.402
IPI:IPI00657687.1	ANLN	Isoform 1 of Actin-binding protein anillin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00657706.1	MBOAT7	Isoform 1 of Lysophospholipid acyltransferase 7	3	145.215	160.775	142.069	178.551	160.503	180.797	149.353	10.016
IPI:IPI00657757.1	ZKSCAN1	Zinc finger protein with KRAB and SCAN domains 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00657953.2	TRIO	triple functional domain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00658000.2	IGF2BP3	Isoform 1 of Insulin-like growth factor 2 mRNA-binding protein 3	17	899.749	953.648	915.803	1,158.230	1,077.170	1,190.030	923.067	27.674
IPI:IPI00658152.1	TNS3	Isoform 1 of Tensin-3	11	477.647	472.993	489.340	560.278	565.346	577.955	479.993	8.422
IPI:IPI00719051.3	-	82 kDa protein	7	582.676	556.425	556.439	578.576	621.724	621.671	565.180	15.152
IPI:IPI00719600.5	CYFIP2	Isoform 2 of Cytoplasmic FMR1-interacting protein 2	1	33.316	28.509	34.482	31.668	42.276	34.487	32.102	3.166
IPI:IPI00719690.3	SAMD9L	Isoform 1 of Sterile alpha motif domain-containing protein 9-like	1	5.748	8.307	7.653	6.266	6.264	6.290	7.236	1.330
IPI:IPI00736251.2	PPM1H	Protein phosphatase 1H	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00737545.4	SGK269	Tyrosine-protein kinase SgK269	6	253.091	270.326	270.607	271.094	248.457	271.067	264.675	10.033
IPI:IPI00737638.2	FAM169A	Isoform 1 of UPF0611 protein FAM169A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00737871.2	KIAA0754	hypothetical protein LOC643314	4	120.183	119.610	115.588	110.803	107.836	101.059	118.460	2.504
IPI:IPI00739099.2	COL5A2	Collagen alpha-2(V) chain	9	502.016	562.763	502.559	896.461	675.325	761.844	522.446	34.917
IPI:IPI00739386.4	PRAGMIN	Tyrosine-protein kinase SgK223	2	7.116	7.240	8.920	12.153	12.730	11.397	7.759	1.007
IPI:IPI00739539.6	LOC727848;	POTE ankyrin domain family member F	25	236.493	339.251	231.682	345.163	229.103	341.025	269.142	60.764
IPI:IPI00740019.2	CCDC88C	Isoform 1 of Protein Daple	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00740027.1	BET1	BET1 homolog	1	25.850	24.923	29.750	31.823	26.685	29.541	26.841	2.562
IPI:IPI00741005.5	MGA	Isoform 1 of MAX gene-associated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00741524.3	THSD7A	Thrombospondin type-1 domain-containing protein 7A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00741537.3	BAT2L	HLA-B associated transcript 2-like	4	144.459	158.520	152.217	177.640	169.237	179.307	151.732	7.043
IPI:IPI00741630.4	WIZ	cDNA FLJ16541 fis, clone OCBBF2034823, highly similar to Mus musculus widely-interspaced zinc finger motifs (Wiz), transcript variant 1, mRNA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00741958.1	BEND3	BEN domain-containing protein 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00742124.2	UBXN7	UBX domain-containing protein 7	1	3.077	0.000	3.018	2.423	0.000	4.774	2.032	1.760
IPI:IPI00742682.2	TPR	Nucleoprotein TPR	44	2,476.850	2,504.330	2,457.640	2,296.020	2,194.460	2,321.660	2,479.607	23.467
IPI:IPI00742944.2	FMN2	Formin-2	2	40.978	34.833	31.864	31.714	37.057	42.136	35.892	4.648
IPI:IPI00742996.2	RNF214	RING finger protein 214	4	215.551	205.498	213.636	195.746	203.407	203.822	211.562	5.338
IPI:IPI00743104.2	ITGA1	Integrin alpha-1	24	1,291.240	1,295.570	1,248.370	1,327.200	1,323.110	1,258.630	1,278.393	26.091
IPI:IPI00743121.2	SMPD4	sphingomyelin phosphodiesterase 4 isoform 1	1	43.604	40.088	41.526	37.762	40.235	42.440	41.739	1.768
IPI:IPI00743284.2	MTR	Methionine synthase	2	84.681	85.185	76.041	71.204	72.015	78.000	81.969	5.140
IPI:IPI00743360.2	CALCOCO2	Calcium-binding and coiled-coil domain-containing protein 2	19	627.602	621.042	611.703	1,776.450	1,605.030	1,737.540	620.116	7.990
IPI:IPI00743576.1	ATP6V0A1	Isoform 2 of V-type proton ATPase 116 kDa subunit a isoform 1	4	216.760	231.589	213.497	361.543	315.805	363.351	220.615	9.643
IPI:IPI00743623.2	AK5	Putative uncharacterized protein	1	16.577	16.898	15.209	16.499	16.311	19.827	16.228	0.897
IPI:IPI00743663.3	TRAF6	TNF receptor-associated factor 6	1	49.825	40.660	49.283	43.432	49.887	46.110	46.589	5.142
IPI:IPI00743696.1	COL4A1	Putative uncharacterized protein COL4A1	4	194.526	188.885	202.931	116.683	100.460	120.877	195.447	7.068
IPI:IPI00743772.2	COMMD7	COMM domain-containing protein 7	2	198.697	187.519	182.477	210.399	221.241	214.746	189.564	8.301
IPI:IPI00743888.2	TMUB2	Isoform 1 of Transmembrane and ubiquitin-like domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00743931.3	GORASP2	cDNA FLJ59712, highly similar to Golgi reassembly-stacking protein 2	5	186.527	180.650	187.763	178.049	196.165	201.215	184.980	3.800
IPI:IPI00743955.4	URG4	up-regulated gene 4 isoform 2	1	75.264	75.058	75.421	75.423	76.028	80.535	75.247	0.182

IPI:IPI00651713.2	2.285	0.632	0.212	0.80670326	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00651738.1	95.795	16.222	-0.747	0.00868156	3	194.741	234.006	189.870	176.191	150.534	174.212	206.206	24.199	166.979	14.276	-0.304	0.08794480
IPI:IPI00654555.3	0.000	0.000	n/a	n/a	22	1,209.920	1,128.040	1,200.040	1,463.610	1,526.620	1,454.040	1,179.333	44.695	1,481.423	39.433	0.329	0.00099637
IPI:IPI00654654.1	175.016	10.945	0.069	0.34245934	1	60.800	58.543	66.813	59.992	63.073	57.844	62.052	4.275	60.303	2.628	-0.041	0.58494338
IPI:IPI00654703.3	0.000	0.000	n/a	n/a	4	96.553	98.795	108.463	92.006	95.590	81.392	101.270	6.329	89.663	7.384	-0.176	0.10939183
IPI:IPI00654743.2	0.000	0.000	n/a	n/a	5	50.409	44.635	49.508	59.091	70.342	58.960	48.184	3.106	62.798	6.534	0.382	0.04264476
IPI:IPI00654777.2	54.543	3.005	-1.342	0.03978918	3	76.085	85.560	72.096	118.761	93.167	110.439	77.913	6.916	107.456	13.055	0.464	0.03974910
IPI:IPI00654865.2	16.930	2.006	0.052	0.68944543	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00655865.5	164.365	6.791	-0.744	0.00023071	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00656016.1	192.856	9.562	0.218	0.02067054	3	193.891	203.838	193.539	188.918	176.889	186.805	197.089	5.847	184.204	6.422	-0.098	0.06264568
IPI:IPI00656021.2	0.000	0.000	n/a	n/a	2	34.456	33.645	37.692	20.001	25.249	23.047	35.264	2.141	22.766	2.635	-0.631	0.00357282
IPI:IPI00657645.1	271.241	28.244	-0.074	0.50998261	1	46.920	36.593	43.839	50.003	62.424	48.179	42.450	5.302	53.535	7.752	0.335	0.11965401
IPI:IPI00657687.1	0.000	0.000	n/a	n/a	28	1,604.360	1,603.330	1,553.050	1,098.570	1,138.310	1,132.120	1,586.913	29.331	1,123.000	21.382	-0.499	0.00004973
IPI:IPI00657706.1	173.284	11.125	0.214	0.05121613	8	372.531	394.826	378.256	548.759	501.148	520.929	381.871	11.579	523.612	23.919	0.455	0.00312257
IPI:IPI00657757.1	0.000	0.000	n/a	n/a	3	100.225	117.168	99.181	205.077	161.589	207.567	105.525	10.097	191.411	25.857	0.859	0.01824459
IPI:IPI00657953.2	0.000	0.000	n/a	n/a	10	363.678	353.951	368.569	442.063	456.889	444.762	362.066	7.441	447.905	7.897	0.307	0.00017185
IPI:IPI00658000.2	1,141.810	58.194	0.307	0.01125087	42	1,919.970	1,924.230	1,919.500	2,406.140	2,280.330	2,367.420	1,921.233	2.606	2,351.297	64.436	0.291	0.00733713
IPI:IPI00658152.1	567.860	9.103	0.243	0.00026486	36	957.078	945.791	986.992	1,190.240	1,267.600	1,196.990	963.287	21.291	1,218.277	42.848	0.339	0.00296050
IPI:IPI00719051.3	607.324	24.896	0.104	0.07983592	3	418.261	396.845	400.899	150.504	198.415	157.812	405.335	11.376	168.910	25.812	-1.263	0.00111599
IPI:IPI00719600.5	36.143	5.495	0.171	0.34615124	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00719690.3	6.273	0.014	-0.206	0.33676478	1	16.402	19.155	20.514	3.619	4.785	6.196	18.690	2.095	4.867	1.290	-1.941	0.00147874
IPI:IPI00736251.2	0.000	0.000	n/a	n/a	1	13.362	11.892	13.456	15.403	19.060	13.349	12.903	0.877	15.937	2.893	0.305	0.20525184
IPI:IPI00737545.4	263.539	13.062	-0.006	0.91266414	3	105.596	102.927	108.343	121.472	123.677	121.362	105.622	2.708	122.170	1.306	0.210	0.00288340
IPI:IPI00737638.2	0.000	0.000	n/a	n/a	5	159.093	159.230	141.928	176.402	173.710	167.509	153.417	9.950	172.540	4.560	0.169	0.06167976
IPI:IPI00737871.2	106.566	4.995	-0.153	0.03570574	4	137.360	136.277	136.670	131.443	123.328	128.938	136.769	0.548	127.903	4.155	-0.097	0.06371236
IPI:IPI00739099.2	777.877	111.436	0.574	0.04776428	5	94.820	89.711	100.812	163.277	170.652	175.652	95.114	5.557	169.860	6.225	0.837	0.00010979
IPI:IPI00739386.4	12.094	0.668	0.640	0.00540344	2	100.133	101.230	117.487	97.417	106.238	97.337	106.283	9.718	100.331	5.116	-0.083	0.41673661
IPI:IPI00739539.6	305.097	65.845	0.181	0.52585343	1	6.054	5.422	5.755	3.292	2.400	3.772	5.744	0.316	3.155	0.697	-0.864	0.01209428
IPI:IPI00740019.2	0.000	0.000	n/a	n/a	2	82.697	79.978	81.385	80.419	81.686	88.935	81.353	1.359	83.680	4.595	0.041	0.47746484
IPI:IPI00740027.1	29.350	2.575	0.129	0.29776965	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00741005.5	0.000	0.000	n/a	n/a	11	247.803	245.406	244.767	263.041	267.695	253.382	245.992	1.601	261.373	7.301	0.087	0.06157667
IPI:IPI00741524.3	0.000	0.000	n/a	n/a	2	30.581	34.865	35.263	47.945	38.881	46.901	33.570	2.596	44.576	4.959	0.409	0.04193832
IPI:IPI00741537.3	175.395	5.397	0.209	0.01155303	5	162.815	133.738	166.238	150.771	160.141	150.575	154.264	17.858	153.829	5.467	-0.004	0.97102643
IPI:IPI00741630.4	0.000	0.000	n/a	n/a	1	47.911	49.140	46.420	27.702	25.181	22.073	47.824	1.362	24.985	2.819	-0.937	0.00129669
IPI:IPI00741958.1	0.000	0.000	n/a	n/a	1	15.397	17.518	16.131	20.084	16.946	19.483	16.348	1.077	18.838	1.666	0.204	0.10721564
IPI:IPI00742124.2	2.399	2.387	0.240	0.84191211	5	137.626	122.091	134.545	142.742	156.865	146.424	131.421	8.225	148.677	7.326	0.178	0.05414341
IPI:IPI00742682.2	2,270.713	67.270	-0.127	0.02309600	136	5,698.930	5,633.110	5,685.910	6,631.300	6,636.790	6,618.340	5,672.650	34.856	6,628.810	9.474	0.225	0.00018961
IPI:IPI00742944.2	36.969	5.212	0.043	0.80276549	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00742996.2	200.992	4.548	-0.074	0.06088876	8	249.966	257.649	245.572	354.915	322.989	347.775	251.062	6.113	341.893	16.756	0.445	0.00584774
IPI:IPI00743104.2	1,302.980	38.463	0.027	0.41855518	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00743121.2	40.146	2.340	-0.056	0.40389822	3	171.983	174.755	180.687	125.939	134.790	134.387	175.808	4.447	131.705	4.998	-0.417	0.00036173
IPI:IPI00743284.2	73.740	3.712	-0.153	0.09462660	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00743360.2	1,706.340	89.868	1.460	0.00212859	22	657.458	664.142	663.225	1,051.070	1,082.380	1,031.070	661.608	3.623	1,054.840	25.862	0.673	0.00120964
IPI:IPI00743576.1	346.900	26.944	0.653	0.00851469	4	39.121	35.510	36.809	28.171	35.079	31.382	37.146	1.829	31.544	3.457	-0.236	0.08815862
IPI:IPI00743623.2	17.546	1.978	0.113	0.37605845	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00743663.3	46.476	3.243	-0.004	0.97676724	1	87.492	95.637	94.689	63.174	65.753	61.938	92.606	4.454	63.622	1.946	-0.542	0.00287787
IPI:IPI00743696.1	112.673	10.783	-0.795	0.00081101	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00743772.2	215.462	5.456	0.185	0.01495420	2	163.387	162.064	159.511	136.259	137.830	132.617	161.654	1.970	135.569	2.674	-0.254	0.00028081
IPI:IPI00743888.2	0.000	0.000	n/a	n/a	3	82.928	85.736	77.832	73.116	86.253	74.424	82.165	4.007	77.931	7.237	-0.076	0.43883137
IPI:IPI00743931.3	191.810	12.182	0.052	0.43808501	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00743955.4	77.328	2.793	0.039	0.32626745	1	23.842	31.020	22.697	65.801	49.429	57.233	25.853	4.511	57.488	8.189	1.153	0.00895941

IPI:IPI00744194.1	-	ATPase, P-type, K/Mg/Cd/Cu/Zn/Na/Ca/Na/H-transporter family protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00744598.2	POLE	DNA polymerase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00744627.1	PECR	Peroxisomal trans-2-enoyl-CoA reductase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00744648.1	SPAG9	Isoform 1 of C-jun-amino-terminal kinase-interacting protein 4	21	1,305.090	1,367.480	1,339.330	1,615.900	1,513.710	1,530.350	1,337.300	31.244
IPI:IPI00744692.1	TALDO1	Transaldolase	24	2,173.830	2,322.880	2,088.510	2,682.600	2,458.070	2,701.240	2,195.073	118.620
IPI:IPI00744702.2	FAM125A	Isoform 1 of Multivesicular body subunit 12A	1	52.990	60.971	53.434	59.693	60.935	64.547	55.798	4.485
IPI:IPI00744706.2	SPTAN1	cDNA FLJ61399, highly similar to Spectrin alpha chain, brain	1	33.752	28.013	35.126	20.946	26.265	22.671	32.297	3.773
IPI:IPI00744711.2	PNPT1	Polyribonucleotide nucleotidyltransferase 1, mitochondrial	3	401.755	371.333	409.485	395.980	452.505	428.540	394.191	20.169
IPI:IPI00744772.2	MRPS17	28S ribosomal protein S17, mitochondrial	2	81.011	78.235	82.735	87.809	85.164	88.012	80.661	2.270
IPI:IPI00744834.2	STX5	Isoform 1 of Syntaxin-5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00745038.3	LRCH2	Leucine-rich repeat and calponin homology domain-containing protein 2	1	51.907	58.059	48.372	97.456	78.245	90.907	52.779	4.902
IPI:IPI00745182.1	PLCG1	Putative uncharacterized protein DKFZp434N101 (Fragment)	1	39.851	37.086	49.310	39.007	50.834	45.120	42.082	6.410
IPI:IPI00745419.2	UROS	Uroporphyrinogen III synthase	1	15.190	15.774	12.613	14.189	15.496	11.325	14.526	1.682
IPI:IPI00745433.2	EIF2C2	Isoform 1 of Protein argonaute-2	3	222.127	221.874	208.468	260.891	240.839	261.759	217.490	7.814
IPI:IPI00745471.2	SYNE1	Spectrin-like protein of the nuclear envelope and Golgi	1	88.836	81.216	102.426	94.667	126.720	96.038	90.826	10.744
IPI:IPI00745568.2	TIPRL	Isoform 1 of TIP41-like protein	2	199.446	219.880	181.638	220.538	201.714	209.669	200.321	19.136
IPI:IPI00745792.1	NMRAL1	NmrA-like family protein	1	28.311	24.285	24.193	31.862	29.097	28.673	25.597	2.351
IPI:IPI00745793.1	CCNB1	G2/mitotic-specific cyclin-B1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00745955.4	EBNA1BP2	Probable rRNA-processing protein EBP2	8	558.899	563.461	526.501	594.598	511.956	586.248	549.620	20.151
IPI:IPI00745978.3	C3orf63	Isoform 2 of Uncharacterized protein C3orf63	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00746165.2	WDR1	Isoform 1 of WD repeat-containing protein 1	47	3,350.590	3,332.280	3,243.200	3,328.890	3,394.250	3,223.740	3,308.690	57.450
IPI:IPI00746221.2	LOC348262	hypothetical protein LOC348262	3	400.397	396.072	385.306	378.533	345.500	392.989	393.925	7.771
IPI:IPI00746256.2	KATNB1	Katanin p80 WD40-containing subunit B1	4	157.097	141.754	172.234	204.794	255.948	222.236	157.028	15.240
IPI:IPI00746337.1	PMS2	Isoform 1 of Mismatch repair endonuclease PMS2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00746411.3	SNX30	Sorting nexin family member 30	2	126.406	151.833	131.042	173.079	141.876	165.863	136.427	13.542
IPI:IPI00746451.2	UBE2A	Ubiquitin-conjugating enzyme E2 A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00746684.4	DOCK5	Isoform 1 of Dedicator of cytokinesis protein 5	13	884.970	889.651	883.483	835.114	875.609	866.085	886.035	3.219
IPI:IPI00746777.3	ADH5;ADH5P	Alcohol dehydrogenase class-3	28	1,817.180	1,941.930	1,709.690	2,832.570	2,312.930	2,698.270	1,822.933	116.227
IPI:IPI00747053.2	ERCC3	TFIIH basal transcription factor complex helicase XPB subunit	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00747200.2	C6orf203	Uncharacterized protein C6orf203	2	134.626	124.400	145.430	143.473	160.747	154.368	134.819	10.516
IPI:IPI00747748.1	PPP3CA	Isoform 2 of Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform	10	676.316	610.640	608.864	687.383	679.059	659.314	631.940	38.441
IPI:IPI00747764.3	KPNA6	cDNA FLJ53229, highly similar to Importin alpha-7 subunit	3	191.304	197.323	189.464	192.289	183.076	193.098	192.697	4.111
IPI:IPI00747787.2	NCAPD3	Condensin-2 complex subunit D3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00747849.2	ATP1B1	Isoform 1 of Sodium/potassium-transporting ATPase subunit beta-1	10	558.861	499.291	555.345	531.937	586.034	533.918	537.832	33.424
IPI:IPI00748037.2	NAPB	cDNA FLJ52546, highly similar to Beta-soluble NSF attachment protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00748143.2	ECT2	Isoform 1 of Protein ECT2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00748303.3	ZFR	Putative uncharacterized protein ZFR	12	828.829	804.200	842.500	841.012	819.943	849.390	825.176	19.410
IPI:IPI00748342.2	BECN1	Beclin-1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00748360.2	KIAA1797	Uncharacterized protein KIAA1797	1	35.897	44.620	41.217	39.359	30.431	39.495	40.578	4.397
IPI:IPI00748502.2	CRTAP	Cartilage-associated protein	7	570.210	510.032	567.534	584.124	668.747	595.520	549.259	33.998
IPI:IPI00748744.2	SLC6A6	solute carrier family 6 (neurotransmitter transporter, taurine), member 6 isoform b	1	15.460	16.466	14.199	23.828	26.882	27.236	15.375	1.136
IPI:IPI00748788.2	MTM1	Myotubularin	1	121.115	114.158	119.178	131.256	129.887	131.210	118.150	3.591
IPI:IPI00748807.2	NUP160	Isoform 1 of Nuclear pore complex protein Nup160	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00749454.5	RFTN1	cDNA FLJ56561	14	772.838	717.668	748.832	718.431	722.328	718.601	746.446	27.662
IPI:IPI00759472.1	INCENP	Isoform 2 of Inner centromere protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00759479.2	IQSEC2	Isoform 1 of IQ motif and SEC7 domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00760837.2	FAM98B	family with sequence similarity 98, member B isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00760846.1	MYO18A	Isoform 1 of Myosin-XVIIIa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00760877.2	BDP1	Isoform 1 of Transcription factor TFIIIB component B'' homolog	1	93.318	102.231	97.211	101.697	112.197	107.083	97.587	4.468
IPI:IPI00760958.3	PATL1	Isoform 2 of Protein PAT1 homolog 1	4	318.515	347.333	298.650	407.628	347.560	415.941	321.499	24.478
IPI:IPI00761035.1	CAST	calpastatin isoform g	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00744194.1	0.000	0.000	n/a	n/a	5	199.721	199.788	214.032	246.834	271.307	240.721	204.514	8.243	252.954	16.185	0.307	0.01950340
IPI:IPI00744598.2	0.000	0.000	n/a	n/a	2	49.679	41.563	46.050	57.486	64.394	53.557	45.764	4.066	58.479	5.486	0.354	0.03620225
IPI:IPI00744627.1	0.000	0.000	n/a	n/a	4	178.096	191.788	181.987	160.041	143.095	159.383	183.957	7.055	154.173	9.599	-0.255	0.01486438
IPI:IPI00744648.1	1,553.320	54.831	0.216	0.00825807	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00744692.1	2,613.970	135.335	0.252	0.01626905	33	1,833.480	1,959.010	1,835.620	2,010.000	1,878.290	1,957.150	1,876.037	71.865	1,948.480	66.282	0.055	0.26965338
IPI:IPI00744702.2	61.725	2.522	0.146	0.13568925	4	66.172	67.748	69.873	90.469	92.658	82.611	67.931	1.857	88.579	5.283	0.383	0.01337800
IPI:IPI00744706.2	23.294	2.714	-0.471	0.03293714	156	7,203.180	7,058.840	7,344.640	5,208.910	5,370.920	5,275.620	7,202.220	142.902	5,285.150	81.424	-0.446	0.00018509
IPI:IPI00744711.2	425.675	28.371	0.111	0.20016437	21	825.433	841.018	819.709	843.225	805.619	840.977	828.720	11.028	829.940	21.093	0.002	0.93537570
IPI:IPI00744772.2	86.995	1.589	0.109	0.02066702	9	409.027	383.800	414.227	356.306	366.530	343.446	402.351	16.275	355.427	11.567	-0.179	0.01870995
IPI:IPI00744834.2	0.000	0.000	n/a	n/a	5	352.981	308.077	363.333	266.300	317.393	290.803	341.464	29.373	291.499	25.554	-0.228	0.09184042
IPI:IPI00745038.3	88.869	9.766	0.752	0.01112532	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00745182.1	44.987	5.915	0.096	0.59541861	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00745419.2	13.670	2.133	-0.088	0.61639175	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00745433.2	254.496	11.836	0.227	0.01483286	1	41.100	38.929	47.856	43.713	47.433	45.394	42.629	4.656	45.513	1.863	0.094	0.40268875
IPI:IPI00745471.2	105.808	18.123	0.220	0.29972534	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00745568.2	210.640	9.450	0.072	0.46566448	10	422.309	471.946	443.248	721.014	631.083	678.623	445.834	24.919	676.907	44.990	0.602	0.00385550
IPI:IPI00745792.1	29.877	1.732	0.223	0.06956369	3	158.438	148.391	156.513	222.111	236.020	218.661	154.447	5.333	225.597	9.190	0.547	0.00100095
IPI:IPI00745793.1	0.000	0.000	n/a	n/a	5	170.819	150.956	155.870	191.567	197.410	206.304	159.215	10.345	198.427	7.421	0.318	0.00780890
IPI:IPI00745955.4	564.267	45.495	0.038	0.64918698	8	556.865	581.437	583.561	548.410	539.165	559.836	573.954	14.838	549.137	10.355	-0.064	0.08421205
IPI:IPI00745978.3	0.000	0.000	n/a	n/a	1	46.926	45.752	46.833	57.088	48.643	55.699	46.504	0.652	53.810	4.528	0.211	0.10515026
IPI:IPI00746165.2	3,315.627	86.025	0.003	0.91401085	47	1,990.850	2,003.610	1,973.280	1,766.140	1,815.290	1,785.140	1,989.247	15.228	1,788.857	24.785	-0.153	0.00076888
IPI:IPI00746221.2	372.341	24.343	-0.081	0.26153075	1	94.863	134.445	89.328	55.299	37.391	51.455	106.212	24.607	48.048	9.428	-1.144	0.04106474
IPI:IPI00746256.2	227.659	26.005	0.536	0.02347292	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00746337.1	0.000	0.000	n/a	n/a	8	283.145	270.525	283.016	377.331	422.908	382.790	278.895	7.249	394.343	24.888	0.500	0.01035647
IPI:IPI00746411.3	160.273	16.335	0.232	0.12629698	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00746451.2	0.000	0.000	n/a	n/a	2	40.328	39.099	41.527	51.162	53.883	41.766	40.318	1.214	48.937	6.357	0.280	0.13898183
IPI:IPI00746684.4	858.936	21.173	-0.045	0.15443906	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00746777.3	2,614.590	269.737	0.520	0.02303985	33	1,888.230	1,890.310	1,892.920	1,302.450	1,189.730	1,299.360	1,890.487	2.350	1,263.847	64.206	-0.581	0.00344549
IPI:IPI00747053.2	0.000	0.000	n/a	n/a	1	19.537	19.615	19.998	29.005	21.749	23.916	19.717	0.247	24.890	3.725	0.336	0.13734413
IPI:IPI00747200.2	152.863	8.735	0.181	0.08658372	3	157.698	174.210	170.646	108.881	121.113	113.603	167.518	8.689	114.532	6.169	-0.549	0.00156909
IPI:IPI00747748.1	675.252	14.417	0.096	0.18141950	10	394.111	392.121	381.152	392.905	402.379	399.839	389.128	6.979	398.374	4.904	0.034	0.14200012
IPI:IPI00747764.3	189.488	5.567	-0.024	0.47073084	6	223.711	211.715	214.210	163.634	181.038	180.967	216.545	6.330	175.213	10.028	-0.306	0.00644392
IPI:IPI00747787.2	0.000	0.000	n/a	n/a	1	18.300	16.361	20.841	18.758	19.013	22.973	18.501	2.247	20.248	2.363	0.130	0.40600905
IPI:IPI00747849.2	550.630	30.677	0.034	0.65163953	14	352.136	414.591	348.051	494.320	443.841	492.266	371.593	37.294	476.809	28.570	0.360	0.02021050
IPI:IPI00748037.2	0.000	0.000	n/a	n/a	1	29.723	30.997	26.965	20.817	14.724	21.037	29.228	2.061	18.859	3.583	-0.632	0.01986691
IPI:IPI00748143.2	0.000	0.000	n/a	n/a	2	17.414	18.412	19.002	24.012	24.756	26.220	18.276	0.803	24.996	1.123	0.452	0.00166022
IPI:IPI00748303.3	836.782	15.172	0.020	0.46317739	19	903.224	887.469	906.789	921.435	923.742	920.738	899.161	10.281	921.972	1.572	0.036	0.05848806
IPI:IPI00748342.2	0.000	0.000	n/a	n/a	2	188.610	163.575	186.723	231.944	293.003	246.973	179.636	13.941	257.307	31.814	0.518	0.03577779
IPI:IPI00748360.2	36.428	5.194	-0.156	0.35233917	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00748502.2	616.130	45.922	0.166	0.11855952	4	256.856	252.226	267.010	203.458	235.118	199.226	258.697	7.562	212.601	19.615	-0.283	0.04147553
IPI:IPI00748744.2	25.982	1.874	0.757	0.00248622	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00748788.2	130.784	0.777	0.147	0.02183291	2	65.040	64.297	66.563	79.572	73.870	74.072	65.300	1.155	75.838	3.235	0.216	0.02034822
IPI:IPI00748807.2	0.000	0.000	n/a	n/a	6	168.144	140.612	169.313	110.718	138.538	115.899	159.356	16.244	121.718	14.795	-0.389	0.04173613
IPI:IPI00749454.5	719.787	2.203	-0.052	0.23648767	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00759472.1	0.000	0.000	n/a	n/a	6	130.601	127.701	132.927	159.145	172.454	162.939	130.410	2.618	164.846	6.856	0.338	0.00672361
IPI:IPI00759479.2	0.000	0.000	n/a	n/a	1	55.131	57.014	56.994	78.204	80.629	79.497	56.380	1.082	79.443	1.213	0.495	0.00001817
IPI:IPI00760837.2	0.000	0.000	n/a	n/a	11	436.413	406.074	427.932	534.759	565.546	550.462	423.473	15.653	550.256	15.395	0.378	0.00056311
IPI:IPI00760846.1	0.000	0.000	n/a	n/a	41	1,469.840	1,516.000	1,442.470	1,655.990	1,534.090	1,644.090	1,476.103	37.163	1,611.390	67.208	0.127	0.05285598
IPI:IPI00760877.2	106.992	5.251	0.133	0.07908187	2	80.399	77.830	74.926	75.401	88.106	83.362	77.718	2.738	82.289	6.420	0.082	0.34714643
IPI:IPI00760958.3	390.376	37.312	0.280	0.06501963	4	162.163	164.714	159.844	265.523	266.032	271.521	162.240	2.436	267.692	3.326	0.722	0.00000389
IPI:IPI00761035.1	0.000	0.000	n/a	n/a	17	785.687	820.488	747.620	579.758	527.208	574.178	784.598	36.446	560.381	28.864	-0.486	0.00140148

IPI:IPI00761160.1	CAST	calpastatin isoform a	47	3,016.520	2,699.760	2,919.350	2,550.740	2,717.430	2,638.590	2,878.543	162.275
IPI:IPI00782965.2	HIP1	Huntingtin-interacting protein 1	8	345.642	349.262	353.763	367.776	378.531	353.002	349.556	4.068
IPI:IPI00782974.1	C17orf85	Isoform 1 of Uncharacterized protein C17orf85	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00782985.1	EIF4G2	eukaryotic translation initiation factor 4 gamma, 2 isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00782992.3	SRRM2	Isoform 1 of Serine/arginine repetitive matrix protein 2	8	476.267	454.532	480.245	402.628	437.034	420.229	470.348	13.841
IPI:IPI00783097.3	GARS	Glycyl-tRNA synthetase	39	3,031.150	3,024.560	2,946.370	3,410.560	3,421.370	3,442.330	3,000.693	47.161
IPI:IPI00783109.1	MTSS1L	Isoform 1 of MTSS1-like protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00783156.1	BMPR2	Bone morphogenetic protein receptor type-2	3	54.468	55.000	55.818	182.089	171.264	183.836	55.095	0.680
IPI:IPI00783186.2	ANKRD17	Isoform 2 of Ankyrin repeat domain-containing protein 17	1	11.908	12.443	9.793	12.145	13.772	13.235	11.381	1.401
IPI:IPI00783271.1	LRPPRC	Leucine-rich PPR motif-containing protein, mitochondrial	37	2,841.460	2,772.440	2,799.330	2,956.840	3,158.530	3,006.910	2,804.410	34.789
IPI:IPI00783285.1	RAB11FIP5	Putative uncharacterized protein DKFZp434H018	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00783299.2	C10orf88	Uncharacterized protein C10orf88	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00783302.1	PTCD3	Isoform 1 of Pentatricopeptide repeat-containing protein 3, mitochondrial	3	115.879	118.468	113.307	138.533	123.811	129.578	115.885	2.581
IPI:IPI00783313.2	PYGL	Glycogen phosphorylase, liver form	14	1,001.680	1,023.530	1,002.840	1,155.150	1,153.390	1,150.170	1,009.350	12.294
IPI:IPI00783359.2	CISD3	CDGSH iron sulfur domain-containing protein 3, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00783378.3	UBE2O	Ubiquitin-conjugating enzyme E2 O	6	317.758	339.141	329.206	383.218	342.888	383.466	328.702	10.700
IPI:IPI00783380.1	TMEM87B	Isoform 1 of Transmembrane protein 87B	1	9.417	20.636	10.689	25.800	12.525	24.362	13.581	6.143
IPI:IPI00783392.2	RB1CC1	RB1-inducible coiled-coil protein 1	2	77.258	71.771	71.714	98.802	101.055	107.595	73.581	3.185
IPI:IPI00783559.1	EXOC2	Exocyst complex component 2	6	351.074	368.873	357.252	417.100	393.207	409.713	359.066	9.037
IPI:IPI00783656.1	MRPL38	39S ribosomal protein L38, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00783665.4	LAMA5	Laminin subunit alpha-5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00783698.4	TMEM87A	Isoform 1 of Transmembrane protein 87A	6	432.046	422.719	455.652	551.665	559.342	519.079	436.806	16.975
IPI:IPI00783753.2	C15orf40	hypothetical protein LOC123207 isoform a	1	119.762	118.503	113.331	123.647	109.054	118.909	117.199	3.408
IPI:IPI00783781.1	NUP205	Nuclear pore complex protein Nup205	4	321.062	341.000	336.418	377.299	369.523	349.291	332.827	10.443
IPI:IPI00783835.2	RNF160	zinc finger protein 294	5	260.556	278.698	294.952	259.380	286.683	264.308	278.069	17.207
IPI:IPI00783855.2	NBR1	neighbor of BRCA1 gene 1	3	73.894	65.982	63.284	561.435	565.299	567.268	67.720	5.515
IPI:IPI00783872.2	CAPRIN1	Isoform 1 of Caprin-1	16	993.749	903.877	976.843	728.583	827.573	783.934	958.156	47.761
IPI:IPI00783943.2	UNC84A	Isoform 1 of Protein unc-84 homolog A	1	73.188	74.701	69.138	65.380	73.007	66.783	72.342	2.876
IPI:IPI00783946.1	CYP2U1	Isoform 1 of Cytochrome P450 2U1	1	173.968	181.488	164.663	223.758	195.899	217.412	173.373	8.428
IPI:IPI00783982.1	COPG	Coatomer subunit gamma	20	815.006	914.273	825.687	921.397	873.404	902.460	851.655	54.491
IPI:IPI00784002.2	SACS	Isoform 2 of Sacsin	5	187.201	199.822	193.887	187.084	186.494	187.311	193.637	6.314
IPI:IPI00784013.1	JAK1	Tyrosine-protein kinase JAK1	6	252.444	237.429	253.287	488.613	497.875	507.006	247.720	8.922
IPI:IPI00784029.4	HTATIP2	Isoform 1 of Oxidoreductase HTATIP2	6	385.701	438.432	409.412	539.053	492.866	497.523	411.182	26.410
IPI:IPI00784044.1	MCCC2	Isoform 1 of Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial	3	108.300	99.997	116.269	106.593	129.102	116.342	108.189	8.137
IPI:IPI00784119.1	ATP6AP1	V-type proton ATPase subunit S1	2	55.099	58.890	49.886	73.828	76.238	72.718	54.625	4.521
IPI:IPI00784154.1	HSPD1	60 kDa heat shock protein, mitochondrial	81	5,095.140	5,053.780	5,066.450	5,111.960	4,809.000	4,959.560	5,071.790	21.191
IPI:IPI00784156.1	AP2B1	Isoform 1 of AP-2 complex subunit beta-1	38	2,199.300	2,358.050	2,325.990	2,430.460	2,260.520	2,322.890	2,294.447	83.944
IPI:IPI00784161.1	SUPT6H	Isoform 1 of Transcription elongation factor SPT6	11	656.122	624.379	668.995	594.414	611.604	600.836	649.832	22.963
IPI:IPI00784320.2	FAM83H	Protein FAM83H	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00784324.1	SYTL2	synaptotagmin-like 2 isoform a	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00784368.1	NDST1	Isoform 1 of Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 1	4	223.383	248.740	228.253	248.212	227.672	240.266	233.459	13.456
IPI:IPI00784614.1	41526	septin 9 isoform a	23	1,495.280	1,474.600	1,504.890	1,289.010	1,285.190	1,260.900	1,491.590	15.478
IPI:IPI00784651.7	FADS1	fatty acid desaturase 1	3	100.916	97.261	97.629	106.533	117.415	109.063	98.602	2.012
IPI:IPI00784739.1	C14orf43	Uncharacterized protein C14orf43	1	38.336	39.229	41.643	34.572	41.311	37.055	39.736	1.711
IPI:IPI00784869.4	DNAH10	Isoform 1 of Dynein heavy chain 10, axonemal	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00784883.4	MSL1	Isoform 1 of Male-specific lethal 1 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00785015.3	UBN2	Isoform 1 of Ubinuclein-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00785096.5	BZW1	Isoform 1 of Basic leucine zipper and W2 domain-containing protein 1	10	816.545	808.015	817.652	750.288	826.157	771.720	814.071	5.273
IPI:IPI00785171.1	KIAA1715	Isoform 2 of Protein lunapark	7	646.744	559.068	659.583	466.190	570.066	490.741	621.798	54.704
IPI:IPI00787359.1	LOC727877	hypothetical protein isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00787607.2	tcag7.1317	Similar to cell division cycle 10 homolog	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00787743.2	RICS	Isoform 1 of Rho/Cdc42/Rac GTPase-activating protein RICS	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00761160.1	2,635.587	83.386	-0.127	0.10492616	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00782965.2	366.436	12.817	0.068	0.14067390	11	284.256	280.354	275.200	328.131	353.597	339.355	279.937	4.542	340.361	12.763	0.282	0.00835566
IPI:IPI00782974.1	0.000	0.000	n/a	n/a	5	211.176	192.751	214.874	234.593	266.969	249.650	206.267	11.850	250.404	16.201	0.280	0.02229167
IPI:IPI00782985.1	0.000	0.000	n/a	n/a	1	16.344	15.775	15.579	25.334	24.075	24.291	15.900	0.397	24.567	0.673	0.628	0.00018900
IPI:IPI00782992.3	419.964	17.205	-0.163	0.01831806	8	611.938	594.863	623.970	367.073	433.191	381.837	610.257	14.626	394.034	34.705	-0.631	0.00339342
IPI:IPI00783097.3	3,424.753	16.153	0.191	0.00183647	24	1,206.910	1,242.070	1,162.800	1,400.420	1,200.210	1,362.980	1,203.927	39.719	1,321.203	106.442	0.134	0.18792896
IPI:IPI00783109.1	0.000	0.000	n/a	n/a	1	19.145	28.777	16.734	3.666	2.121	4.625	21.552	6.372	3.471	1.264	-2.635	0.03477117
IPI:IPI00783156.1	179.063	6.810	1.700	0.00091628	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00783186.2	13.051	0.829	0.197	0.16695789	3	78.279	80.651	71.142	114.139	108.804	118.663	76.690	4.949	113.869	4.935	0.570	0.00077152
IPI:IPI00783271.1	3,040.760	105.019	0.117	0.04843745	80	4,425.190	4,388.750	4,453.060	3,899.140	4,095.830	3,940.490	4,422.333	32.250	3,978.487	103.704	-0.153	0.01191739
IPI:IPI00783285.1	0.000	0.000	n/a	n/a	5	126.084	117.733	137.267	93.593	102.739	96.243	127.028	9.801	97.525	4.706	-0.381	0.02002564
IPI:IPI00783299.2	0.000	0.000	n/a	n/a	1	40.951	31.524	39.119	56.846	74.339	59.840	37.198	4.998	63.675	9.356	0.775	0.02203892
IPI:IPI00783302.1	130.641	7.418	0.173	0.06211707	4	169.365	178.893	186.836	129.979	130.106	123.285	178.365	8.747	127.790	3.902	-0.481	0.00379947
IPI:IPI00783313.2	1,152.903	2.525	0.192	0.00172212	6	265.131	239.868	259.095	163.810	193.635	165.944	254.698	13.193	174.463	16.638	-0.546	0.00336811
IPI:IPI00783359.2	0.000	0.000	n/a	n/a	4	96.775	100.260	97.892	100.136	106.635	108.293	98.309	1.779	105.021	4.311	0.095	0.09908636
IPI:IPI00783378.3	369.857	23.356	0.170	0.07488559	6	373.997	356.459	362.978	497.362	524.650	504.167	364.478	8.865	508.726	14.204	0.481	0.00035030
IPI:IPI00783380.1	20.896	7.285	0.622	0.25672435	5	178.290	179.916	175.212	208.042	190.494	205.024	177.806	2.389	201.187	9.382	0.178	0.04254539
IPI:IPI00783392.2	102.484	4.567	0.478	0.00141117	10	401.188	366.149	408.671	464.461	525.050	464.315	392.003	22.700	484.609	35.023	0.306	0.02454432
IPI:IPI00783559.1	406.673	12.233	0.180	0.00711657	5	235.333	243.316	246.063	236.440	284.087	243.457	241.571	5.574	254.661	25.724	0.076	0.47303363
IPI:IPI00783656.1	0.000	0.000	n/a	n/a	1	15.951	20.892	17.025	28.503	22.914	24.718	17.956	2.599	25.378	2.852	0.499	0.02944399
IPI:IPI00783665.4	0.000	0.000	n/a	n/a	5	120.379	125.135	116.355	130.351	114.479	117.505	120.623	4.395	120.778	8.427	0.002	0.97937968
IPI:IPI00783698.4	543.362	21.377	0.315	0.00299243	3	159.025	207.194	154.030	190.839	123.810	165.093	173.416	29.359	159.914	33.813	-0.117	0.62978911
IPI:IPI00783753.2	117.203	7.445	0.000	0.99956747	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00783781.1	365.371	14.458	0.135	0.03900115	3	161.406	164.072	158.316	149.954	147.606	142.706	161.265	2.881	146.755	3.698	-0.136	0.00688648
IPI:IPI00783835.2	270.124	14.551	-0.042	0.57657945	4	143.197	124.406	132.602	92.465	109.565	95.667	133.402	9.421	99.232	9.091	-0.427	0.01069387
IPI:IPI00783855.2	564.667	2.967	3.060	0.00000084	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00783872.2	780.030	49.610	-0.297	0.01112087	17	838.126	785.958	859.151	876.886	943.158	889.202	827.745	37.685	903.082	35.249	0.126	0.06518343
IPI:IPI00783943.2	68.390	4.059	-0.081	0.24831833	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00783946.1	212.356	14.601	0.293	0.02477045	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00783982.1	899.087	24.174	0.078	0.26943557	36	1,165.880	1,173.280	1,158.830	1,083.190	1,073.940	1,099.080	1,165.997	7.226	1,085.403	12.715	-0.103	0.00193881
IPI:IPI00784002.2	186.963	0.422	-0.051	0.20869233	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00784013.1	497.831	9.197	1.007	0.00000469	13	433.476	441.660	436.264	724.047	647.426	699.379	437.133	4.161	690.284	39.112	0.659	0.00734834
IPI:IPI00784029.4	509.814	25.429	0.310	0.00964827	6	300.013	339.771	306.224	276.679	227.725	266.328	315.336	21.388	256.911	25.800	-0.296	0.04092903
IPI:IPI00784044.1	117.346	11.288	0.117	0.32478661	14	506.243	553.597	516.440	644.335	561.607	607.839	525.427	24.923	604.594	41.459	0.202	0.05945995
IPI:IPI00784119.1	74.261	1.799	0.443	0.00923488	2	128.363	121.851	137.346	102.291	112.893	96.452	129.187	7.780	103.879	8.335	-0.315	0.01858001
IPI:IPI00784154.1	4,960.173	151.481	-0.032	0.32988671	436	14,442.000	14,081.700	14,192.700	16,573.900	16,240.900	16,448.600	14,238.800	184.521	16,421.133	168.191	0.206	0.00011781
IPI:IPI00784156.1	2,337.957	85.966	0.027	0.56500099	29	1,580.230	1,693.990	1,596.510	1,591.930	1,490.360	1,585.620	1,623.577	61.521	1,555.970	56.907	-0.061	0.23597175
IPI:IPI00784161.1	602.285	8.686	-0.110	0.05552162	34	1,425.520	1,401.750	1,403.250	1,540.520	1,601.060	1,548.580	1,410.173	13.312	1,563.387	32.874	0.149	0.00759294
IPI:IPI00784320.2	0.000	0.000	n/a	n/a	2	42.611	43.119	49.920	27.616	34.458	32.296	45.216	4.081	31.457	3.497	-0.523	0.01200890
IPI:IPI00784324.1	0.000	0.000	n/a	n/a	7	368.111	368.249	374.910	457.767	463.608	461.085	370.423	3.886	460.820	2.930	0.315	0.00001123
IPI:IPI00784368.1	238.717	10.357	0.032	0.62216473	1	89.074	112.946	90.182	106.704	85.330	110.500	97.400	13.474	100.845	13.569	0.050	0.77166962
IPI:IPI00784614.1	1,278.367	15.247	-0.223	0.00007229	47	1,989.010	1,958.670	1,986.850	1,762.640	1,938.020	1,812.270	1,978.177	16.928	1,837.643	90.401	-0.106	0.11006951
IPI:IPI00784651.7	111.004	5.695	0.171	0.05086371	1	23.010	22.628	21.413	23.050	20.142	24.358	22.350	0.834	22.517	2.158	0.011	0.91041041
IPI:IPI00784739.1	37.646	3.408	-0.078	0.41389245	3	132.018	136.158	136.071	99.489	101.987	108.492	134.749	2.366	103.323	4.648	-0.383	0.00195966
IPI:IPI00784869.4	0.000	0.000	n/a	n/a	1	3.023	3.590	2.954	2.726	0.000	3.384	3.189	0.349	2.037	1.794	-0.647	0.38239121
IPI:IPI00784883.4	0.000	0.000	n/a	n/a	2	113.440	105.927	126.822	64.075	67.261	67.799	115.396	10.584	66.378	2.013	-0.798	0.01284695
IPI:IPI00785015.3	0.000	0.000	n/a	n/a	1	36.723	44.426	39.410	56.144	42.940	57.109	40.187	3.910	52.064	7.917	0.374	0.10470929
IPI:IPI00785096.5	782.722	39.113	-0.057	0.29874090	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00785171.1	508.999	54.292	-0.289	0.06439249	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00787359.1	0.000	0.000	n/a	n/a	2	65.244	57.789	62.262	69.508	79.652	65.258	61.765	3.752	71.472	7.396	0.211	0.13688454
IPI:IPI00787607.2	0.000	0.000	n/a	n/a	1	18.678	20.793	17.906	24.695	18.964	22.629	19.125	1.495	22.096	2.902	0.208	0.21353937
IPI:IPI00787743.2	0.000	0.000	n/a	n/a	1	26.091	27.915	28.830	25.240	28.027	24.359	27.612	1.394	25.876	1.915	-0.094	0.27928774

IPI:IPI00787853.2	IMPAD1	Inositol monophosphatase 3	5	428.136	378.279	425.117	354.170	405.807	384.172	410.511	27.954
IPI:IPI00788612.1	LIMS1	cDNA FLJ55516, highly similar to Particularly interesting new Cys-His protein	18	1,272.290	1,310.670	1,216.150	1,434.170	1,319.670	1,414.400	1,266.370	47.537
IPI:IPI00789008.1	FLOT2	flotillin 2	10	679.508	657.471	687.803	718.586	767.950	765.786	674.927	15.676
IPI:IPI00789041.2	PNN	Isoform 1 of Pinin	15	1,187.700	1,361.890	1,200.690	1,332.810	1,130.760	1,282.470	1,250.093	97.036
IPI:IPI00789155.1	CALU	cDNA FLJ31776 fis, clone NT2RI2008141, highly similar to CALUMENIN	122	4,825.700	4,792.310	4,792.710	4,804.030	4,861.130	4,887.520	4,803.573	19.163
IPI:IPI00789252.1	TBC1D23	22 kDa protein	1	61.950	55.385	68.139	69.547	68.785	64.861	61.825	6.378
IPI:IPI00789437.1	NAP1L4	32 kDa protein	10	628.816	598.287	617.696	618.639	638.863	642.615	614.933	15.451
IPI:IPI00789455.3	KATNAL1	Katanin p60 ATPase-containing subunit A-like 1	3	152.835	163.883	135.586	135.821	108.685	130.554	150.768	14.261
IPI:IPI00789551.1	MATR3	Putative uncharacterized protein MATR3	20	918.661	895.991	947.201	861.379	855.125	863.186	920.618	25.661
IPI:IPI00790010.1	GULP1	Isoform 1 of PTB domain-containing engulfment adapter protein 1	3	178.701	178.880	174.053	202.893	208.565	211.854	177.211	2.737
IPI:IPI00790333.1	LOC1001279	hypothetical protein	1	61.525	60.507	80.701	30.963	42.085	38.712	67.578	11.377
IPI:IPI00790407.2	ARMC8	Isoform 2 of Armadillo repeat-containing protein 8	2	51.746	81.613	51.172	81.791	51.389	76.228	61.510	17.412
IPI:IPI00790498.1	PSMD11	Protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00790937.2	NMD3	Similar to NMD3 homolog	4	354.095	363.867	354.453	384.315	389.787	404.110	357.472	5.541
IPI:IPI00791223.2	PCBP2	poly(rC) binding protein 2 isoform f	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00791325.1	KIAA0020	Pumilio domain-containing protein KIAA0020	12	986.309	995.985	969.918	963.152	924.977	997.787	984.071	13.177
IPI:IPI00791426.1	RPL24	13 kDa protein	2	77.149	78.197	80.864	44.491	47.408	44.957	78.737	1.916
IPI:IPI00791573.1	SUGT1	Isoform 2 of Suppressor of G2 allele of SKP1 homolog	18	1,068.460	1,129.600	1,083.290	1,071.070	1,001.280	1,086.200	1,093.783	31.892
IPI:IPI00791711.1	NR2C2AP	Nuclear receptor 2C2-associated protein	2	40.720	45.409	37.653	44.194	42.362	47.725	41.261	3.906
IPI:IPI00791847.1	SSR3	8 kDa protein	1	156.169	206.607	172.416	52.214	46.381	41.450	178.397	25.745
IPI:IPI00791889.1	SMARCC2	15 kDa protein	1	73.850	57.017	76.911	71.006	81.608	74.564	69.260	10.712
IPI:IPI00792065.3	TOR1AIP1	Putative uncharacterized protein TOR1AIP1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00792217.1	UQCRC1	18 kDa protein	2	110.068	123.578	115.771	120.850	117.739	129.001	116.472	6.782
IPI:IPI00792333.2	IBTK	Isoform 1 of Inhibitor of Bruton tyrosine kinase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00792375.1	ALDOC	Fructose-bisphosphate aldolase	5	272.843	260.042	276.995	298.511	358.753	324.227	269.960	8.837
IPI:IPI00792916.2	PRKCSH	protein kinase C substrate 80K-H isoform 2	30	2,176.740	1,923.510	2,120.210	1,782.470	2,021.170	1,848.940	2,073.487	132.924
IPI:IPI00793199.1	ANXA4	annexin IV	8	391.367	374.823	377.973	457.010	490.006	459.423	381.388	8.785
IPI:IPI00793246.1	LUC7L	24 kDa protein	2	133.861	127.902	128.880	151.428	156.395	169.237	130.214	3.196
IPI:IPI00793443.1	IPO5	importin 5	28	1,491.000	1,610.000	1,501.280	1,618.440	1,565.420	1,625.730	1,534.093	65.938
IPI:IPI00793681.1	ANKLE2	cDNA FLJ77829	1	128.872	117.007	133.247	113.808	113.141	100.507	126.375	8.403
IPI:IPI00794198.1	ATF7IP	Isoform 3 of Activating transcription factor 7-interacting protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00794229.1	SPCS1	9 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00794391.1	THSD4	Isoform 1 of Thrombospondin type-1 domain-containing protein 4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00794397.1	CHMP4A	chromatin modifying protein 4A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00794566.1	SLMAP	Isoform 2 of Sarcolemmal membrane-associated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00794613.4	TBC1D15	TBC1 domain family, member 15 isoform 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00794900.3	MTHFD1	cDNA FLJ56016, highly similar to C-1-tetrahydrofolate synthase, cytoplasmic	23	1,432.720	1,283.180	1,386.530	1,387.240	1,505.060	1,417.990	1,367.477	76.569
IPI:IPI00795287.1	C12orf29	Isoform 1 of Uncharacterized protein C12orf29	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00795654.4	ATF7IP	Isoform 1 of Activating transcription factor 7-interacting protein 1	1	41.743	42.981	42.691	39.234	35.602	40.440	42.472	0.647
IPI:IPI00795892.1	PFN2	10 kDa protein	6	328.775	347.235	323.560	352.288	331.027	362.734	333.190	12.440
IPI:IPI00796172.1	STRAP	12 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00796333.1	ALDOA	45 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00796375.1	C12orf45	7 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00796690.1	PRPSAP2	5 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00796856.1	MYD88	Myeloid differentiation primary response protein MyD88	2	56.833	44.847	56.282	52.610	66.418	56.772	52.654	6.767
IPI:IPI00796891.2	GOLGB1	Golgin B1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00797038.1	PCK2	mitochondrial phosphoenolpyruvate carboxykinase 2 isoform 1 precursor	10	357.257	346.090	358.769	342.097	353.310	325.156	354.039	6.925
IPI:IPI00797096.1	CHURC1	Isoform 1 of Protein Churchill	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00797136.2	IKIP	Isoform 1 of Inhibitor of nuclear factor kappa-B kinase-interacting protein	9	549.909	489.375	528.779	481.300	522.385	505.042	522.688	30.723
IPI:IPI00797186.1	MON2	Isoform 4 of Protein MON2 homolog	2	122.396	114.906	119.146	115.132	128.763	120.751	118.816	3.756
IPI:IPI00797188.1	RFTN1	cDNA FLJ53901	1	16.032	12.657	17.187	15.298	16.097	16.026	15.292	2.354
IPI:IPI00797279.1	UHRF1	ubiquitin-like with PHD and ring finger domains 1 isoform 2	1	112.431	111.701	115.718	49.932	51.106	54.994	113.283	2.140
IPI:IPI00797368.1	KIAA1468	Isoform 1 of LisH domain and HEAT repeat-containing protein KIAA1468	6	229.988	220.314	230.689	240.800	269.593	247.224	226.997	5.798

IPI:IPI00787853.2	381.383	25.931	-0.106	0.25693945	10	248.300	230.641	252.987	289.204	303.868	298.419	243.976	11.784	297.164	7.412	0.285	0.00485979
IPI:IPI00788612.1	1,389.413	61.203	0.134	0.05485920	8	416.152	407.906	415.596	375.692	393.510	394.212	413.218	4.609	387.805	10.496	-0.092	0.03660099
IPI:IPI00789008.1	750.774	27.897	0.154	0.02383514	19	1,150.620	1,098.110	1,128.520	950.605	1,011.120	967.446	1,125.750	26.364	976.390	31.233	-0.205	0.00351432
IPI:IPI00789041.2	1,248.680	105.178	-0.002	0.98740828	34	1,455.630	1,564.040	1,441.010	1,870.920	1,689.670	1,834.500	1,486.893	67.210	1,798.363	95.876	0.274	0.01290669
IPI:IPI00789155.1	4,850.893	42.676	0.014	0.18556201	101	4,498.840	4,518.510	4,365.070	3,940.690	3,841.140	3,883.280	4,460.807	83.492	3,888.370	49.970	-0.198	0.00137901
IPI:IPI00789252.1	67.731	2.515	0.132	0.24558535	2	44.730	53.375	51.434	10.154	12.349	17.063	49.846	4.536	13.189	3.531	-1.918	0.00052082
IPI:IPI00789437.1	633.372	12.897	0.043	0.19028799	20	861.321	810.523	831.363	833.604	904.256	842.956	834.402	25.535	860.272	38.377	0.044	0.39433410
IPI:IPI00789455.3	125.020	14.390	-0.270	0.09255166	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00789551.1	859.897	4.230	-0.098	0.05129515	30	1,012.110	987.145	1,039.210	1,054.040	1,104.840	1,046.260	1,012.822	26.040	1,068.380	31.814	0.077	0.08195556
IPI:IPI00790010.1	207.771	4.533	0.230	0.00143064	6	307.957	291.573	298.734	347.452	369.866	345.453	299.421	8.214	354.257	13.555	0.243	0.00709499
IPI:IPI00790333.1	37.253	5.703	-0.859	0.02672665	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00790407.2	69.803	16.188	0.182	0.57852967	2	63.026	59.323	64.210	73.879	82.703	68.881	62.186	2.550	75.154	6.998	0.273	0.07108082
IPI:IPI00790498.1	0.000	0.000	n/a	n/a	6	100.520	91.873	106.379	124.567	139.885	123.023	99.591	7.297	129.158	9.322	0.375	0.01399395
IPI:IPI00790937.2	392.737	10.222	0.136	0.01278517	3	192.531	174.316	183.410	218.397	251.198	226.801	183.419	9.108	232.132	17.038	0.340	0.02137941
IPI:IPI00791223.2	0.000	0.000	n/a	n/a	49	830.040	863.584	847.625	1,074.380	1,011.040	1,026.610	847.083	16.779	1,037.343	33.006	0.292	0.00312034
IPI:IPI00791325.1	961.972	36.419	-0.033	0.40926122	8	348.324	357.726	349.507	396.781	389.799	395.187	351.852	5.121	393.922	3.659	0.163	0.00054803
IPI:IPI00791426.1	45.618	1.567	-0.787	0.00002847	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00791573.1	1,052.850	45.297	-0.055	0.27734518	14	749.211	757.095	735.590	916.799	862.799	922.246	747.299	10.879	900.615	32.862	0.269	0.00924299
IPI:IPI00791711.1	44.760	2.726	0.117	0.27968714	2	42.383	43.389	50.738	38.168	44.367	37.814	45.503	4.561	40.116	3.685	-0.182	0.19036004
IPI:IPI00791847.1	46.682	5.388	-1.934	0.01004926	1	54.356	102.360	54.090	146.127	61.072	115.501	70.269	27.792	107.567	43.079	0.614	0.28758345
IPI:IPI00791889.1	75.726	5.396	0.129	0.42053987	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00792065.3	0.000	0.000	n/a	n/a	9	292.010	284.389	283.756	261.643	277.589	274.414	286.718	4.594	271.215	8.441	-0.080	0.06602721
IPI:IPI00792217.1	122.530	5.816	0.073	0.30681268	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00792333.2	0.000	0.000	n/a	n/a	1	14.092	15.491	13.315	12.003	10.061	15.229	14.299	1.103	12.431	2.610	-0.202	0.34494570
IPI:IPI00792375.1	327.164	30.228	0.277	0.07184308	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00792916.2	1,884.193	123.193	-0.138	0.14549874	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00793199.1	468.813	18.393	0.298	0.00589366	12	732.959	664.867	734.336	581.865	639.129	591.711	710.721	39.716	604.235	30.617	-0.234	0.02372359
IPI:IPI00793246.1	159.020	9.190	0.288	0.02260938	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00793443.1	1,603.197	32.918	0.064	0.20541437	15	877.378	779.678	887.189	577.415	685.209	621.057	848.082	59.442	627.894	54.221	-0.434	0.00922406
IPI:IPI00793681.1	109.152	7.494	-0.211	0.05789112	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00794198.1	0.000	0.000	n/a	n/a	2	69.298	66.263	62.597	77.500	87.792	84.460	66.053	3.356	83.251	5.251	0.334	0.01303731
IPI:IPI00794229.1	0.000	0.000	n/a	n/a	6	288.557	277.748	302.359	235.575	270.502	244.239	289.555	12.336	250.105	18.187	-0.211	0.04272756
IPI:IPI00794391.1	0.000	0.000	n/a	n/a	3	122.489	136.748	134.084	80.828	77.608	86.081	131.107	7.581	81.506	4.277	-0.686	0.00178047
IPI:IPI00794397.1	0.000	0.000	n/a	n/a	1	46.686	57.430	40.377	56.655	56.681	57.516	48.164	8.622	56.951	0.490	0.242	0.21935989
IPI:IPI00794566.1	0.000	0.000	n/a	n/a	9	315.209	317.377	324.584	328.027	370.198	343.011	319.057	4.908	347.079	21.378	0.121	0.14544074
IPI:IPI00794613.4	0.000	0.000	n/a	n/a	7	332.873	343.264	350.686	316.003	309.454	321.537	342.274	8.948	315.665	6.049	-0.117	0.01711178
IPI:IPI00794900.3	1,436.763	61.112	0.071	0.29101103	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00795287.1	0.000	0.000	n/a	n/a	2	60.467	55.917	62.920	79.782	90.768	74.996	59.768	3.554	81.849	8.086	0.454	0.02719591
IPI:IPI00795654.4	38.425	2.518	-0.144	0.10049798	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00795892.1	348.683	16.158	0.066	0.26285737	12	325.312	340.967	320.986	394.620	356.323	379.949	329.088	10.512	376.964	19.322	0.196	0.03106486
IPI:IPI00796172.1	0.000	0.000	n/a	n/a	1	21.222	24.723	20.148	31.765	29.998	33.396	22.031	2.393	31.719	1.699	0.526	0.00632508
IPI:IPI00796333.1	0.000	0.000	n/a	n/a	108	4,007.940	4,013.520	4,081.990	4,584.300	4,531.630	4,501.360	4,034.483	41.236	4,539.097	41.971	0.170	0.00011992
IPI:IPI00796375.1	0.000	0.000	n/a	n/a	1	50.925	68.745	52.757	72.199	42.260	58.949	57.476	9.803	57.803	15.002	0.008	0.97882197
IPI:IPI00796690.1	0.000	0.000	n/a	n/a	2	104.049	110.642	105.238	117.373	97.477	117.667	106.643	3.514	110.839	11.573	0.056	0.60054260
IPI:IPI00796856.1	58.600	7.083	0.154	0.35275802	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00796891.2	0.000	0.000	n/a	n/a	1	31.233	29.592	32.015	47.253	50.172	44.327	30.947	1.236	47.251	2.923	0.611	0.00452948
IPI:IPI00797038.1	340.188	14.174	-0.058	0.22880547	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00797096.1	0.000	0.000	n/a	n/a	2	96.837	90.598	94.092	96.956	101.843	95.409	93.842	3.127	98.069	3.358	0.064	0.18717737
IPI:IPI00797136.2	502.909	20.625	-0.056	0.41431296	4	192.200	231.570	197.124	245.480	229.237	227.996	206.965	21.451	234.238	9.756	0.179	0.14555630
IPI:IPI00797186.1	121.549	6.850	0.033	0.58616882	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00797188.1	15.807	0.442	0.048	0.74358231	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00797279.1	52.010	2.649	-1.123	0.00001104	3	79.089	76.421	73.510	136.398	138.167	131.599	76.340	2.790	135.388	3.398	0.827	0.00002756
IPI:IPI00797368.1	252.539	15.114	0.154	0.08493494	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00797574.3	BOD1L	Protein FAM44A	1	19.054	17.225	17.886	17.544	19.161	15.187	18.055	0.926
IPI:IPI00797851.1	MICAL3	Isoform 1 of Uncharacterized protein KIAA0819	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00798034.2	KRI1	cDNA FLJ53206	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00798272.2	BCAT1	Branched-chain-amino-acid aminotransferase	11	704.901	701.116	726.586	879.207	886.253	879.147	710.868	13.743
IPI:IPI00807412.1	NT5C3	Isoform 2 of Cytosolic 5'-nucleotidase 3	3	152.543	172.785	155.209	194.111	158.192	177.301	160.179	10.998
IPI:IPI00807463.2	NFKB2	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 isoform b	5	274.806	278.894	274.326	276.042	296.177	303.327	276.009	2.510
IPI:IPI00807498.1	CCDC6	CCDC6 protein (Fragment)	8	547.280	552.360	540.879	548.131	560.031	557.130	546.840	5.753
IPI:IPI00807545.1	HNRNPK	Isoform 3 of Heterogeneous nuclear ribonucleoprotein K	12	648.543	642.967	676.156	637.784	648.430	629.316	655.889	17.772
IPI:IPI00815713.1	TCOF1	Isoform 4 of Treacle protein	22	1,201.220	1,182.150	1,218.160	1,186.370	1,172.900	1,225.880	1,200.510	18.015
IPI:IPI00815770.2	SNX3	Isoform 1 of Sorting nexin-3	7	705.387	692.049	679.336	760.855	778.943	763.231	692.257	13.027
IPI:IPI00815784.1	PPP2CA	Serine/threonine protein phosphatase	4	208.383	217.744	219.130	255.224	278.218	258.844	215.086	5.846
IPI:IPI00815976.1	TMEM120B	Transmembrane protein 120B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00816323.1	RHOBTB2	cDNA FLJ25878 fis, clone CBR02538 (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00816474.1	FAM127A	Protein FAM127A	3	162.465	204.200	173.275	172.422	173.423	180.019	179.980	21.660
IPI:IPI00827634.2	LARP4B	La-related protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00829596.1	KIAA0323	Protein KIAA0323	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00829652.1	RBM16	Putative RNA-binding protein 16	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00829741.1	ANKLE2	Isoform 1 of Ankyrin repeat and LEM domain-containing protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00829826.1	MED1	Isoform 1 of Mediator of RNA polymerase II transcription subunit 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00830108.1	DNAJC2	Isoform 1 of DnaJ homolog subfamily C member 2	5	199.856	202.420	192.475	219.677	200.800	231.851	198.250	5.163
IPI:IPI00843975.1	EZR	Ezrin	25	955.412	976.476	958.911	1,089.360	1,044.530	1,059.060	963.600	11.288
IPI:IPI00844000.1	KIAA0776	UPF0555 protein KIAA0776	9	544.495	494.344	554.640	563.224	625.300	582.972	531.160	32.284
IPI:IPI00844214.1	CTNNBL1	Isoform 1 of Beta-catenin-like protein 1	5	315.264	270.700	314.647	272.700	327.497	289.686	300.204	25.553
IPI:IPI00844215.1	SPTAN1	Isoform 1 of Spectrin alpha chain, brain	147	10,370.000	10,253.300	10,236.300	8,967.590	8,995.340	9,104.280	10,286.533	72.782
IPI:IPI00844507.2	C1orf174	UPF0688 protein C1orf174	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00844508.1	CGN	cingulin	1	228.388	201.741	206.554	182.670	174.658	173.602	212.228	14.201
IPI:IPI00844578.1	DHX9	ATP-dependent RNA helicase A	17	504.627	566.358	506.867	531.778	416.025	509.774	525.951	35.012
IPI:IPI00847137.1	TBC1D12	TBC1 domain family member 12	1	16.467	15.833	15.523	17.224	15.003	18.746	15.941	0.481
IPI:IPI00847139.1	ATP13A3	Isoform 1 of Probable cation-transporting ATPase 13A3	2	67.754	55.746	58.696	104.361	122.398	115.208	60.732	6.258
IPI:IPI00847544.1	FMNL3	Isoform 1 of Formin-like protein 3	7	425.610	420.645	407.331	277.721	290.856	300.612	417.862	9.452
IPI:IPI00847665.6	LIMS1	similar to LIM and senescent cell antigen-like domains 1	1	86.848	81.694	85.639	88.445	104.374	99.483	84.727	2.695
IPI:IPI00847755.2	FMNL2	cDNA FLJ16308 fis, clone PUAEN2006335	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00847845.2	NCRNA00081	BBSome-interacting protein of 10 kDa	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00848090.1	CAPG	gelsolin-like capping protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00848276.1	C10orf18	Isoform 1 of Uncharacterized protein C10orf18	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00852584.3	RBM33	Isoform 1 of RNA-binding protein 33	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00852645.2	MICAL3	microtubule associated monoxygenase, calponin and LIM domain containing 3 isoform 1	3	185.383	174.982	171.888	144.215	142.189	158.955	177.418	7.070
IPI:IPI00852669.1	ZNF516	Zinc finger protein 516	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00852806.1	EXOC6B	SEC15-like 2	3	107.414	106.454	107.844	118.662	129.296	126.218	107.237	0.712
IPI:IPI00853059.2	FUBP1	Isoform 2 of Far upstream element-binding protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00853149.1	TMEM131	RW1 protein	1	10.127	8.962	12.209	9.275	11.405	10.498	10.433	1.645
IPI:IPI00853161.1	RPL10	60S ribosomal protein L10	11	574.946	533.361	541.235	463.989	496.178	493.618	549.847	22.090
IPI:IPI00853224.1	STARD7	StAR-related lipid transfer protein 7, mitochondrial	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00853240.1	TAF3	Transcription initiation factor TFIID subunit 3	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00853278.1	SLAIN2	SLAIN motif-containing protein 2	2	149.127	177.240	150.331	176.217	153.124	176.873	158.899	15.895
IPI:IPI00853369.1	PLXNB2	Plexin-B2	16	743.992	756.043	756.968	1,239.270	1,212.450	1,225.070	752.334	7.239
IPI:IPI00853400.1	FKBP15	Isoform 1 of FK506-binding protein 15	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00854642.1	PDS5A	Isoform 1 of Sister chromatid cohesion protein PDS5 homolog A	4	110.178	108.875	118.787	105.926	104.846	112.747	112.613	5.386
IPI:IPI00854754.3	-	8 kDa protein	1	35.574	33.873	34.812	27.110	31.653	32.325	34.753	0.852
IPI:IPI00855754.1	PWWP2A	Isoform 2 of PWWP domain-containing protein 2A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00855763.1	PALLD	Isoform 3 of Palladin	23	2,051.990	2,085.700	1,983.610	1,948.750	1,921.540	1,928.340	2,040.433	52.017

IPI:IPI00797574.3	17.297	1.999	-0.062	0.59665858	10	214.034	224.874	213.252	243.691	237.460	242.190	217.387	6.496	241.114	3.252	0.149	0.01151660
IPI:IPI00797851.1	0.000	0.000	n/a	n/a	2	144.594	128.731	147.940	122.133	144.499	124.667	140.422	10.262	130.433	12.247	-0.106	0.34220948
IPI:IPI00798034.2	0.000	0.000	n/a	n/a	25	643.378	664.318	646.626	760.138	728.471	742.629	651.441	11.270	743.746	15.863	0.191	0.00184006
IPI:IPI00798272.2	881.536	4.085	0.310	0.00104006	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00807412.1	176.535	17.972	0.140	0.26368626	5	270.406	283.373	283.868	201.569	199.735	203.061	279.216	7.633	201.455	1.666	-0.471	0.00222158
IPI:IPI00807463.2	291.849	14.148	0.081	0.18884974	14	364.854	387.747	384.104	502.302	513.181	499.045	378.902	12.301	504.843	7.403	0.414	0.00037575
IPI:IPI00807498.1	555.097	6.205	0.022	0.16678847	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00807545.1	638.510	9.578	-0.039	0.23091719	2	46.020	62.505	49.261	81.145	62.945	73.238	52.595	8.734	72.443	9.126	0.462	0.05320518
IPI:IPI00815713.1	1,195.050	27.536	-0.007	0.79030444	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00815770.2	767.676	9.829	0.149	0.00179342	18	492.558	496.245	516.729	711.857	705.962	704.891	501.844	13.022	707.570	3.751	0.496	0.00061906
IPI:IPI00815784.1	264.095	12.364	0.296	0.00976960	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00815976.1	0.000	0.000	n/a	n/a	2	34.419	34.853	33.698	51.911	37.048	49.685	34.323	0.583	46.215	8.016	0.429	0.12368415
IPI:IPI00816323.1	0.000	0.000	n/a	n/a	1	2.520	3.438	2.843	0.000	0.006	0.000	2.934	0.466	0.002	0.003	-10.528	0.00830459
IPI:IPI00816474.1	175.288	4.128	-0.038	0.74659559	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00827634.2	0.000	0.000	n/a	n/a	3	167.661	161.059	171.638	227.666	246.465	225.657	166.786	5.344	233.263	11.478	0.484	0.00354153
IPI:IPI00829596.1	0.000	0.000	n/a	n/a	1	74.840	66.309	73.255	95.666	113.375	103.943	71.468	4.537	104.328	8.861	0.546	0.01081126
IPI:IPI00829652.1	0.000	0.000	n/a	n/a	5	65.096	59.126	67.314	55.615	58.029	60.105	63.845	4.235	57.916	2.247	-0.141	0.12049168
IPI:IPI00829741.1	0.000	0.000	n/a	n/a	4	141.947	134.857	147.074	161.344	182.342	155.949	141.293	6.135	166.545	13.944	0.237	0.07120277
IPI:IPI00829826.1	0.000	0.000	n/a	n/a	9	311.393	323.213	335.090	316.063	348.045	309.213	323.232	11.849	324.440	20.727	0.005	0.93835997
IPI:IPI00830108.1	217.443	15.646	0.133	0.15820121	9	337.278	334.538	326.069	250.367	254.837	257.560	332.628	5.843	254.255	3.632	-0.388	0.00014072
IPI:IPI00843975.1	1,064.317	22.873	0.143	0.00703159	57	2,056.560	1,980.770	2,059.960	2,136.300	2,199.350	2,123.300	2,032.430	44.771	2,152.983	40.677	0.083	0.02640223
IPI:IPI00844000.1	590.499	31.715	0.153	0.08571493	9	581.179	561.869	578.120	492.958	529.317	505.488	573.723	10.379	509.254	18.470	-0.172	0.01177764
IPI:IPI00844214.1	296.628	28.050	-0.017	0.87915943	7	280.390	303.416	274.219	281.046	245.335	266.320	286.008	15.388	264.234	17.947	-0.114	0.18786211
IPI:IPI00844215.1	9,022.403	72.252	-0.189	0.00002984	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00844507.2	0.000	0.000	n/a	n/a	1	36.289	42.192	37.524	32.332	27.120	28.816	38.668	3.114	29.423	2.659	-0.394	0.01822171
IPI:IPI00844508.1	176.977	4.959	-0.262	0.03841780	4	63.190	57.571	62.131	82.539	83.116	81.892	60.964	2.986	82.515	0.612	0.437	0.00485391
IPI:IPI00844578.1	485.859	61.471	-0.114	0.39533898	43	1,504.780	1,441.670	1,472.130	1,744.340	1,720.240	1,738.390	1,472.860	31.561	1,734.323	12.554	0.236	0.00177792
IPI:IPI00847137.1	16.991	1.882	0.092	0.43817969	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00847139.1	113.989	9.080	0.908	0.00185308	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00847544.1	289.730	11.487	-0.528	0.00014986	3	119.593	188.058	114.642	265.131	148.457	230.273	140.764	41.032	214.620	59.891	0.609	0.16236755
IPI:IPI00847665.6	97.434	8.160	0.202	0.10264924	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00847755.2	0.000	0.000	n/a	n/a	1	54.675	45.565	56.712	78.690	93.365	73.067	52.318	5.936	81.707	10.480	0.643	0.02179785
IPI:IPI00847845.2	0.000	0.000	n/a	n/a	1	42.807	48.321	46.177	37.872	38.588	37.258	45.768	2.780	37.906	0.666	-0.272	0.03334035
IPI:IPI00848090.1	0.000	0.000	n/a	n/a	3	63.151	72.046	71.346	81.361	83.008	76.475	68.847	4.946	80.281	3.398	0.222	0.03580514
IPI:IPI00848276.1	0.000	0.000	n/a	n/a	2	47.545	50.046	52.589	57.590	59.449	56.489	50.060	2.522	57.842	1.496	0.208	0.01619198
IPI:IPI00852584.3	0.000	0.000	n/a	n/a	1	29.865	31.880	30.239	32.653	41.525	36.920	30.661	1.072	37.033	4.437	0.272	0.12389269
IPI:IPI00852645.2	148.453	9.151	-0.257	0.01406432	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00852669.1	0.000	0.000	n/a	n/a	1	43.933	47.861	42.188	63.302	58.019	67.853	44.660	2.906	63.058	4.922	0.498	0.00923308
IPI:IPI00852806.1	124.725	5.472	0.218	0.02951511	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00853059.2	0.000	0.000	n/a	n/a	49	2,316.060	2,276.800	2,339.800	1,853.460	1,954.640	1,900.190	2,310.887	31.817	1,902.763	50.639	-0.280	0.00073981
IPI:IPI00853149.1	10.393	1.069	-0.005	0.97428608	1	26.408	30.383	28.391	43.676	41.710	42.670	28.394	1.988	42.685	0.983	0.588	0.00173465
IPI:IPI00853161.1	484.595	17.891	-0.182	0.01787460	32	1,088.340	1,082.070	1,075.540	1,301.770	1,370.250	1,294.100	1,081.983	6.400	1,322.040	41.927	0.289	0.00880069
IPI:IPI00853224.1	0.000	0.000	n/a	n/a	3	64.700	73.706	71.683	98.762	98.171	101.367	70.030	4.725	99.433	1.700	0.506	0.00423847
IPI:IPI00853240.1	0.000	0.000	n/a	n/a	1	123.442	114.013	116.805	170.145	202.041	172.725	118.087	4.843	181.637	17.717	0.621	0.01906984
IPI:IPI00853278.1	168.738	13.526	0.087	0.46154957	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00853369.1	1,225.597	13.418	0.704	0.00001132	16	549.173	573.004	586.287	510.002	530.451	519.522	569.488	18.805	519.992	10.233	-0.131	0.02650753
IPI:IPI00853400.1	0.000	0.000	n/a	n/a	9	180.013	179.658	187.592	191.401	193.927	198.315	182.421	4.482	194.548	3.499	0.093	0.02318419
IPI:IPI00854642.1	107.840	4.284	-0.062	0.29905557	13	349.779	339.454	350.389	451.698	462.854	445.005	346.541	6.145	453.186	9.017	0.387	0.00016715
IPI:IPI00854754.3	30.363	2.837	-0.195	0.10534397	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00855754.1	0.000	0.000	n/a	n/a	2	49.686	40.168	46.853	36.885	40.931	34.530	45.569	4.887	37.449	3.238	-0.283	0.08432136
IPI:IPI00855763.1	1,932.877	14.161	-0.078	0.06121314	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00855873.1	TMEM192	Isoform 1 of Transmembrane protein 192	3	161.893	180.125	163.093	251.604	253.773	248.489	168.370	10.198
IPI:IPI00855962.1	FKBP15	Isoform 2 of FK506-binding protein 15	11	374.371	358.760	383.367	386.286	369.249	398.498	372.166	12.451
IPI:IPI00855998.1	CENPF	Centromere protein F	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00856045.1	AHNAK2	Isoform 1 of Protein AHNAK2	15	421.330	422.513	467.647	842.738	885.467	844.774	437.163	26.406
IPI:IPI00856049.1	RPL22L1	60S ribosomal protein L22-like 1	1	58.695	69.835	56.923	36.908	28.252	36.114	61.818	7.000
IPI:IPI00856098.1	RRBP1	p180/ribosome receptor	153	9,786.200	9,256.380	9,956.870	8,826.710	9,229.650	9,009.550	9,666.483	365.268
IPI:IPI00867509.1	CORO1C	Coronin-1C_i3 protein	21	2,289.630	2,436.570	2,276.800	2,185.500	1,998.960	2,151.490	2,334.333	88.772
IPI:IPI00868787.1	TANC2	Isoform 1 of Protein TANC2	1	25.789	23.038	22.405	21.584	24.425	23.795	23.744	1.799
IPI:IPI00869000.1	C12orf51	chromosome 12 open reading frame 51	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00871535.1	SPTAN1	Isoform 2 of Spectrin alpha chain, brain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00872292.1	RABL4	Isoform 1 of Putative GTP-binding protein RAY-like	3	249.082	223.325	245.557	247.806	281.174	266.147	239.321	13.965
IPI:IPI00872762.2	SUCLG1	Succinyl-CoA ligase [GDP-forming] subunit alpha, mitochondrial	10	810.948	786.170	817.435	835.103	885.001	854.115	804.851	16.500
IPI:IPI00872788.1	DPYSL3	Dihydropyrimidinase-related protein 3	1	38.267	38.165	36.888	20.813	22.062	24.926	37.773	0.768
IPI:IPI00873747.1	ASAP1	Isoform 2 of Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1	11	460.610	446.042	481.844	461.686	528.650	480.056	462.832	18.004
IPI:IPI00873817.1	ALDH9A1	4-trimethylaminobutyraldehyde dehydrogenase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00874020.2	PCBD2	Pterin-4-alpha-carbinolamine dehydratase 2	1	24.069	22.795	26.565	26.363	19.980	25.440	24.476	1.918
IPI:IPI00876841.1	KIAA0913	Isoform 3 of Zinc finger SWIM domain-containing protein KIAA0913	1	50.246	52.740	51.476	57.729	54.199	59.760	51.487	1.247
IPI:IPI00876842.1	-	PML-RAR protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00876962.2	INF2	Isoform 2 of Inverted formin-2	4	84.763	96.476	87.203	52.450	57.535	60.031	89.481	6.180
IPI:IPI00877708.1	41522	Protein	1	9.654	13.742	9.755	10.525	10.311	9.936	11.050	2.331
IPI:IPI00878135.1	POLDIP3	Putative uncharacterized protein DKFZp434G0310	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00878209.1	GTPBP5	GTP-binding protein 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00878314.1	MAP4	110 kDa protein	3	95.690	92.724	105.828	105.863	102.793	94.387	98.081	6.871
IPI:IPI00878493.1	CBX8	27 kDa protein	1	45.182	45.686	47.883	54.767	54.013	47.734	46.251	1.436
IPI:IPI00878839.1	PITPNB	Phosphatidylinositol transfer protein, beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00879636.1	-	Hypothetical short protein	2	71.034	74.114	72.483	72.772	74.233	81.936	72.544	1.541
IPI:IPI00883647.1	IK	RED protein	8	776.289	709.347	738.588	654.413	647.710	640.506	741.408	33.560
IPI:IPI00883655.1	-	Dihydropyrimidinase-like 2 long form (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00884054.1	CBL	Cas-Br-M (murine) ecotropic retroviral transforming sequence	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00884061.2	LOC552889	hypothetical protein LOC552889	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00884105.2	LAMP1	Lysosome-associated membrane glycoprotein 1	5	331.002	312.319	323.040	415.061	411.182	432.290	322.120	9.375
IPI:IPI00884375.2	FAM21B	Protein FAM21B	2	112.104	104.098	117.284	129.551	139.064	141.449	111.162	6.643
IPI:IPI00884903.1	SH3D19	Isoform 3 of SH3 domain-containing protein 19	4	168.280	169.984	150.397	195.636	168.417	196.185	162.887	10.850
IPI:IPI00885036.1	EEPD1	Endonuclease/exonuclease/phosphatase family domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00885081.1	HDGF2	Isoform 2 of Hepatoma-derived growth factor-related protein 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00888774.1	RPS15AP12	similar to hCG1994130	1	93.690	95.557	96.119	140.954	138.172	145.525	95.122	1.271
IPI:IPI00888874.1	LOC643308	similar to hCG1810802	1	48.243	52.132	47.921	54.044	56.939	58.074	49.432	2.344
IPI:IPI00889191.1	LOC1001315	similar to hCG1644658	2	37.678	41.421	43.015	45.799	40.496	46.261	40.704	2.740
IPI:IPI00890837.1	SMCHD1	Isoform 1 of Structural maintenance of chromosomes flexible hinge domain-containing protein 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00892620.1	THADA	THADA protein	1	53.844	50.188	56.515	50.997	61.622	58.418	53.516	3.177
IPI:IPI00892682.1	TAP2	transporter 2, ATP-binding cassette, sub-family B isoform 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00893044.1	GMPPA	28 kDa protein	1	45.956	42.209	47.049	52.042	50.301	53.613	45.071	2.538
IPI:IPI00893383.1	CEBPZ	17 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00893844.2	SH3RF1	Isoform 1 of Putative E3 ubiquitin-protein ligase SH3RF1	2	127.295	129.052	131.450	132.997	131.994	138.448	129.266	2.086
IPI:IPI00893975.1	LTBP1	147 kDa protein	16	619.742	581.237	614.958	1,387.320	1,437.610	1,364.510	605.312	20.987
IPI:IPI00894044.2	UNC84A	cDNA FLJ58818, highly similar to Sad1/unc-84 protein-like 1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00894178.1	-	cDNA FLJ38868 fis, clone MESAN2013211, highly similar to Protein FAM98A	6	311.333	346.986	302.797	487.931	429.948	476.351	320.372	23.440
IPI:IPI00894287.2	HDLBP	cDNA FLJ56889, moderately similar to Vigilin	2	54.709	54.881	54.489	49.662	50.950	53.336	54.693	0.196
IPI:IPI00895852.1	CNBP	zinc finger protein 9 isoform 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00900293.1	-	Filamin B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00855873.1	251.289	2.656	0.578	0.00319355	1	98.519	92.935	88.760	56.831	56.279	57.861	93.405	4.897	56.990	0.803	-0.713	0.00502999
IPI:IPI00855962.1	384.678	14.691	0.048	0.32534217	1	2.223	3.125	0.000	2.535	2.823	0.000	1.783	1.608	1.786	1.553	0.003	0.99816610
IPI:IPI00855998.1	0.000	0.000	n/a	n/a	56	1,735.090	1,725.700	1,773.750	2,073.300	2,073.690	2,093.750	1,744.847	25.468	2,080.247	11.696	0.254	0.00037131
IPI:IPI00856045.1	857.660	24.103	0.972	0.00003680	244	9,812.000	10,014.800	9,707.680	13,408.900	12,820.900	13,096.800	9,844.827	156.169	13,108.867	294.186	0.413	0.00040945
IPI:IPI00856049.1	33.758	4.785	-0.873	0.00665127	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00856098.1	9,021.970	201.757	-0.100	0.07236662	91	4,023.780	4,068.140	4,129.870	2,925.560	2,998.960	2,959.360	4,073.930	53.281	2,961.293	36.738	-0.460	0.00002180
IPI:IPI00867509.1	2,111.983	99.347	-0.144	0.04524634	31	1,662.130	1,680.570	1,620.530	1,817.030	1,679.060	1,821.430	1,654.410	30.755	1,772.507	80.957	0.099	0.11466417
IPI:IPI00868787.1	23.268	1.492	-0.029	0.74336821	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00869000.1	0.000	0.000	n/a	n/a	3	56.665	60.046	57.444	109.028	103.213	98.733	58.051	1.771	103.658	5.162	0.836	0.00190955
IPI:IPI00871535.1	0.000	0.000	n/a	n/a	4	426.277	526.498	435.125	495.265	367.288	454.717	462.633	55.485	439.090	65.404	-0.075	0.66367717
IPI:IPI00872292.1	265.042	16.711	0.147	0.11244960	10	487.701	463.623	488.795	589.462	583.744	573.002	480.040	14.228	582.069	8.357	0.278	0.00123982
IPI:IPI00872762.2	858.073	25.183	0.092	0.04579089	8	414.417	375.224	393.927	376.437	402.697	403.735	394.523	19.603	394.290	15.470	-0.001	0.98856794
IPI:IPI00872788.1	22.600	2.109	-0.741	0.00290709	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00873747.1	490.131	34.600	0.083	0.31289751	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00873817.1	0.000	0.000	n/a	n/a	17	628.230	735.000	640.830	854.567	736.930	823.950	668.020	58.347	805.149	61.031	0.269	0.04829745
IPI:IPI00874020.2	23.928	3.449	-0.033	0.82473304	3	111.516	117.351	127.065	113.982	112.856	115.398	118.644	7.855	114.079	1.274	-0.057	0.42199005
IPI:IPI00876841.1	57.229	2.814	0.153	0.05436890	1	6.289	6.339	5.850	9.548	9.657	7.771	6.159	0.269	8.992	1.059	0.546	0.03676145
IPI:IPI00876842.1	0.000	0.000	n/a	n/a	1	34.355	43.403	38.174	67.977	58.410	61.942	38.644	4.543	62.776	4.838	0.700	0.00329424
IPI:IPI00876962.2	56.672	3.863	-0.659	0.00291504	13	244.108	265.154	250.348	343.246	339.292	347.991	253.203	10.810	343.510	4.355	0.440	0.00169494
IPI:IPI00877708.1	10.257	0.298	-0.107	0.61695845	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00878135.1	0.000	0.000	n/a	n/a	1	109.227	139.211	106.194	148.296	115.085	136.751	118.211	18.250	133.377	16.861	0.174	0.35121638
IPI:IPI00878209.1	0.000	0.000	n/a	n/a	1	22.341	24.184	23.873	32.128	25.869	30.205	23.466	0.986	29.401	3.206	0.325	0.07424897
IPI:IPI00878314.1	101.014	5.941	0.043	0.60643471	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00878493.1	52.171	3.861	0.174	0.10377591	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00878839.1	0.000	0.000	n/a	n/a	1	93.506	117.622	97.200	64.011	53.327	62.954	102.776	12.989	60.097	5.887	-0.774	0.01669308
IPI:IPI00879636.1	76.314	4.924	0.073	0.31512615	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00883647.1	647.543	6.955	-0.195	0.03554381	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00883655.1	0.000	0.000	n/a	n/a	5	162.831	174.427	160.691	249.781	218.110	229.359	165.983	7.391	232.417	16.055	0.486	0.00896020
IPI:IPI00884054.1	0.000	0.000	n/a	n/a	5	103.218	93.109	116.101	147.495	160.397	146.548	104.143	11.524	151.480	7.737	0.541	0.00620357
IPI:IPI00884061.2	0.000	0.000	n/a	n/a	2	30.424	37.269	32.566	40.497	32.443	40.872	33.420	3.501	37.938	4.762	0.183	0.26208920
IPI:IPI00884105.2	419.511	11.236	0.381	0.00040600	5	383.395	389.851	371.655	488.473	463.345	473.763	381.634	9.225	475.194	12.625	0.316	0.00076264
IPI:IPI00884375.2	136.688	6.295	0.298	0.00856889	43	1,517.400	1,517.420	1,503.280	1,472.480	1,496.330	1,487.250	1,512.700	8.158	1,485.353	12.038	-0.026	0.03756986
IPI:IPI00884903.1	186.746	15.876	0.197	0.10740049	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00885036.1	0.000	0.000	n/a	n/a	5	164.421	156.457	168.636	185.023	201.401	190.805	163.171	6.185	192.410	8.306	0.238	0.00989449
IPI:IPI00885081.1	0.000	0.000	n/a	n/a	10	507.263	479.180	476.383	258.470	267.293	280.668	487.609	17.079	268.810	11.177	-0.859	0.00014127
IPI:IPI00888774.1	141.550	3.713	0.573	0.00082387	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00888874.1	56.352	2.078	0.189	0.01919105	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00889191.1	44.186	3.203	0.118	0.22801091	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00890837.1	0.000	0.000	n/a	n/a	19	940.285	869.389	972.555	800.785	900.890	814.132	927.410	52.774	838.602	54.354	-0.145	0.11229109
IPI:IPI00892620.1	57.012	5.450	0.091	0.40361082	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00892682.1	0.000	0.000	n/a	n/a	14	223.995	228.215	240.340	288.959	287.922	291.714	230.850	8.485	289.532	1.960	0.327	0.00499772
IPI:IPI00893044.1	51.985	1.657	0.206	0.02242275	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00893383.1	0.000	0.000	n/a	n/a	1	87.993	93.544	85.592	111.149	107.901	110.161	89.043	4.079	109.737	1.665	0.301	0.00605418
IPI:IPI00893844.2	134.480	3.473	0.057	0.10473525	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00893975.1	1,396.480	37.401	1.206	0.00004926	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00894044.2	0.000	0.000	n/a	n/a	6	288.194	270.190	296.881	274.917	300.663	283.801	285.088	13.614	286.460	13.077	0.007	0.90599073
IPI:IPI00894178.1	464.743	30.685	0.537	0.00369256	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00894287.2	51.316	1.864	-0.092	0.08670783	3	82.202	82.078	73.979	95.610	78.621	93.717	79.420	4.712	89.316	9.310	0.169	0.20034335
IPI:IPI00895852.1	0.000	0.000	n/a	n/a	1	38.145	36.165	40.935	99.370	94.687	104.184	38.415	2.396	99.414	4.749	1.372	0.00030673
IPI:IPI00900293.1	0.000	0.000	n/a	n/a	4	305.693	307.408	315.003	120.309	132.453	124.582	309.368	4.955	125.781	6.160	-1.298	0.00000364

IPI:IPI00900324.1	SYNPO2	Synaptopodin-2	51	3,259.950	3,104.480	3,210.660	3,098.110	3,179.050	3,162.740	3,191.697	79.451
IPI:IPI00900325.1	NUP214	Isoform 3 of Nuclear pore complex protein Nup214	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00900366.1	KIAA0564	Isoform 1 of Uncharacterized protein KIAA0564	5	208.830	207.735	216.405	234.300	255.275	260.028	210.990	4.721
IPI:IPI00902564.1	EIF2A	Isoform 1 of Eukaryotic translation initiation factor 2A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00902614.2	USP24	Ubiquitin carboxyl-terminal hydrolase 24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00903145.1	RDX	Radixin	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00903155.1	-	SWAP-70 protein, isoform CRA_b	18	1,068.750	1,019.010	1,071.630	1,097.000	1,159.330	1,103.370	1,053.130	29.584
IPI:IPI00903320.1	-	cDNA FLJ36571 fis, clone TRACH2012242, highly similar to Myoferlin	4	253.843	247.630	243.185	311.064	281.064	298.055	248.219	5.353
IPI:IPI00908361.1	-	cDNA FLJ55352, highly similar to Cutaneous T-cell lymphoma-associated antigen 5	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00908375.1	-	cDNA FLJ52821, highly similar to Protein transport protein Sec23A	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00908469.1	-	cDNA FLJ52712, highly similar to Tubulin beta-6 chain	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00908594.1	SYNC	cDNA FLJ54475, moderately similar to Mus musculus syncoilin (Sync), mRNA	1	26.857	24.086	25.528	27.574	27.859	29.693	25.490	1.386
IPI:IPI00908640.1	CORO7	cDNA FLJ58822, highly similar to Coronin-7	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00908881.1	GPI	Glucose-6-phosphate isomerase	28	2,069.960	1,931.870	2,015.150	1,958.640	2,177.880	1,996.730	2,005.660	69.532
IPI:IPI00908990.1	RNF214	cDNA FLJ58281	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00909085.1	SMTN	cDNA FLJ56082, highly similar to Homo sapiens smoothelin (SMTN), transcript variant 2, mRNA	5	304.926	313.220	297.495	207.564	182.545	206.517	305.214	7.866
IPI:IPI00909112.1	-	cDNA FLJ59570, highly similar to Protein farnesyltransferase subunit beta	2	74.447	76.638	74.558	66.246	60.226	64.911	75.214	1.234
IPI:IPI00909445.1	-	cDNA FLJ60140, highly similar to Density-regulated protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00909496.1	-	cDNA FLJ60082, weakly similar to Uro-adherence factor A (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00909812.1	-	cDNA FLJ54117, highly similar to CD97 antigen	10	503.406	525.665	512.749	546.828	525.813	470.716	513.940	11.177
IPI:IPI00910178.1	POR	cDNA FLJ59702, highly similar to NADPH--cytochrome P450 reductase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00910449.1	GOLGB1	cDNA FLJ54378, highly similar to Golgin subfamily B member 1 (Fragment)	1	8.621	8.941	9.003	12.585	13.301	11.879	8.855	0.205
IPI:IPI00910500.1	-	cDNA FLJ61400, highly similar to Pre-mRNA 3'-end-processing factor FIP1	3	154.015	159.400	164.582	150.749	143.921	160.888	159.332	5.284
IPI:IPI00911038.1	-	cDNA FLJ50838, highly similar to Apoptotic chromatin condensation inducer in thenucleus (Fragment)	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00911039.1	-	cDNA FLJ54408, highly similar to Heat shock 70 kDa protein 1	2	206.351	211.379	198.874	212.476	201.527	212.564	205.535	6.292
IPI:IPI00914566.2	FDPS	Farnesyl pyrophosphate synthetase	3	242.779	220.892	245.933	325.036	335.402	327.404	236.535	13.638
IPI:IPI00914853.1	LRRFIP1	leucine rich repeat (in FLII) interacting protein 1 isoform 2	1	147.242	136.124	135.046	118.813	114.022	112.191	139.471	6.752
IPI:IPI00914987.1	TLR9	Isoform 4 of Toll-like receptor 9	1	64.221	53.584	55.091	80.827	96.710	82.538	57.632	5.756
IPI:IPI00915872.1	TNRC6B	Trinucleotide repeat containing 6B	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00916757.1	DCTN1	137 kDa protein	19	1,044.320	1,061.220	1,029.610	1,060.150	1,022.800	1,074.510	1,045.050	15.818
IPI:IPI00917650.1	FAM38A	family with sequence similarity 38, member A	4	201.621	197.311	202.195	229.040	227.795	236.497	200.376	2.670
IPI:IPI00921016.1	-	cDNA FLJ52247, highly similar to Negative elongation factor E	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00921125.1	GATSL1	GATS-like protein 1	1	36.805	35.566	37.159	40.247	47.652	40.652	36.510	0.836
IPI:IPI00921860.1	DNTTIP2	cDNA FLJ61649, highly similar to Homo sapiens estrogen receptor binding protein (ERBP), mRNA	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00922250.1	C12orf75	Putative overexpressed in colon carcinoma 1 protein	5	211.866	208.322	210.440	144.817	145.248	157.191	210.209	1.783
IPI:IPI00922413.1	-	cDNA FLJ61560, highly similar to Tight junction protein ZO-2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00922561.1	-	cDNA FLJ56564, highly similar to Mitogen-activated protein kinase kinase kinase kinase 4	6	257.399	276.673	270.678	278.381	253.198	267.298	268.250	9.864
IPI:IPI00922835.1	-	WIZ protein	1	1.904	2.376	2.758	3.089	2.673	0.000	2.346	0.427
IPI:IPI00923606.1	EPRS	glutamyl-prolyl tRNA synthetase	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00924727.1	TNS3	Tensin 3 variant	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00924996.1	PDCD6IP	11 kDa protein	6	531.478	489.586	524.961	553.452	634.418	577.139	515.342	22.542
IPI:IPI00925411.1	PPIA	13 kDa protein	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00926109.1	DHX30	Isoform 2 of Putative ATP-dependent RNA helicase DHX30	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00926241.1	TBC1D4	Isoform 2 of TBC1 domain family member 4	1	11.712	12.152	12.717	4.900	6.747	6.566	12.194	0.504
IPI:IPI00926319.1	DLD	cDNA FLJ56112, highly similar to Dihydrolipoyl dehydrogenase, mitochondrial	1	33.286	42.821	37.205	46.045	40.544	40.764	37.771	4.793
IPI:IPI00926449.1	RGPD1	Protein	1	53.911	51.273	53.917	57.417	64.178	61.266	53.034	1.525
IPI:IPI00926532.1	LPP	27 kDa protein	3	303.005	228.352	293.453	319.430	358.566	328.880	274.937	40.625

IPI:IPI00900324.1	3,146.633	42.806	-0.021	0.44956439	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00900325.1	0.000	0.000	n/a	n/a	1	19.476	16.724	20.220	18.061	22.456	17.736	18.807	1.841	19.418	2.636	0.046	0.76086686
IPI:IPI00900366.1	249.868	13.690	0.244	0.02848280	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00902564.1	0.000	0.000	n/a	n/a	2	35.117	31.084	36.610	40.819	43.353	45.269	34.270	2.859	43.147	2.232	0.332	0.01499576
IPI:IPI00902614.2	0.000	0.000	n/a	n/a	2	100.801	101.891	106.388	82.089	82.114	79.756	103.027	2.962	81.320	1.354	-0.341	0.00190942
IPI:IPI00903145.1	0.000	0.000	n/a	n/a	43	1,624.270	1,588.840	1,592.630	1,805.870	1,822.640	1,837.310	1,601.913	19.454	1,821.940	15.732	0.186	0.00014346
IPI:IPI00903155.1	1,119.900	34.296	0.089	0.06444632	52	1,604.710	1,553.130	1,566.110	2,242.630	2,172.560	2,193.710	1,574.650	26.830	2,202.967	35.940	0.484	0.00003243
IPI:IPI00903320.1	296.728	15.044	0.258	0.02090331	1	110.400	132.464	106.901	43.343	33.983	42.235	116.588	13.860	39.854	5.115	-1.549	0.00548327
IPI:IPI00908361.1	0.000	0.000	n/a	n/a	11	413.299	397.922	414.521	489.419	480.861	476.252	408.581	9.251	482.177	6.681	0.239	0.00060291
IPI:IPI00908375.1	0.000	0.000	n/a	n/a	6	259.412	294.892	267.090	174.616	183.033	171.101	273.798	18.667	176.250	6.132	-0.635	0.00713867
IPI:IPI00908469.1	0.000	0.000	n/a	n/a	11	218.136	226.148	223.822	180.890	194.501	188.780	222.702	4.122	188.057	6.834	-0.244	0.00353861
IPI:IPI00908594.1	28.375	1.150	0.155	0.05198661	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00908640.1	0.000	0.000	n/a	n/a	2	22.853	21.935	23.811	16.713	22.790	16.817	22.866	0.938	18.773	3.479	-0.285	0.17206747
IPI:IPI00908881.1	2,044.417	117.141	0.028	0.65363950	1	38.770	33.633	41.839	8.068	11.785	12.630	38.081	4.146	10.828	2.427	-1.814	0.00163912
IPI:IPI00908990.1	0.000	0.000	n/a	n/a	1	43.998	42.402	43.494	51.796	58.602	65.449	43.298	0.816	58.616	6.826	0.437	0.05845844
IPI:IPI00909085.1	198.875	14.152	-0.618	0.00120293	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00909112.1	63.795	3.162	-0.238	0.01490081	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00909445.1	0.000	0.000	n/a	n/a	8	174.170	163.277	168.620	177.749	175.769	182.723	168.689	5.447	178.747	3.583	0.084	0.06494683
IPI:IPI00909496.1	0.000	0.000	n/a	n/a	3	62.916	66.482	65.790	86.499	86.128	79.409	65.062	1.891	84.012	3.990	0.369	0.00595949
IPI:IPI00909812.1	514.452	39.307	0.001	0.98571444	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00910178.1	0.000	0.000	n/a	n/a	1	21.263	25.926	22.391	28.488	13.991	22.787	23.193	2.433	21.755	7.303	-0.092	0.77334367
IPI:IPI00910449.1	12.588	0.711	0.507	0.00787831	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00910500.1	151.853	8.537	-0.069	0.27914945	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00911038.1	0.000	0.000	n/a	n/a	2	58.246	50.343	54.990	48.586	54.715	56.742	54.526	3.972	53.348	4.247	-0.032	0.74344202
IPI:IPI00911039.1	208.856	6.347	0.023	0.55566473	3	156.633	138.650	156.582	184.181	226.386	206.123	150.622	10.368	205.563	21.108	0.449	0.02875507
IPI:IPI00914566.2	329.281	5.432	0.477	0.00294873	3	135.758	107.796	124.460	150.813	176.784	156.429	122.671	14.067	161.342	13.665	0.395	0.02694696
IPI:IPI00914853.1	115.009	3.419	-0.278	0.01166789	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00914987.1	86.692	8.719	0.589	0.01216080	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00915872.1	0.000	0.000	n/a	n/a	4	121.700	114.057	120.078	124.593	114.824	125.500	118.612	4.027	121.639	5.919	0.036	0.51121123
IPI:IPI00916757.1	1,052.487	26.693	0.010	0.70427384	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00917650.1	231.111	4.706	0.206	0.00177586	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00921016.1	0.000	0.000	n/a	n/a	9	415.569	437.170	411.714	418.112	365.012	393.551	421.484	13.720	392.225	26.575	-0.104	0.18908409
IPI:IPI00921125.1	42.851	4.163	0.231	0.11349771	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00921860.1	0.000	0.000	n/a	n/a	1	53.515	51.291	57.802	56.910	56.459	55.768	54.203	3.309	56.379	0.575	0.057	0.37311199
IPI:IPI00922250.1	149.085	7.023	-0.496	0.00279917	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00922413.1	0.000	0.000	n/a	n/a	10	520.994	519.555	506.495	551.960	549.989	561.743	515.681	7.988	554.564	6.295	0.105	0.00325177
IPI:IPI00922561.1	266.292	12.622	-0.011	0.84427631	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00922835.1	1.921	1.676	-0.289	0.70760017	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00923606.1	0.000	0.000	n/a	n/a	92	4,786.740	4,629.740	4,674.970	5,415.110	5,573.530	5,453.460	4,697.150	80.816	5,480.700	82.648	0.223	0.00030239
IPI:IPI00924727.1	0.000	0.000	n/a	n/a	1	43.849	38.939	45.373	44.981	57.134	37.805	42.720	3.362	46.640	9.770	0.127	0.56754908
IPI:IPI00924996.1	588.336	41.628	0.191	0.07408807	3	176.637	144.598	169.335	175.886	190.378	174.394	163.523	16.792	180.219	8.829	0.140	0.22410528
IPI:IPI00925411.1	0.000	0.000	n/a	n/a	1	13.774	15.947	9.178	45.612	16.425	37.786	12.966	3.456	33.274	15.108	1.360	0.13982721
IPI:IPI00926109.1	0.000	0.000	n/a	n/a	10	483.111	453.381	580.174	536.176	583.842	547.684	505.555	66.309	555.901	24.873	0.137	0.31994225
IPI:IPI00926241.1	6.071	1.018	-1.006	0.00289897	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00926319.1	42.451	3.114	0.169	0.24072706	24	1,122.080	1,208.510	1,122.770	1,440.190	1,317.820	1,425.150	1,151.120	49.702	1,394.387	66.734	0.277	0.00881121
IPI:IPI00926449.1	60.954	3.392	0.201	0.03959072	1	68.319	54.392	70.540	65.702	79.545	68.538	64.417	8.753	71.262	7.312	0.146	0.35946255
IPI:IPI00926532.1	335.625	20.421	0.288	0.10542480	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a

IPI:IPI00926548.1	RCC1	30 kDa protein	2	48.823	56.956	53.042	92.620	74.146	94.192	52.940	4.067
IPI:IPI00927003.1	DLG1	13 kDa protein	1	11.726	10.015	10.990	18.356	16.682	15.934	10.911	0.858
IPI:IPI00927191.1	GLB1	galactosidase, beta 1 isoform b	6	302.540	314.184	307.400	267.858	285.191	254.056	308.041	5.848
IPI:IPI00927412.1	ZC3H15	12 kDa protein	4	285.345	227.080	279.931	219.005	267.106	246.791	264.119	32.190
IPI:IPI00927892.1	PMPCB	Mitochondrial-processing peptidase subunit beta	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
IPI:IPI00930416.1	PGAM1	Putative uncharacterized protein	9	340.210	352.155	342.551	390.805	366.555	378.266	344.972	6.330
IPI:IPI00930678.1	SNRPD2	small nuclear ribonucleoprotein D2 isoform 2	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IPI:IPI00926548.1	86.986	11.147	0.716	0.02332796	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00927003.1	16.991	1.240	0.639	0.00338475	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00927191.1	269.035	15.601	-0.195	0.03651530	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	n/a
IPI:IPI00927412.1	244.301	24.147	-0.113	0.44577757	2	104.427	85.591	101.949	100.017	116.157	99.493	97.322	10.235	105.222	9.473	0.113	0.38243598
IPI:IPI00927892.1	0.000	0.000	n/a	n/a	7	471.498	441.646	473.846	430.082	468.732	438.337	462.330	17.951	445.717	20.354	-0.053	0.35035442
IPI:IPI00930416.1	378.542	12.127	0.134	0.57775739	4	280.168	257.448	295.789	205.423	231.685	214.736	277.802	19.280	217.281	13.315	-0.354	0.01440936
IPI:IPI00930678.1	0.000	0.000	n/a	n/a	1	48.888	49.256	46.577	72.904	60.877	73.952	48.240	1.452	69.244	7.265	0.521	0.03360610