

Supporting Information

Identification of molecular network associated with neuroprotective effects of Yashtimadhu (*Glycyrrhiza glabra L.*) by quantitative proteomics of rotenone-induced Parkinson's disease model

Gayathree Karthikkeyan¹, Mohd. Altaf Najar¹, Ravishankar Pervaje², Sameera Krishna Pervaje³, Prashant Kumar Modi^{1, *}, and Thottethodi Subrahmanya Keshava Prasad^{1, *}

¹ Center for Systems Biology and Molecular Medicine, Yenepoya Research Centre, Yenepoya (Deemed to be University), Mangalore -575018, India

² Sushrutha Ayurveda Hospital, Puttur 574201, India

³ Yenepoya Medical College, Yenepoya (Deemed to be University), Mangalore -575018, India

*Email: keshav@yenepoya.edu.in;

*Email: prashantmodi@yenepoya.edu.in

Contains

Figure S1: (A) Western blotting analysis showing expression of TH after differentiation with retinoic acid treatment, (B) Bar graph showing the densitometry analysis of tyrosine hydroxylase expression, (C) Cell cytotoxicity analysis with different concentrations of rotenone at 24 h and 48 h, and (D) Cell cytotoxicity analysis with different concentrations of Yashtimadhu at 48h

Table S1: List of proteins identified and their respective abundances

Table S2: Identification transcription factors regulating proteins differentially expressed with rotenone

Table S3: Identification transcription factors regulating proteins differentially expressed with Yashtimadhu co-treatment

Table S4: Protein-protein interaction analysis using STRING

Table S5: Lead metabolites identified in Yashtimadhu choorna

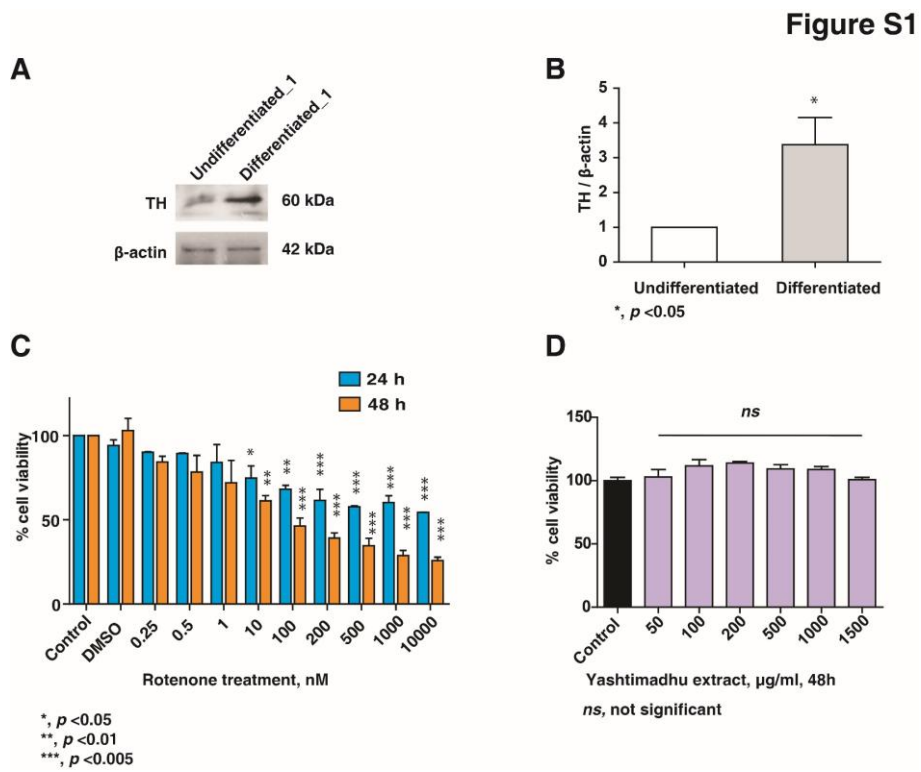


Figure S1: (A) Western blotting analysis showing expression of TH after differentiation with retinoic acid treatment, (B) Bar graph showing the densitometry analysis of tyrosine hydroxylase expression, (C) Cell cytotoxicity analysis with different concentrations of rotenone at 24 h and 48 h, and (D) Cell cytotoxicity analysis with different concentrations of Yashtimadhu at 48h

Table S1: List of proteins with the respective fold change and statistical test values

Protein Accession	Gene Symbol	Description	Mean R/C	Mean RY/R	Mean RY/C	Mean Y/C	q-value _R/C	p-value _R/C	q-value _RY/R	p-value _RY/R
XP_005251033.1	PLEC	plectin isoform X3	1.05	1.00	1.05	0.98	1.51E-02	1.40E-03	4.55E-02	3.61E-03
XP_011515432.1	PLEC	plectin isoform X2	1.35	0.79	1.05	1.29	1.71E-01	8.81E-02	2.37E-01	1.24E-01
NP_005091.2	AKAP12	A-kinase anchor protein 12 isoform 1	0.81	1.14	0.92	1.02	2.80E-03	5.62E-05	1.80E-02	6.36E-05
NP_001611.1	AHNAK	neuroblast differentiation-associated protein AHNAK isoform 1	0.97	1.04	1.01	1.09	2.03E-01	1.12E-01	9.03E-02	2.41E-02
NP_006280.3	TLN1	talin-1	1.05	1.01	1.06	1.02	5.39E-03	1.71E-04	3.53E-02	1.60E-03
NP_008835.5	PRKDC	DNA-dependent protein kinase catalytic subunit isoform 1	1.07	0.93	1.00	0.99	4.23E-03	1.11E-04	3.31E-02	4.30E-04
NP_001352542.1	RRBP1	ribosome-binding protein 1 isoform 1	0.96	0.98	0.93	0.98	5.09E-02	1.36E-02	1.48E-01	5.90E-02
XP_006717563.1	VIM	vimentin isoform X1	1.06	1.00	1.06	0.98	1.23E-01	5.46E-02	1.51E-01	6.09E-02
NP_002464.1	MYH9	myosin-9	1.06	1.02	1.07	1.05	4.50E-02	1.07E-02	1.27E-01	4.53E-02
NP_001104026.1	FLNA	filamin-A isoform 2	1.03	1.14	1.18	1.03	4.71E-02	1.16E-02	3.53E-02	1.69E-03
XP_005254502.1	PKM	pyruvate kinase PKM isoform X4	1.07	0.98	1.05	1.06	1.07E-01	4.45E-02	9.78E-02	2.81E-02
NP_001258898.1	HSP90AB1	heat shock protein HSP 90-beta isoform a	1.12	0.97	1.09	0.99	3.39E-02	6.36E-03	5.18E-02	5.77E-03
NP_001017963.2	HSP90AA1	heat shock protein HSP 90-alpha isoform 1	1.08	1.02	1.11	0.99	8.97E-02	3.38E-02	1.62E-01	6.92E-02
NP_005338.1	HSPA5	endoplasmic reticulum chaperone BiP precursor	1.11	1.05	1.16	0.99	3.89E-02	8.21E-03	1.00E-01	2.93E-02
NP_001275582.1	CLTC	clathrin heavy chain 1 isoform 2	1.04	1.01	1.06	1.03	2.44E-02	3.36E-03	2.57E-01	1.39E-01
NP_001952.1	EEF2	elongation factor 2	1.02	1.00	1.02	0.96	2.88E-01	1.81E-01	3.01E-01	1.78E-01
NP_002147.2	HSPD1	60 kDa heat shock protein, mitochondrial	0.99	1.05	1.04	0.98	7.37E-01	6.52E-01	2.20E-01	1.10E-01
NP_002853.2	PYGB	glycogen phosphorylase, brain form	1.20	1.03	1.23	1.12	3.45E-03	7.89E-05	3.31E-02	4.57E-04
XP_011522182.1	MYH10	myosin-10 isoform X3	0.99	0.99	0.98	1.03	2.60E-01	1.58E-01	9.95E-01	9.93E-01
NP_001419.1	ENO1	alpha-enolase isoform 1	1.02	1.05	1.07	0.99	3.10E-02	5.20E-03	1.36E-01	5.05E-02
XP_011541100.1	HSPA8	heat shock cognate 71 kDa protein isoform X1	1.02	1.00	1.02	1.02	3.52E-01	2.36E-01	4.18E-01	2.90E-01
NP_733821.1	LMNA	lamin isoform A	1.13	0.98	1.11	1.07	8.44E-03	3.97E-04	3.31E-02	5.24E-04
NP_003118.2	SPTAN1	spectrin alpha chain, non-erythrocytic 1 isoform 2	0.88	1.02	0.90	0.94	2.51E-03	4.33E-05	3.53E-02	1.69E-03
NP_006608.1	NES	nestin	0.91	0.99	0.90	0.93	4.12E-03	1.03E-04	3.53E-02	1.73E-03
XP_016877802.1	PKM	pyruvate kinase PKM isoform X5	1.08	0.98	1.06	1.04	1.05E-01	4.34E-02	2.57E-01	1.39E-01
NP_001367.2	DYNC1H1	cytoplasmic dynein 1 heavy chain 1	1.10	0.98	1.08	1.03	2.43E-03	3.85E-05	3.69E-02	1.96E-03
NP_003290.1	HSP90B1	endoplasmic precursor	1.03	1.05	1.09	0.97	1.60E-02	1.55E-03	3.47E-01	2.20E-01
NP_001605.1	ACTG1	actin, cytoplasmic 2	1.06	1.08	1.14	1.14	5.01E-01	3.83E-01	8.03E-01	7.30E-01
NP_001092.1	ACTB	actin, cytoplasmic 1	1.01	1.05	1.06	1.02	3.08E-01	1.96E-01	1.15E-01	3.77E-02
NP_004902.1	PDIA4	protein disulfide-isomerase A4 isoform 2 precursor	1.03	1.05	1.08	0.95	3.05E-01	1.94E-01	3.45E-01	2.17E-01
NP_006827.1	GCN1	eIF-2-alpha kinase activator GCN1	1.02	1.01	1.03	1.00	2.80E-03	5.41E-05	2.19E-01	1.09E-01
NP_005372.2	NCL	nucleolin	0.77	1.07	0.82	0.85	1.73E-02	1.83E-03	3.53E-02	1.40E-03
XP_016885266.1	UBA1	ubiquitin-like modifier-activating enzyme 1 isoform X1	1.12	1.00	1.11	1.01	3.16E-02	5.41E-03	5.01E-02	5.12E-03
NP_002037.2	GAPDH	glyceraldehyde-3-phosphate dehydrogenase isoform 1	1.08	0.99	1.07	1.00	4.67E-02	1.15E-02	6.88E-02	1.28E-02
NP_006810.1	STIP1	stress-induced-phosphoprotein 1 isoform b	0.87	1.07	0.93	0.96	1.27E-02	9.22E-04	3.31E-02	4.90E-04
NP_002145.3	HSPA4	heat shock 70 kDa protein 4	1.10	0.98	1.09	1.00	4.23E-04	2.03E-06	5.35E-02	6.49E-03
NP_005900.2	MAP1B	microtubule-associated protein 1B isoform 1	0.90	1.04	0.94	0.94	7.16E-03	2.91E-04	3.31E-02	3.65E-04
NP_004915.2	ACTN4	alpha-actinin-4 isoform 1	1.06	1.03	1.09	1.01	3.93E-02	8.38E-03	1.31E-01	4.78E-02
NP_009057.1	VCP	transitional endoplasmic reticulum ATPase isoform 1	1.04	1.01	1.05	0.97	2.38E-02	3.22E-03	1.22E-01	4.19E-02
NP_005304.3	PDIA3	protein disulfide-isomerase A3 precursor	1.00	1.07	1.07	1.00	9.14E-01	8.76E-01	9.33E-02	2.60E-02
XP_016860269.1	SPTBN1	spectrin beta chain, non-erythrocytic 1 isoform X1	0.97	0.96	0.93	0.96	1.03E-01	4.16E-02	2.87E-01	1.66E-01
NP_000282.1	PGK1	phosphoglycerate kinase 1	1.08	1.01	1.10	1.07	3.05E-02	5.09E-03	5.62E-02	7.34E-03

NP_004125.3	HSPA9	stress-70 protein, mitochondrial precursor	1.01	1.02	1.03	1.01	3.68E-01	2.51E-01	3.82E-01	2.53E-01
NP_004437.2	EPRS1	bifunctional glutamate/proline--tRNA ligase	1.12	1.01	1.12	1.05	1.60E-02	1.54E-03	5.00E-02	4.90E-03
NP_006079.1	TUBB4B	tubulin beta-4B chain	0.94	0.97	0.91	0.90	3.13E-02	5.34E-03	1.46E-01	5.80E-02
NP_001677.2	ATP5F1B	ATP synthase subunit beta, mitochondrial precursor	1.09	0.95	1.04	1.00	1.06E-02	5.99E-04	3.38E-02	8.52E-04
NP_004095.4	FASN	fatty acid synthase	0.99	0.98	0.98	1.03	5.67E-01	4.57E-01	6.81E-01	5.78E-01
NP_006635.2	HSPH1	heat shock protein 105 kDa isoform 1	1.03	0.97	1.00	0.98	5.36E-02	1.50E-02	5.20E-02	5.88E-03
NP_001244957.1	TKT	transketolase isoform 2	1.10	1.01	1.12	1.09	9.04E-03	4.47E-04	5.64E-02	7.43E-03
NP_003861.1	IQGAP1	ras GTPase-activating-like protein IQGAP1	1.14	1.00	1.14	1.05	6.12E-03	2.14E-04	3.53E-02	1.34E-03
XP_016884692.1	HUWE1	E3 ubiquitin-protein ligase HUWE1 isoform X8	1.08	0.97	1.05	1.01	1.46E-02	1.29E-03	3.45E-02	1.04E-03
XP_005271449.1	HYOU1	hypoxia up-regulated protein 1 isoform X1	1.06	1.05	1.12	1.04	3.29E-02	5.89E-03	2.23E-01	1.12E-01
XP_006720201.1	KTN1	kinectin isoform X1	1.05	1.01	1.06	1.02	2.47E-02	3.44E-03	1.36E-01	5.13E-02
NP_821133.1	TUBB	tubulin beta chain isoform b	0.94	0.95	0.90	0.91	6.28E-02	1.95E-02	5.08E-01	3.83E-01
NP_006422.1	CCT2	T-complex protein 1 subunit beta isoform 1	1.02	1.04	1.06	0.99	1.71E-01	8.81E-02	4.91E-01	3.65E-01
NP_001341087.1	ACSL3	long-chain-fatty-acid--CoA ligase 3	1.14	1.10	1.26	1.15	3.72E-02	7.50E-03	2.70E-01	1.51E-01
NP_000692.2	ATP1A1	sodium/potassium-transporting ATPase subunit alpha-1 isoform a	0.98	1.07	1.06	1.11	4.08E-01	2.88E-01	7.83E-02	1.69E-02
NP_001888.2	CSPG4	chondroitin sulfate proteoglycan 4 precursor	1.06	1.07	1.13	1.14	3.05E-02	5.06E-03	6.25E-01	5.14E-01
XP_011543365.1	NUMA1	nuclear mitotic apparatus protein 1 isoform X1	0.98	0.96	0.94	1.01	5.49E-02	1.56E-02	8.90E-02	2.34E-02
NP_001596.2	AARS1	alanine--tRNA ligase, cytoplasmic	1.10	1.08	1.19	1.05	5.48E-02	1.55E-02	5.09E-01	3.85E-01
NP_004492.2	HNRNPU	heterogeneous nuclear ribonucleoprotein U isoform b	0.81	1.21	0.98	0.86	5.25E-02	1.45E-02	4.72E-02	4.06E-03
NP_114032.2	HNRNPU	heterogeneous nuclear ribonucleoprotein U isoform a	1.06	0.93	0.98	1.01	1.58E-02	1.51E-03	4.32E-02	2.77E-02
XP_011529261.1	MSN	moesin isoform X1	1.09	1.05	1.14	1.09	1.49E-02	1.33E-03	8.79E-02	2.28E-02
NP_000173.2	HADHA	trifunctional enzyme subunit alpha, mitochondrial precursor	1.08	0.97	1.04	1.06	5.09E-02	1.35E-02	6.09E-02	9.43E-03
NP_000691.1	ANXA1	annexin A1	1.09	1.00	1.09	1.07	2.87E-02	4.56E-03	5.00E-02	4.81E-03
NP_000909.2	P4HB	protein disulfide-isomerase precursor	0.94	1.08	1.02	0.92	1.10E-01	4.59E-02	6.19E-02	9.74E-03
NP_004030.1	ANXA2	annexin A2 isoform 2	1.16	1.03	1.20	1.04	1.46E-02	1.26E-03	5.79E-02	8.15E-03
NP_908932.1	ALDOA	fructose-bisphosphate aldolase A isoform 1	1.05	1.05	1.10	1.08	1.46E-02	1.26E-03	4.74E-01	3.47E-01
NP_573566.2	LRPPRC	leucine-rich PPR motif-containing protein, mitochondrial precursor	1.00	0.94	0.95	1.04	7.73E-01	6.95E-01	7.02E-02	1.34E-02
NP_002511.1	NPM1	nucleophosmin isoform 1	0.85	1.01	0.86	0.92	1.89E-02	2.13E-03	3.98E-02	2.32E-03
NP_001032827.1	NPM1	nucleophosmin isoform 3	0.97	1.12	1.09	1.00	5.33E-01	4.18E-01	1.35E-01	5.01E-02
NP_001152759.1	TPI1	triosephosphate isomerase isoform 2	1.04	0.99	1.02	1.04	1.24E-01	5.55E-02	1.15E-01	3.77E-02
NP_003312.3	TUFM	elongation factor Tu, mitochondrial isoform 1 precursor	1.07	0.98	1.05	1.02	5.14E-02	1.39E-02	5.79E-02	8.08E-03
NP_001275905.1	XRCC6	X-ray repair cross-complementing protein 6 isoform 1	1.09	0.96	1.05	1.01	8.41E-03	3.94E-04	4.75E-02	4.13E-03
NP_055205.2	SND1	staphylococcal nuclease domain-containing protein 1	1.06	1.01	1.08	1.06	2.70E-02	4.10E-03	5.34E-02	6.31E-03
NP_066964.1	XRCC5	X-ray repair cross-complementing protein 5	1.05	0.95	1.00	0.99	8.45E-02	3.09E-02	6.14E-02	9.60E-03
NP_006816.2	CKAP4	cytoskeleton-associated protein 4	1.04	1.03	1.07	0.97	1.00E-01	4.00E-02	4.25E-01	2.97E-01
NP_036205.1	CCT5	T-complex protein 1 subunit epsilon isoform a	1.06	1.00	1.06	1.01	3.41E-02	6.44E-03	5.50E-02	6.98E-03
NP_005909.2	MDH2	malate dehydrogenase, mitochondrial isoform 1 precursor	1.09	0.98	1.07	1.01	3.04E-02	5.04E-03	5.18E-02	5.68E-03
NP_001276052.1	TUBB4A	tubulin beta-4A chain isoform 1	0.92	1.25	1.13	0.98	4.22E-01	3.02E-01	5.66E-01	4.47E-01
NP_006077.2	TUBB3	tubulin beta-3 chain isoform 1	0.93	0.90	0.84	0.88	3.39E-02	6.30E-03	2.19E-01	1.10E-01
NP_001348.2	DHX9	ATP-dependent RNA helicase A	1.08	0.92	1.00	1.02	7.41E-03	3.07E-04	3.53E-02	1.57E-03
NP_002131.2	HNRNPK	heterogeneous nuclear ribonucleoprotein K isoform a	1.31	0.83	1.08	1.11	2.53E-01	1.51E-01	1.63E-01	6.96E-02
NP_001337407.1	CAPI	adenylyl cyclase-associated protein 1 isoform a	0.77	1.38	1.06	0.88	2.09E-01	1.17E-01	9.78E-02	2.81E-02
XP_016858683.1	IMMT	MICOS complex subunit MIC60 isoform X1	1.08	0.98	1.06	1.05	4.79E-02	1.20E-02	5.92E-02	8.64E-03
NP_006576.2	CCT8	T-complex protein 1 subunit theta isoform 1	1.14	0.98	1.12	1.05	5.23E-02	1.44E-02	6.60E-02	1.13E-02
NP_005337.2	HSPA1B	heat shock 70 kDa protein 1B	1.09	1.03	1.12	1.04	4.71E-02	1.16E-02	1.18E-01	3.98E-02
NP_001393.1	EEF1A1	elongation factor 1-alpha 1	1.13	0.96	1.08	0.99	4.79E-02	1.20E-02	5.44E-02	6.87E-03
NP_004037.1	ATP5F1A	ATP synthase subunit alpha, mitochondrial isoform a precursor	1.09	0.97	1.06	1.02	1.99E-02	2.35E-03	5.85E-02	8.43E-03

NP_001337414.1	CAPI	adenylyl cyclase-associated protein 1 isoform b	1.10	1.01	1.11	1.06	1.44E-02	1.22E-03	4.43E-02	3.17E-03
NP_003283.2	TPR	nucleoprotein TPR	0.98	1.01	0.99	0.96	1.43E-02	1.17E-03	1.45E-01	5.68E-02
NP_006073.2	TUBA1B	tubulin alpha-1B chain	0.98	0.94	0.92	1.00	7.28E-01	6.41E-01	4.44E-01	3.16E-01
NP_005959.2	HNRNPM	heterogeneous nuclear ribonucleoprotein M isoform a	0.98	1.00	0.98	0.96	1.32E-01	6.03E-02	2.29E-01	1.17E-01
NP_006421.2	CCT4	T-complex protein 1 subunit delta isoform a	1.05	0.98	1.04	1.01	9.54E-02	3.68E-02	1.45E-01	5.69E-02
XP_011526286.2	ILF3	interleukin enhancer-binding factor 3 isoform X1	1.04	0.99	1.03	1.01	7.19E-02	2.38E-02	1.07E-01	3.32E-02
XP_011532005.1	MAP4	microtubule-associated protein 4 isoform X2	0.90	1.04	0.93	0.94	6.30E-02	1.96E-02	8.74E-02	2.25E-02
NP_001060.1	TUBB2A	tubulin beta-2A chain isoform 1	0.94	1.03	0.97	0.96	7.53E-02	2.57E-02	6.90E-02	1.30E-02
NP_005312.1	H1-4	histone H1.4	0.72	1.17	0.85	0.79	3.84E-02	7.90E-03	5.18E-02	5.75E-03
NP_054733.2	SNRNP200	U5 small nuclear ribonucleoprotein 200 kDa helicase	1.05	0.93	0.97	1.01	4.47E-02	1.06E-02	3.53E-02	1.72E-03
NP_055752.1	INPP5F	phosphatidylinositol phosphatase SAC2 isoform 1	1.10	1.05	1.16	1.16	2.86E-02	4.49E-03	1.01E-01	2.98E-02
NP_005498.1	CFL1	cofilin-1	0.99	0.99	0.97	1.02	2.87E-01	1.80E-01	7.69E-01	6.85E-01
XP_024309291.1	MAP4	microtubule-associated protein 4 isoform X1	1.00	0.91	0.87	0.88	9.53E-01	9.34E-01	8.37E-01	7.72E-01
NP_006420.1	CCT7	T-complex protein 1 subunit eta isoform a	1.11	1.01	1.12	1.04	5.02E-04	3.07E-06	1.80E-02	5.54E-05
NP_005989.3	CCT3	T-complex protein 1 subunit gamma isoform a	1.03	1.07	1.10	0.99	2.14E-01	1.20E-01	1.84E-01	8.46E-02
XP_005245768.1	HNRNPR	heterogeneous nuclear ribonucleoprotein R isoform X2	1.00	0.96	0.96	0.93	8.53E-01	7.94E-01	1.65E-01	7.10E-02
NP_004334.1	CALR	calreticulin precursor	0.89	1.04	0.92	0.92	1.55E-02	1.46E-03	3.49E-02	1.15E-03
NP_064502.9	LARS1	leucine--tRNA ligase, cytoplasmic isoform 1	1.09	0.98	1.06	1.03	2.95E-02	4.80E-03	5.11E-02	5.38E-03
NP_001129172.1	YWHAZ	14-3-3 protein zeta/delta	0.99	1.03	1.02	0.91	3.59E-01	2.42E-01	9.59E-02	2.74E-02
XP_016877209.1	ACTN1	alpha-actinin-1 isoform X1	1.05	1.01	1.06	1.03	7.39E-02	2.48E-02	1.15E-01	3.79E-02
NP_001290043.1	TUBA1C	tubulin alpha-1C chain isoform a	0.93	0.93	0.86	0.87	9.79E-02	3.82E-02	9.42E-01	9.14E-01
NP_056474.2	RSL1D1	ribosomal L1 domain-containing protein 1	1.01	1.04	1.05	1.03	7.17E-02	2.36E-02	7.18E-02	1.42E-02
NP_001339990.1	GSN	gelsolin isoform b	0.97	1.11	1.08	1.03	1.51E-02	1.39E-03	3.31E-02	3.91E-04
NP_002878.2	RARS1	arginine--tRNA ligase, cytoplasmic	1.09	0.95	1.04	1.01	7.06E-03	2.83E-04	4.30E-02	2.67E-03
NP_001290203.1	ACLY	ATP-citrate synthase isoform 3	1.20	0.98	1.18	1.13	4.28E-01	3.08E-01	4.16E-01	2.88E-01
NP_005310.1	H1-2	histone H1.2	0.74	1.08	0.80	0.82	1.86E-02	2.05E-03	4.59E-02	3.83E-03
XP_005252022.1	HNRNPK	heterogeneous nuclear ribonucleoprotein K isoform X3	0.94	0.96	0.90	0.93	3.29E-02	5.88E-03	2.96E-01	1.74E-01
NP_001290204.1	ACLY	ATP-citrate synthase isoform 4	1.04	0.99	1.03	1.02	7.03E-02	2.30E-02	1.39E-01	5.30E-02
NP_001257376.1	ACADVL	very long-chain specific acyl-CoA dehydrogenase, mitochondrial isoform 3	1.13	1.01	1.14	1.13	6.22E-03	2.20E-04	5.94E-02	8.71E-03
NP_005222.2	CTTN	src substrate contactin isoform a	0.78	1.08	0.84	0.89	2.04E-04	4.35E-07	1.51E-03	4.01E-07
NP_006752.1	YWHAE	14-3-3 protein epsilon	0.88	1.04	0.92	0.90	1.37E-02	1.10E-03	3.38E-02	7.45E-04
NP_001753.1	CCT6A	T-complex protein 1 subunit zeta isoform a	1.05	1.06	1.11	1.02	7.54E-02	2.58E-02	7.86E-01	7.07E-01
NP_001302466.1	LDHB	L-lactate dehydrogenase B chain isoform LDHBx	1.09	0.95	1.03	1.02	6.22E-02	1.91E-02	6.88E-02	1.28E-02
XP_006713191.1	IMPDH2	inosine-5'-monophosphate dehydrogenase 2 isoform X1	1.10	0.98	1.07	1.02	4.60E-02	1.12E-02	6.85E-02	1.26E-02
NP_005311.1	H1-3	histone H1.3	0.76	1.11	0.84	0.83	9.81E-04	8.08E-06	3.31E-02	5.97E-04
NP_056991.2	LAP3	cytosol aminopeptidase	1.04	0.98	1.02	1.05	1.43E-02	1.18E-03	3.38E-02	7.99E-04
NP_004719.2	DDX21	nucleolar RNA helicase 2 isoform 1	0.92	1.00	0.93	0.96	2.93E-02	4.73E-03	5.01E-02	5.11E-03
NP_060918.2	CAND1	cullin-associated NEDD8-dissociated protein 1 isoform 1	1.07	0.96	1.03	1.00	1.07E-02	6.55E-04	6.09E-02	9.45E-03
NP_110379.2	TCP1	T-complex protein 1 subunit alpha isoform a	1.14	0.95	1.09	1.02	1.70E-02	1.77E-03	3.98E-02	2.31E-03
NP_004784.2	LONP1	lon protease homolog, mitochondrial isoform 1 precursor	1.16	0.96	1.11	1.07	4.23E-04	1.90E-06	3.53E-02	1.40E-03
NP_001609.2	PARP1	poly [ADP-ribose] polymerase 1	1.05	1.00	1.05	1.02	1.34E-02	1.02E-03	7.21E-02	1.46E-02
XP_005249786.1	HNRNPA2B1	heterogeneous nuclear ribonucleoproteins A2/B1 isoform X1	0.87	1.02	0.89	0.92	2.55E-02	3.63E-03	4.47E-02	3.38E-03
NP_733765.1	ATP2A2	sarcoplasmic/endoplasmic reticulum calcium ATPase 2 isoform b	1.09	0.99	1.09	1.01	2.55E-02	3.61E-03	4.55E-02	3.65E-03
NP_064505.1	UGGT1	UDP-glucose:glycoprotein glucosyltransferase 1 precursor	1.12	1.04	1.16	1.06	5.38E-02	1.52E-02	1.62E-01	6.93E-02
NP_000959.2	RPL4	60S ribosomal protein L4	1.08	1.02	1.10	0.98	8.44E-02	3.09E-02	2.27E-01	1.15E-01
XP_016865667.1	SYNCRIP	heterogeneous nuclear ribonucleoprotein Q isoform X4	0.97	1.00	0.97	0.92	3.38E-02	6.16E-03	1.04E-01	3.13E-02
NP_001353228.1	KHSRP	far upstream element-binding protein 2 isoform 2	0.84	1.02	0.86	0.92	1.55E-02	1.46E-03	3.53E-02	1.18E-03

NP_001616.1	AK2	adenylate kinase 2, mitochondrial isoform a	1.06	1.00	1.06	1.08	1.72E-01	8.90E-02	1.94E-01	9.25E-02
NP_005557.1	LDHA	L-lactate dehydrogenase A chain isoform 1	1.02	0.98	0.99	1.03	4.02E-01	2.81E-01	1.80E-01	8.21E-02
NP_003698.1	RUVBL1	ruvB-like 1 isoform 1	1.06	0.96	1.02	1.02	3.54E-02	6.80E-03	5.11E-02	5.45E-03
XP_005268559.1	TCOF1	treacle protein isoform X1	0.97	1.02	0.99	1.05	1.51E-02	1.39E-03	5.35E-02	6.60E-03
XP_016877118.1	WARS1	tryptophan-tRNA ligase, cytoplasmic isoform X1	1.04	1.04	1.08	0.97	2.66E-02	3.97E-03	3.62E-01	2.34E-01
NP_001091868.1	COPA	coatomer subunit alpha isoform 1	1.03	0.94	0.96	1.00	7.97E-02	2.79E-02	4.47E-02	3.43E-03
NP_002897.1	RDX	radixin isoform 2	1.05	1.01	1.05	1.04	4.58E-01	3.38E-01	6.09E-01	4.95E-01
NP_001407.1	EIF4A1	eukaryotic initiation factor 4A-1 isoform 1	0.88	0.90	0.80	0.98	3.13E-02	5.29E-03	2.90E-01	1.68E-01
XP_011537116.1	EEA1	early endosome antigen 1 isoform X1	0.97	1.02	0.99	1.03	3.35E-01	2.19E-01	2.90E-01	1.69E-01
NP_001357270.1	HMGB1	high mobility group protein B1 isoform 1	0.78	1.03	0.80	0.86	2.86E-02	4.53E-03	4.78E-02	4.19E-03
XP_011535013.1	HNRNPC	heterogeneous nuclear ribonucleoproteins C1/C2 isoform X1	0.99	0.92	0.91	0.96	4.24E-01	3.05E-01	7.52E-02	1.58E-02
NP_004035.2	ATIC	bifunctional purine biosynthesis protein PURH	1.08	0.97	1.05	1.03	1.48E-03	1.54E-05	3.38E-02	8.63E-04
NP_004512.1	KIF5B	kinesin-1 heavy chain	1.05	1.02	1.07	1.04	5.90E-02	1.76E-02	1.27E-01	4.55E-02
NP_061322.2	MATR3	matrin-3 isoform a	1.01	0.96	0.97	1.00	6.87E-01	5.94E-01	2.41E-01	1.27E-01
NP_000179.2	HK1	hexokinase-1 isoform HK1	1.03	0.96	0.99	1.03	3.89E-02	8.17E-03	4.67E-02	3.94E-03
NP_001091.1	ACTA1	actin, alpha skeletal muscle	1.02	1.00	1.02	1.06	5.14E-01	3.98E-01	5.22E-01	3.98E-01
NP_001145.1	ANXA5	annexin A5	1.10	0.98	1.08	1.03	2.82E-02	4.33E-03	6.73E-02	1.20E-02
NP_005564.1	LMNB1	lamin-B1 isoform 1	1.08	0.99	1.07	1.04	3.19E-02	5.52E-03	1.43E-01	5.56E-02
NP_001157789.1	FLNB	filamin-B isoform 1	1.05	1.11	1.17	1.11	1.64E-01	8.31E-02	2.01E-01	9.74E-02
NP_005106.2	MVP	major vault protein isoform 1	1.14	1.00	1.15	1.08	1.66E-02	1.70E-03	4.33E-02	2.84E-03
NP_000684.2	ALDH1A3	aldehyde dehydrogenase family 1 member A3 isoform 1	0.97	1.03	1.00	1.05	1.33E-01	6.15E-02	7.51E-02	1.56E-02
NP_938148.1	GANAB	neutral alpha-glucosidase AB isoform 2 precursor	1.13	1.00	1.13	1.03	5.66E-02	1.63E-02	7.83E-02	1.69E-02
NP_112420.1	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1 isoform b	0.85	1.01	0.86	0.91	3.38E-02	6.17E-03	5.08E-02	5.31E-03
NP_002941.1	RPN1	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 precursor	1.08	0.97	1.04	1.03	1.86E-03	2.42E-05	3.53E-02	1.20E-03
NP_001036816.1	TPM3	tropomyosin alpha-3 chain isoform Tpm3.2cy	0.76	1.08	0.81	0.95	1.07E-02	6.56E-04	3.31E-02	4.41E-04
NP_001741.4	CAST	calpastatin isoform a	0.81	1.07	0.86	0.92	4.68E-03	1.30E-04	3.31E-02	2.55E-04
NP_001099008.1	MYBBP1A	myb-binding protein 1A isoform 1	1.08	0.95	1.03	1.02	8.06E-02	2.87E-02	7.96E-02	1.79E-02
NP_001243731.1	RPS3	40S ribosomal protein S3 isoform 1	1.06	0.97	1.02	0.99	4.10E-02	8.97E-03	4.82E-02	4.35E-03
NP_006657.1	RUVBL2	ruvB-like 2 isoform 1	1.05	0.96	1.01	1.02	8.48E-02	3.11E-02	7.18E-02	1.43E-02
NP_006182.2	PA2G4	proliferation-associated protein 2G4	1.10	0.97	1.07	1.03	4.23E-04	2.01E-06	2.60E-02	1.28E-04
XP_024306305.1	PRPF8	pre-mRNA-processing-splicing factor 8 isoform X1	1.08	0.95	1.02	0.99	4.18E-02	9.31E-03	6.80E-02	1.23E-02
NP_006817.1	YWHAQ	14-3-3 protein theta	1.03	1.02	1.05	0.99	1.05E-01	4.28E-02	5.43E-01	4.21E-01
NP_003741.1	EIF3A	eukaryotic translation initiation factor 3 subunit A	0.93	0.97	0.90	0.98	1.77E-01	9.25E-02	4.09E-01	2.80E-01
NP_005262.1	GLUD1	glutamate dehydrogenase 1, mitochondrial isoform a precursor	1.17	0.97	1.14	1.09	3.35E-04	9.16E-07	1.80E-02	5.97E-05
NP_938149.2	GANAB	neutral alpha-glucosidase AB isoform 3 precursor	0.92	1.33	1.15	1.03	7.37E-01	6.53E-01	5.61E-01	4.40E-01
XP_005250918.1	PABPC1	polyadenylate-binding protein 1 isoform X1	0.96	0.99	0.96	0.93	1.95E-01	1.06E-01	2.77E-01	1.57E-01
XP_016883528.1	YWHAH	14-3-3 protein beta/alpha isoform X1	0.91	1.04	0.94	0.92	1.06E-04	8.45E-08	3.45E-02	1.04E-03
XP_006724052.1	GART	trifunctional purine biosynthetic protein adenosine-3 isoform X1	1.05	0.99	1.04	1.02	1.06E-02	6.11E-04	3.53E-02	1.30E-03
NP_004484.1	HSD17B10	3-hydroxyacyl-CoA dehydrogenase type-2 isoform 1	1.07	0.98	1.05	1.03	1.46E-01	7.02E-02	1.26E-01	4.43E-02
NP_003277.1	TOP1	DNA topoisomerase 1	0.98	0.95	0.93	0.96	1.21E-01	5.36E-02	8.65E-02	2.17E-02
NP_002005.1	FKBP4	peptidyl-prolyl cis-trans isomerase FKBP4	1.08	0.98	1.06	1.05	9.90E-02	3.90E-02	9.64E-02	2.75E-02
NP_001351766.1	MTHFD1	C-1-tetrahydrofolate synthase, cytoplasmic isoform 2	1.06	0.97	1.04	1.00	1.32E-01	6.04E-02	1.05E-01	3.21E-02
NP_001351609.1	TPM3	tropomyosin alpha-3 chain isoform 11	0.75	1.11	0.84	0.93	1.03E-02	5.69E-04	3.31E-02	3.01E-04
NP_001130002.1	SERPINE2	glia-derived nexin isoform c precursor	0.76	0.90	0.69	0.94	1.43E-02	1.19E-03	5.35E-02	6.51E-03
NP_001184222.1	DPYSL2	dihydropyrimidinase-related protein 2 isoform 1	1.00	0.88	0.88	0.92	6.31E-02	1.96E-02	1.80E-02	3.83E-05
NP_005313.1	H1-5	histone H1.5	0.82	1.08	0.88	0.86	3.85E-02	7.93E-03	4.87E-02	4.55E-03
NP_001035908.1	CAST	calpastatin isoform i	0.84	1.03	0.86	1.01	2.48E-01	1.47E-01	2.31E-01	1.18E-01

XP_005254109.1	IPOS	importin-5 isoform X1	1.07	0.95	1.02	0.98	6.82E-02	2.20E-02	6.01E-02	9.07E-03
NP_055040.2	PPP2R1A	serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform isoform 1	1.01	0.98	0.99	1.00	4.94E-01	3.76E-01	2.15E-01	1.07E-01
NP_003671.1	YARS1	tyrosine--tRNA ligase, cytoplasmic	1.15	1.02	1.17	1.07	3.89E-02	8.19E-03	6.71E-02	1.19E-02
NP_001129125.1	PABPC4	polyadenylate-binding protein 4 isoform 1	1.02	0.98	1.00	0.98	3.30E-01	2.15E-01	1.63E-01	7.00E-02
NP_057535.1	COPB1	coatomer subunit beta	1.01	0.94	0.95	0.99	1.03E-01	4.15E-02	8.29E-02	1.97E-02
NP_001091974.1	DDX17	probable ATP-dependent RNA helicase DDX17 isoform 3	1.05	0.95	1.00	1.04	9.65E-02	3.75E-02	6.66E-02	1.17E-02
NP_002100.2	HARS1	histidine--tRNA ligase, cytoplasmic isoform 1	1.10	0.98	1.08	1.03	5.25E-02	1.45E-02	6.34E-02	1.02E-02
NP_000958.1	RPL3	60S ribosomal protein L3 isoform a	1.09	0.94	1.03	0.97	3.19E-02	5.59E-03	4.27E-02	2.65E-03
NP_002620.1	PGAM1	phosphoglycerate mutase 1 isoform 1	0.99	1.08	1.07	1.04	2.61E-01	1.58E-01	4.43E-02	3.21E-03
NP_001029249.1	H4C15	histone H4	1.05	0.90	0.95	0.91	2.77E-01	1.73E-01	9.04E-02	2.44E-02
NP_001276718.1	GPI	glucose-6-phosphate isomerase isoform 3	1.04	1.03	1.07	1.02	2.28E-02	2.98E-03	3.01E-01	1.78E-01
NP_001484.1	GDI1	rab GDP dissociation inhibitor alpha	1.14	1.01	1.15	1.04	8.42E-02	3.06E-02	1.12E-01	3.56E-02
NP_005013.1	PFN1	profilin-1 isoform 2	1.12	0.90	1.01	1.02	1.08E-01	4.46E-02	8.00E-02	1.81E-02
NP_055227.1	CACYBP	calyculin-binding protein isoform 1	1.06	1.03	1.09	1.02	1.46E-01	7.02E-02	3.83E-01	2.54E-01
NP_002795.2	PSMC3	26S proteasome regulatory subunit 6A	1.07	0.96	1.03	0.99	2.55E-02	3.66E-03	5.18E-02	5.64E-03
NP_003281.1	TPM4	tropomyosin alpha-4 chain isoform Tpm4.2cy	0.76	1.08	0.82	0.93	1.68E-03	1.92E-05	3.31E-02	2.97E-04
XP_011532966.1	CANX	calnexin isoform X3	1.09	1.05	1.15	0.97	1.46E-02	1.25E-03	8.25E-02	1.95E-02
NP_000963.1	RPL7A	60S ribosomal protein L7a	0.98	1.07	1.05	0.94	5.19E-01	4.04E-01	1.63E-01	6.95E-02
NP_000933.1	PPIB	peptidyl-prolyl cis-trans isomerase B precursor	1.07	1.00	1.07	1.02	2.35E-01	1.36E-01	2.74E-01	1.54E-01
NP_001346945.1	G6PD	glucose-6-phosphate 1-dehydrogenase isoform b	1.16	1.01	1.17	1.12	1.42E-02	1.15E-03	3.69E-02	1.94E-03
NP_000117.1	ETFFA	electron transfer flavoprotein subunit alpha, mitochondrial isoform a	1.12	0.98	1.09	1.05	8.30E-03	3.79E-04	5.53E-02	1.28E-03
NP_001395.1	EEFIG	elongation factor 1-gamma	1.11	0.98	1.08	1.00	4.24E-02	9.61E-03	5.35E-02	6.49E-03
XP_024308601.1	HDLBP	vigilin isoform X1	0.91	1.01	0.92	0.97	2.02E-02	2.39E-03	7.18E-02	1.42E-02
XP_005263481.1	PARK7	protein/nucleic acid deglycase DJ-1 isoform X1	0.97	1.01	0.97	1.04	5.14E-02	1.39E-02	8.90E-02	2.33E-02
NP_006383.2	NOP56	nucleolar protein 56	1.11	0.96	1.07	1.04	6.92E-02	2.24E-02	6.86E-02	1.26E-02
NP_054706.1	VCL	vinculin isoform meta-VCL	1.05	1.01	1.06	1.08	9.80E-02	3.83E-02	1.51E-01	6.11E-02
NP_057212.1	COG1	coatomer subunit gamma-1	1.01	0.97	0.97	1.01	1.85E-01	9.79E-02	1.84E-01	8.46E-02
XP_011539528.1	PHGDH	D-3-phosphoglycerate dehydrogenase isoform X1	1.13	1.08	1.23	1.05	5.65E-02	1.63E-02	2.14E-01	1.05E-01
NP_000960.2	RPL5	60S ribosomal protein L5	1.08	1.00	1.08	0.99	8.42E-02	3.06E-02	1.14E-01	3.70E-02
NP_002854.3	PYGL	glycogen phosphorylase, liver form isoform 1	1.02	0.99	1.01	1.05	4.69E-01	3.52E-01	4.73E-01	3.45E-01
NP_000997.1	RPS3A	40S ribosomal protein S3a isoform 1	1.10	0.97	1.06	1.03	6.97E-02	2.26E-02	7.88E-02	1.74E-02
NP_001303701.1	GARS1	glycine--tRNA ligase isoform 2	1.15	1.04	1.20	1.07	6.23E-03	2.22E-04	9.37E-02	2.62E-02
NP_000998.1	RPS4X	40S ribosomal protein S4, X isoform	1.08	0.96	1.04	0.96	8.16E-02	2.94E-02	7.04E-02	1.36E-02
NP_066953.1	PPIA	peptidyl-prolyl cis-trans isomerase A isoform 1	1.00	1.02	1.03	1.05	7.87E-01	7.12E-01	4.62E-01	3.34E-01
XP_011543629.1	SERPINH1	serpin H1 isoform X1	0.98	0.96	0.94	1.00	5.45E-01	4.31E-01	4.41E-01	3.13E-01
NP_038203.2	IARS1	isoleucine--tRNA ligase, cytoplasmic isoform 1	1.10	0.95	1.05	1.04	4.21E-02	9.45E-03	5.00E-02	5.06E-03
NP_005808.3	PLIN3	perilipin-3 isoform 1	0.95	1.01	0.95	0.92	5.09E-02	1.36E-02	9.82E-02	2.84E-02
XP_011526432.1	PRKCSH	glucosidase 2 subunit beta isoform X1	0.90	1.05	0.95	0.91	5.14E-02	1.39E-02	5.35E-02	6.46E-03
NP_001128512.1	DCTN1	dynactin subunit 1 isoform 3	1.02	1.05	1.07	1.04	5.23E-01	4.09E-01	3.88E-01	2.59E-01
NP_000174.1	HADHB	trifunctional enzyme subunit beta, mitochondrial isoform 1 precursor	1.00	1.01	1.01	1.02	5.87E-01	4.78E-01	8.28E-01	7.59E-01
NP_005539.1	KARS1	lysine--tRNA ligase isoform 2	1.04	1.00	1.04	1.03	7.57E-03	3.22E-04	1.36E-01	5.10E-02
NP_000134.2	FH	fumarate hydratase, mitochondrial	1.07	1.02	1.10	1.05	1.01E-01	4.06E-02	2.16E-01	1.07E-01
NP_037506.2	PDCD6IP	programmed cell death 6-interacting protein isoform 1	1.07	0.99	1.06	1.02	3.19E-02	5.49E-03	6.58E-02	1.10E-02
NP_005403.2	SHMT2	serine hydroxymethyltransferase, mitochondrial isoform 1 precursor	1.14	0.98	1.12	1.04	2.34E-02	3.13E-03	4.59E-02	3.82E-03
NP_001018077.1	SERBP1	plasminogen activator inhibitor 1 RNA-binding protein isoform 1	0.85	1.05	0.90	0.92	2.69E-03	4.83E-05	3.31E-02	3.53E-04
NP_001268425.1	PHB	prohibitin isoform 1	1.11	0.98	1.08	1.02	8.82E-03	4.22E-04	3.31E-02	3.43E-04
NP_001269633.1	PDIA6	protein disulfide-isomerase A6 isoform a	1.01	1.12	1.13	1.01	5.40E-01	4.26E-01	6.56E-02	1.10E-02

NP_001189360.1	PRDX1	peroxiredoxin-1	1.12	0.97	1.09	1.07	1.44E-02	1.22E-03	3.38E-02	8.45E-04
NP_004485.1	HDFGF	hepatoma-derived growth factor isoform a	0.78	1.03	0.81	0.86	1.48E-02	1.31E-03	3.49E-02	1.11E-03
NP_036611.2	YWHAH	14-3-3 protein gamma	1.09	0.92	1.00	1.02	7.46E-02	2.53E-02	5.77E-02	7.85E-03
NP_006286.1	VARS	valine--tRNA ligase	1.10	0.98	1.07	1.05	7.06E-03	2.83E-04	8.38E-02	2.01E-02
NP_003899.2	EIF2S2	eukaryotic translation initiation factor 2 subunit 2 isoform 1	1.05	1.00	1.05	1.03	2.12E-02	2.65E-03	9.04E-02	2.43E-02
NP_002806.2	PSMD11	26S proteasome non-ATPase regulatory subunit 11	1.07	0.99	1.05	1.04	1.29E-02	9.51E-04	6.85E-02	1.26E-02
NP_031389.3	NONO	non-POU domain-containing octamer-binding protein isoform 1	0.99	0.93	0.92	1.00	6.27E-01	5.22E-01	1.54E-01	6.25E-02
NP_000993.1	RPLP0	60S acidic ribosomal protein P0	1.09	0.95	1.03	1.01	5.39E-03	1.75E-04	3.31E-02	5.74E-04
NP_004332.2	CAD	CAD protein isoform 1	1.12	0.97	1.09	1.04	3.82E-02	7.84E-03	5.01E-02	5.15E-03
NP_002442.2	MTAP	S-methyl-5'-thioadenosine phosphorylase	1.06	0.96	1.02	1.03	1.01E-02	5.36E-04	5.34E-02	6.29E-03
NP_002810.1	PTBP1	polypyrimidine tract-binding protein 1 isoform a	0.89	1.13	1.00	0.88	8.16E-03	3.69E-04	3.38E-02	8.33E-04
NP_002769.1	PSAP	prosaposin isoform a	0.60	1.02	0.61	0.90	4.23E-04	1.77E-06	1.80E-02	3.96E-05
NP_036565.2	SF3B1	splicing factor 3B subunit 1 isoform 1	1.06	0.98	1.04	1.05	1.38E-01	6.45E-02	1.15E-01	3.72E-02
NP_001307.2	CSEIL	exportin-2 isoform 1	1.05	0.97	1.02	1.00	2.35E-01	1.36E-01	1.72E-01	7.61E-02
XP_005271170.1	SFPQ	splicing factor, proline- and glutamine-rich isoform X1	0.88	0.98	0.87	0.93	2.32E-02	3.07E-03	5.12E-02	5.50E-03
NP_001073027.1	HNRNPUL2	heterogeneous nuclear ribonucleoprotein U-like protein 2	1.05	0.95	1.00	1.06	9.88E-02	3.89E-02	8.12E-02	1.89E-02
NP_038470.1	STOML2	stomatin-like protein 2, mitochondrial isoform a	1.17	0.97	1.14	1.09	2.99E-02	4.90E-03	7.20E-02	1.45E-02
NP_000975.2	RPL23A	60S ribosomal protein L23a	0.82	1.05	0.87	0.90	3.19E-02	5.49E-03	4.96E-02	4.73E-03
NP_001485.2	GDI2	rab GDP dissociation inhibitor beta isoform 1	1.08	0.98	1.05	1.00	3.04E-01	1.94E-01	2.46E-01	1.31E-01
NP_060979.2	LRRCS9	leucine-rich repeat-containing protein 59	1.13	1.05	1.19	1.05	1.36E-02	1.06E-03	1.01E-01	2.99E-02
XP_005253518.1	RECQL	ATP-dependent DNA helicase Q1 isoform X1	1.12	0.91	1.02	1.02	2.16E-02	2.72E-03	3.64E-02	1.86E-03
NP_002793.2	PSMC1	26S proteasome regulatory subunit 4 isoform a	1.10	0.99	1.09	1.04	1.51E-02	1.39E-03	5.40E-02	6.76E-03
NP_005490.1	UBA2	SUMO-activating enzyme subunit 2	1.08	0.95	1.02	1.05	1.71E-03	2.13E-05	3.31E-02	4.03E-04
XP_024307077.1	TRIM28	transcription intermediary factor 1-beta isoform X1	0.93	0.91	0.84	0.97	3.05E-02	5.07E-03	3.29E-01	2.04E-01
NP_004506.2	ILF2	interleukin enhancer-binding factor 2 isoform 1	1.04	0.95	0.99	1.01	2.17E-01	1.22E-01	1.32E-01	4.86E-02
NP_001132929.1	BCAP31	B-cell receptor-associated protein 31 isoform a	1.11	1.06	1.18	1.04	3.98E-02	8.54E-03	1.30E-01	4.71E-02
NP_004896.1	PRDX6	peroxiredoxin-6	1.00	0.98	0.98	0.98	8.52E-01	7.92E-01	4.73E-01	3.45E-01
NP_036450.1	LETM1	mitochondrial proton/calcium exchanger protein precursor	1.12	0.98	1.09	1.04	3.64E-02	7.18E-03	5.20E-02	5.89E-03
NP_005042.1	QARS1	glutamine--tRNA ligase isoform a	1.09	0.97	1.05	1.03	1.39E-01	6.52E-02	1.81E-01	8.31E-02
NP_001646.2	ARCN1	coatomer subunit delta isoform 1	1.05	0.93	0.97	1.01	1.28E-02	9.39E-04	4.50E-02	3.53E-03
XP_016859290.1	GFPT1	glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1 isoform X1	1.08	0.97	1.04	1.06	2.76E-02	4.23E-03	3.80E-02	2.16E-03
NP_001290453.1	TUBB6	tubulin beta-6 chain isoform 1	0.95	0.98	0.92	0.98	3.39E-02	6.30E-03	1.70E-01	7.40E-02
XP_024303862.1	ALDH18A1	delta-1-pyrroline-5-carboxylate synthase isoform X1	0.97	0.95	0.92	1.06	1.06E-01	4.35E-02	3.38E-01	2.11E-01
NP_001186284.1	RPL17-C18orf32	RPL17-C18orf32 protein isoform 1	0.95	1.00	0.95	0.93	1.54E-01	7.55E-02	1.59E-01	6.67E-02
XP_005270945.1	NASP	nuclear autoantigenic sperm protein isoform X1	0.77	1.05	0.81	0.85	7.57E-03	3.18E-04	3.45E-02	9.88E-04
XP_005274089.1	PC	pyruvate carboxylase, mitochondrial isoform X1	1.10	0.97	1.06	1.11	1.57E-01	7.75E-02	1.30E-01	4.71E-02
NP_000995.1	RPLP2	60S acidic ribosomal protein P2	0.84	1.03	0.87	0.92	2.34E-02	3.14E-03	4.43E-02	3.14E-03
NP_001349.2	DHX15	pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	1.09	0.93	1.02	1.01	4.23E-04	1.51E-06	3.30E-02	2.45E-04
XP_024306400.1	EIF5A	eukaryotic translation initiation factor 5A-1 isoform X3	0.94	1.00	0.94	1.04	2.86E-02	4.51E-03	4.86E-02	4.46E-03
NP_001310913.1	CTNNA1	catenin alpha-1 isoform 1	0.99	1.00	0.99	1.03	3.69E-01	2.52E-01	5.22E-01	3.98E-01
NP_001287750.1	EIF4B	eukaryotic translation initiation factor 4B isoform 1	0.77	1.05	0.81	0.89	4.12E-03	1.03E-04	3.36E-02	6.35E-04
NP_006833.2	SF3B2	splicing factor 3B subunit 2	0.92	1.00	0.92	1.00	2.93E-02	4.76E-03	5.00E-02	4.99E-03
NP_001265393.1	DNM1L	dynammin-1-like protein isoform 5	1.11	0.90	0.99	1.02	3.74E-01	2.56E-01	2.62E-01	1.44E-01
NP_001002.1	RPS7	40S ribosomal protein S7	1.01	1.02	1.03	0.98	4.88E-02	1.25E-02	3.12E-01	1.88E-01
NP_004490.2	HNRNPAB	heterogeneous nuclear ribonucleoprotein A/B isoform b	0.82	1.02	0.84	0.86	2.84E-02	4.42E-03	5.20E-02	5.89E-03
XP_024307247.1	HNRNPL	heterogeneous nuclear ribonucleoprotein L isoform X1	1.10	0.94	1.03	1.00	1.10E-01	4.62E-02	8.65E-02	2.17E-02

NP_002796.4	PSMC5	26S proteasome regulatory subunit 8 isoform 1	1.10	0.96	1.06	1.05	1.07E-02	6.55E-04	6.66E-02	1.17E-02
NP_613258.2	MACROH2A1	core histone macro-H2A.1 isoform 3	1.07	0.99	1.06	0.99	3.80E-02	7.76E-03	7.38E-02	1.53E-02
NP_005554.1	STMN1	stathmin isoform a	0.82	1.09	0.89	0.89	9.76E-03	5.11E-04	3.31E-02	3.13E-04
NP_006391.1	DCTN2	dynactin subunit 2 isoform 1	0.90	1.06	0.96	0.98	4.18E-02	9.33E-03	5.00E-02	5.06E-03
NP_002798.2	PSMD1	26S proteasome non-ATPase regulatory subunit 1 isoform 1	1.08	0.99	1.07	1.01	2.55E-02	3.61E-03	4.35E-02	2.93E-03
NP_003079.1	FSCN1	fascin	1.12	0.96	1.07	0.99	1.61E-02	1.57E-03	6.52E-02	1.08E-02
NP_006297.2	SMC1A	structural maintenance of chromosomes protein 1A isoform 1	1.03	0.97	1.00	0.99	2.89E-03	6.14E-05	4.07E-02	2.42E-03
XP_011511565.1	GMPS	GMP synthase [glutamine-hydrolyzing] isoform X1	1.03	0.98	1.01	0.99	1.27E-02	9.20E-04	7.21E-02	1.46E-02
NP_001008938.1	CKAP5	cytoskeleton-associated protein 5 isoform a	1.03	1.01	1.04	0.97	1.30E-01	5.91E-02	4.07E-01	2.78E-01
XP_011522642.1	CNP	2',3'-cyclic-nucleotide 3'-phosphodiesterase isoform X1	1.06	0.97	1.03	1.05	4.24E-02	9.67E-03	5.11E-02	5.46E-03
NP_976317.1	RNH1	ribonuclease inhibitor	1.05	0.99	1.04	1.05	5.39E-03	1.69E-04	3.31E-02	3.65E-04
NP_998839.1	TPM2	tropomyosin beta chain isoform Tpm2.1sm/cy	0.74	1.11	0.83	0.93	9.54E-02	3.67E-02	8.47E-02	2.09E-02
XP_016865310.1	VDAC1	voltage-dependent anion-selective channel protein 1 isoform X1	1.16	0.91	1.06	1.06	7.02E-02	2.29E-02	6.06E-02	9.29E-03
NP_005737.1	NAMPT	nicotinamide phosphoribosyltransferase precursor	1.14	0.98	1.12	1.04	2.55E-02	3.63E-03	5.34E-02	6.26E-03
XP_016855584.1	NUDC	nuclear migration protein nudC isoform X2	1.04	0.98	1.02	1.02	2.60E-02	3.81E-03	3.79E-02	2.09E-03
NP_001074419.1	MYO1C	unconventional myosin-Ic isoform b	1.06	1.04	1.10	1.05	2.24E-01	1.28E-01	8.22E-01	7.50E-01
NP_001354876.1	TPP2	tripeptidyl-peptidase 2 isoform 3	1.07	1.00	1.07	1.07	4.91E-02	1.26E-02	9.33E-02	2.59E-02
NP_008878.3	SRP72	signal recognition particle subunit SRP72 isoform 1	1.15	0.99	1.14	1.06	2.38E-02	3.23E-03	6.20E-02	9.82E-03
NP_001345445.1	PRDX5	peroxiredoxin-5, mitochondrial isoform S	0.92	1.05	0.97	1.03	8.10E-02	2.91E-02	7.18E-02	1.42E-02
NP_001138303.1	PHB2	prohibitin-2 isoform 1	1.12	0.97	1.09	1.04	1.06E-02	6.21E-04	3.31E-02	4.82E-04
NP_112738.1	HNRNPD	heterogeneous nuclear ribonucleoprotein D0 isoform a	0.87	1.02	0.89	0.90	5.22E-02	1.43E-02	6.85E-02	1.25E-02
NP_000405.1	HSD17B4	peroxisomal multifunctional enzyme type 2 isoform 2	1.13	0.97	1.09	1.03	5.80E-02	1.72E-02	7.06E-02	1.36E-02
NP_001949.1	EEF1A2	elongation factor 1-alpha 2	1.07	1.11	1.18	1.20	1.65E-02	1.64E-03	1.96E-01	9.35E-02
NP_005156.1	ALDOC	fructose-bisphosphate aldolase C	1.06	1.10	1.16	1.20	9.13E-04	7.04E-06	6.08E-02	9.41E-03
NP_001354.1	DKC1	H/ACA ribonucleoprotein complex subunit DKC1 isoform 1	1.08	0.95	1.03	1.01	9.81E-02	3.84E-02	8.25E-02	1.95E-02
NP_001264153.1	TAGLN2	transgelin-2 isoform a	1.07	1.02	1.08	1.03	9.39E-02	3.60E-02	1.55E-01	6.40E-02
XP_011526959.2	AHCY	adenosylhomocysteinase isoform X1	1.06	0.98	1.04	0.99	6.46E-02	2.03E-02	7.20E-02	1.44E-02
NP_112737.1	HNRNPD	heterogeneous nuclear ribonucleoprotein D0 isoform b	0.88	1.05	0.92	0.86	4.59E-02	1.11E-02	9.41E-02	2.64E-02
NP_116126.3	LMNB2	lamin-B2	1.09	0.96	1.05	1.04	6.60E-02	2.09E-02	8.90E-02	2.34E-02
NP_001269315.1	IDH1	isocitrate dehydrogenase [NADP] cytoplasmic	1.12	1.01	1.12	1.04	1.83E-02	1.99E-03	6.73E-02	1.20E-02
XP_024310152.1	DIAPH1	protein diaphanous homolog 1 isoform X1	1.08	0.96	1.04	1.01	3.00E-02	4.94E-03	4.07E-02	2.42E-03
NP_001173.2	ALDH7A1	alpha-aminoadipic semialdehyde dehydrogenase isoform 1 precursor	1.04	1.01	1.05	1.01	3.38E-01	2.22E-01	4.36E-01	3.08E-01
NP_150091.2	PSIP1	PC4 and SFRS1-interacting protein isoform 2	0.88	1.03	0.90	0.98	4.02E-02	8.70E-03	5.31E-02	6.12E-03
NP_001914.3	DDB1	DNA damage-binding protein 1	1.04	0.97	1.02	1.04	3.49E-02	6.64E-03	2.04E-01	9.96E-02
NP_002794.1	PSMC2	26S proteasome regulatory subunit 7 isoform 1	1.11	0.98	1.09	1.05	4.32E-02	9.93E-03	5.64E-02	7.44E-03
NP_001307524.1	DDX5	probable ATP-dependent RNA helicase DDX5 isoform a	0.93	0.94	0.88	0.97	1.03E-02	5.70E-04	1.84E-01	8.55E-02
NP_055121.1	RTCB	tRNA-splicing ligase RtcB homolog	1.13	0.99	1.11	1.05	3.41E-02	6.42E-03	6.65E-02	1.15E-02
NP_036558.3	SF3B3	splicing factor 3B subunit 3	1.05	0.93	0.97	1.01	7.39E-02	2.48E-02	8.12E-02	1.89E-02
NP_057018.1	NOP58	nucleolar protein 58	1.11	0.97	1.07	1.04	3.68E-02	7.34E-03	7.21E-02	1.48E-02
NP_001171725.1	ESYT1	extended synaptotagmin-1 isoform 1	1.12	0.96	1.07	1.01	6.12E-03	2.13E-04	7.83E-02	1.69E-02
NP_001186040.1	MDH1	malate dehydrogenase, cytoplasmic isoform 2	1.02	1.05	1.07	0.96	7.68E-01	6.89E-01	5.78E-01	4.62E-01
NP_005712.1	ACTR3	actin-related protein 3 isoform 1	1.06	1.01	1.07	1.03	1.94E-03	2.59E-05	5.35E-02	6.47E-03
NP_004238.3	EFTUD2	116 kDa U5 small nuclear ribonucleoprotein component isoform a	1.02	0.99	1.01	1.01	5.32E-01	4.17E-01	4.62E-01	3.34E-01
XP_011513391.1	IGF2BP3	insulin-like growth factor 2 mRNA-binding protein 3 isoform X1	1.06	1.00	1.06	1.03	1.26E-01	5.69E-02	1.41E-01	5.43E-02
NP_683877.1	PSMA1	proteasome subunit alpha type-1 isoform 1	1.10	1.00	1.10	1.06	9.04E-03	4.47E-04	4.97E-02	4.75E-03
NP_004199.1	AIFM1	apoptosis-inducing factor 1, mitochondrial isoform AIF precursor	1.15	0.97	1.11	1.07	1.83E-02	2.00E-03	3.53E-02	1.40E-03
NP_009035.3	RPL10A	60S ribosomal protein L10a	1.09	1.03	1.13	1.03	5.24E-02	1.44E-02	1.27E-01	4.56E-02

XP_011535408.1	SRP54	signal recognition particle 54 kDa protein isoform X1	1.12	1.01	1.14	1.05	1.32E-01	6.02E-02	2.25E-01	1.14E-01
NP_001311233.1	RPN2	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 isoform 7 precursor	1.07	0.94	1.01	1.00	3.55E-01	2.38E-01	2.19E-01	1.09E-01
XP_005252522.1	PFKP	ATP-dependent 6-phosphofructokinase, platelet type isoform X1	1.11	0.99	1.10	1.04	5.82E-02	1.73E-02	9.33E-02	2.59E-02
XP_024303687.1	RRP12	RRP12-like protein isoform X1	1.00	1.00	1.01	1.02	4.30E-01	3.10E-01	9.07E-01	8.64E-01
XP_024305442.1	ADAR	double-stranded RNA-specific adenosine deaminase isoform X1	1.09	0.97	1.05	1.03	1.60E-01	8.03E-02	1.25E-01	4.39E-02
NP_001129497.1	PLS3	plastin-3 isoform 1	0.98	0.97	0.95	0.93	4.48E-01	3.28E-01	9.22E-01	8.89E-01
NP_001340.2	DARS1	aspartate--tRNA ligase, cytoplasmic isoform 1	1.07	0.96	1.03	1.07	4.59E-02	1.11E-02	5.00E-02	4.97E-03
NP_001007.2	RPS12	40S ribosomal protein S12	0.96	0.98	0.94	1.04	1.48E-01	7.16E-02	3.53E-01	2.25E-01
XP_016864782.1	NNT	NAD(P) transhydrogenase, mitochondrial isoform X1	1.09	0.97	1.05	1.04	1.09E-02	6.72E-04	3.53E-02	1.52E-03
NP_003133.1	SSB	lupus La protein	0.80	1.07	0.85	0.88	2.64E-02	3.91E-03	4.32E-02	2.80E-03
NP_006187.2	PCBP1	poly(rC)-binding protein 1	0.97	0.98	0.95	0.94	3.51E-01	2.34E-01	7.86E-01	7.06E-01
NP_002215.2	ITPR3	inositol 1,4,5-trisphosphate receptor type 3	1.05	0.99	1.05	1.04	1.06E-02	6.04E-04	4.86E-02	4.46E-03
NP_006254.1	PSME1	proteasome activator complex subunit 1 isoform 1	1.03	0.98	1.01	0.97	1.44E-01	6.86E-02	9.76E-02	2.80E-02
NP_001186092.1	PSMC5	26S proteasome regulatory subunit 8 isoform 2	1.33	1.08	1.41	1.49	3.76E-01	2.58E-01	5.68E-01	4.51E-01
NP_001245238.1	NOP2	probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase isoform 3	1.04	1.04	1.08	1.06	7.24E-03	2.96E-04	7.86E-01	7.06E-01
XP_011531399.1	XPO1	exportin-1 isoform X1	1.16	0.88	1.01	1.00	1.28E-03	1.18E-05	2.60E-02	1.18E-04
NP_006301.3	NPEPPS	puromycin-sensitive aminopeptidase isoform 1	1.10	0.96	1.06	1.06	6.80E-03	2.69E-04	3.38E-02	7.67E-04
NP_002130.2	RBMX	RNA-binding motif protein, X chromosome isoform 1	0.86	1.02	0.87	0.92	8.02E-03	3.58E-04	3.38E-02	8.32E-04
NP_000010.1	ACAT1	acetyl-CoA acetyltransferase, mitochondrial precursor	0.96	1.06	1.02	1.00	1.86E-02	2.04E-03	7.88E-02	1.75E-02
XP_011513902.1	EIF3B	eukaryotic translation initiation factor 3 subunit B isoform X1	0.93	0.98	0.91	1.03	1.65E-02	1.64E-03	1.54E-01	6.26E-02
NP_001681.2	ATP6V1A	V-type proton ATPase catalytic subunit A	1.01	1.02	1.03	1.05	5.57E-02	1.60E-02	5.26E-01	4.03E-01
NP_689508.3	TARS1	threonine--tRNA ligase 1, cytoplasmic isoform 1	1.05	1.00	1.05	1.01	1.07E-02	6.39E-04	5.06E-02	5.26E-03
NP_004981.2	MARS1	methionine--tRNA ligase, cytoplasmic	1.07	0.96	1.03	1.03	4.32E-02	9.88E-03	6.35E-02	1.04E-02
NP_002202.2	ITGB1	integrin beta-1 isoform 1A precursor	0.89	1.03	0.92	1.03	2.85E-02	4.45E-03	4.33E-02	2.85E-03
NP_001278798.1	IGF2BP2	insulin-like growth factor 2 mRNA-binding protein 2 isoform c	1.03	0.96	0.99	1.02	4.10E-01	2.90E-01	2.14E-01	1.05E-01
NP_003964.3	RPL14	60S ribosomal protein L14	1.07	1.01	1.08	1.00	1.66E-02	1.71E-03	1.15E-01	3.75E-02
XP_011540695.1	FUBP1	far upstream element-binding protein 1 isoform X4	0.94	1.01	0.95	0.96	1.09E-01	4.57E-02	1.16E-01	3.85E-02
NP_001143.2	SLC25A5	ADP/ATP translocase 2	1.16	0.87	1.00	1.05	1.68E-02	1.74E-03	3.45E-02	1.07E-03
NP_004530.1	NARS1	asparagine--tRNA ligase, cytoplasmic	1.10	1.05	1.15	1.06	8.42E-02	3.07E-02	3.33E-01	2.07E-01
XP_016864369.1	WDR1	WD repeat-containing protein 1 isoform X1	1.11	0.95	1.05	1.00	7.55E-02	2.59E-02	6.60E-02	1.13E-02
XP_011539410.2	UBR4	E3 ubiquitin-protein ligase UBR4 isoform X1	1.07	0.98	1.05	1.03	1.68E-01	8.60E-02	1.48E-01	5.87E-02
NP_060530.3	IARS2	isoleucine--tRNA ligase, mitochondrial precursor	1.11	0.96	1.06	1.06	1.21E-02	8.37E-04	3.53E-02	1.62E-03
NP_060117.3	FTSJ3	pre-rRNA 2'-O-ribose RNA methyltransferase FTSJ3	1.06	0.99	1.05	1.02	1.83E-02	2.00E-03	8.67E-02	2.21E-02
NP_001018146.1	NME1-NME2	NME1-NME2 protein	1.02	0.95	0.97	0.97	1.05E-01	4.30E-02	6.60E-02	1.12E-02
XP_024302117.1	EPB41L2	band 4.1-like protein 2 isoform X7	0.99	1.02	1.01	1.10	6.09E-01	5.03E-01	3.22E-01	1.97E-01
NP_001966.1	ENO2	gamma-enolase	1.12	1.09	1.22	1.13	1.00E-01	4.00E-02	4.50E-01	3.22E-01
NP_001012.1	RPS17	40S ribosomal protein S17	0.97	1.03	0.99	0.92	4.18E-01	2.98E-01	2.41E-01	1.26E-01
NP_006262.1	S100A1	protein S100-A1	0.75	1.04	0.78	0.82	3.21E-02	5.64E-03	4.87E-02	4.55E-03
NP_001188267.1	SAFB	scaffold attachment factor B1 isoform 1	0.82	1.01	0.83	0.91	9.65E-03	4.93E-04	3.53E-02	1.67E-03
NP_008996.1	CDC37	hsp90 co-chaperone Cdc37	0.94	1.05	0.99	0.97	6.23E-03	2.25E-04	4.55E-02	3.76E-03
NP_005800.3	PRDX2	peroxiredoxin-2	1.04	1.03	1.06	1.04	5.90E-02	1.76E-02	5.35E-01	4.12E-01
NP_002624.2	PGM1	phosphoglucomutase-1 isoform 1	1.05	0.98	1.02	1.01	1.90E-01	1.02E-01	1.32E-01	4.87E-02
NP_001091675.1	HNRNPF	heterogeneous nuclear ribonucleoprotein F	1.04	0.94	0.97	0.97	3.90E-02	8.27E-03	7.68E-02	1.63E-02
NP_001317178.1	HNRNPA3	heterogeneous nuclear ribonucleoprotein A3 isoform a	0.94	0.98	0.92	0.97	2.44E-01	1.43E-01	3.73E-01	2.45E-01
NP_000843.1	GSTP1	glutathione S-transferase P	1.03	0.98	1.00	0.99	8.60E-02	3.17E-02	7.96E-02	1.79E-02
NP_001158287.1	ACIN1	apoptotic chromatin condensation inducer in the nucleus isoform 3	0.95	0.99	0.94	1.00	1.77E-02	1.89E-03	1.47E-01	5.81E-02
NP_002256.2	KPNB1	importin subunit beta-1 isoform 1	1.07	0.99	1.07	0.99	8.06E-02	2.87E-02	1.24E-01	4.30E-02

NP_002943.2	RPS2	40S ribosomal protein S2	1.10	0.96	1.05	1.00	3.86E-02	7.98E-03	5.01E-02	5.15E-03
NP_001351154.1	HNRNP1	heterogeneous nuclear ribonucleoprotein H isoform c	0.97	0.96	0.93	0.98	1.25E-01	5.59E-02	6.54E-01	5.49E-01
NP_000445.1	SOD1	superoxide dismutase [Cu-Zn]	0.75	1.04	0.77	0.97	1.52E-02	1.42E-03	3.49E-02	1.13E-03
NP_055555.1	EIF4A3	eukaryotic initiation factor 4A-III	1.13	0.87	0.98	1.02	6.28E-02	1.95E-02	7.18E-02	1.42E-02
NP_005886.2	GOLGA3	golgin subfamily A member 3 isoform 1	0.96	0.98	0.95	1.00	1.58E-01	7.84E-02	3.42E-01	2.15E-01
NP_000886.1	LTA4H	leukotriene A-4 hydrolase isoform 1	1.11	0.98	1.08	1.07	7.53E-02	2.57E-02	8.57E-02	2.14E-02
NP_006537.3	IGF2BP1	insulin-like growth factor 2 mRNA-binding protein 1 isoform 1	1.11	0.96	1.06	1.02	5.04E-02	1.31E-02	5.62E-02	7.35E-03
NP_001279.2	CLIC1	chloride intracellular channel protein 1	1.05	1.08	1.13	1.04	3.64E-01	2.46E-01	6.62E-01	5.57E-01
NP_009123.1	SUPT16H	FACT complex subunit SPT16	1.04	0.99	1.03	1.05	2.70E-01	1.66E-01	2.24E-01	1.13E-01
XP_005269798.1	ANXA11	annexin A11 isoform X1	1.02	0.99	1.01	1.04	9.09E-01	8.69E-01	8.73E-01	8.21E-01
NP_001675.3	ATP2B4	plasma membrane calcium-transporting ATPase 4 isoform 4b	1.07	1.06	1.13	1.06	1.86E-01	9.94E-02	7.95E-01	7.19E-01
NP_002800.2	PSMD3	26S proteasome non-ATPase regulatory subunit 3	1.11	0.96	1.07	1.05	2.19E-02	2.76E-03	4.55E-02	3.73E-03
NP_001013269.1	SLC3A2	4F2 cell-surface antigen heavy chain isoform f	1.04	1.08	1.12	0.96	3.99E-01	2.79E-01	3.82E-01	2.53E-01
NP_036222.3	MACF1	microtubule-actin cross-linking factor 1	1.06	0.96	1.01	1.04	2.02E-01	1.12E-01	1.20E-01	4.11E-02
NP_001001.2	RPS6	40S ribosomal protein S6	1.02	0.99	1.01	0.93	2.67E-01	1.64E-01	2.17E-01	1.08E-01
NP_005436.1	SMC3	structural maintenance of chromosomes protein 3	1.07	0.97	1.04	1.02	1.05E-01	4.32E-02	1.13E-01	3.60E-02
NP_065393.1	RTN4	reticulon-4 isoform A	1.02	0.99	1.01	1.02	6.64E-01	5.66E-01	5.36E-01	4.13E-01
NP_001028886.1	NOP2	probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase isoform 1	1.06	1.02	1.08	1.11	4.42E-01	3.22E-01	6.64E-01	5.59E-01
NP_001406.1	EIF2S3	eukaryotic translation initiation factor 2 subunit 3	1.06	0.98	1.03	0.99	1.87E-02	2.08E-03	4.32E-02	2.73E-03
NP_057371.2	HP1BP3	heterochromatin protein 1-binding protein 3 isoform 1	1.02	1.03	1.05	1.03	1.03E-01	4.13E-02	7.78E-01	6.97E-01
XP_016882334.1	NUCB1	nucleobindin-1 isoform X1	0.87	1.06	0.92	0.93	2.67E-02	4.01E-03	4.48E-02	3.45E-03
NP_778225.1	H2BU1	histone H2B type 3-B	1.03	0.98	1.01	0.93	2.60E-01	1.58E-01	1.49E-01	5.95E-02
NP_002717.3	PREP	prolyl endopeptidase	1.04	1.00	1.04	1.03	4.07E-01	2.87E-01	6.03E-01	4.88E-01
XP_024308566.1	GPD2	glycerol-3-phosphate dehydrogenase, mitochondrial isoform X1	1.04	0.97	1.01	1.05	2.02E-02	2.43E-03	3.45E-02	9.23E-04
NP_001291217.1	RPSA	40S ribosomal protein SA isoform 2	1.11	0.88	0.98	1.06	4.28E-02	9.77E-03	4.47E-02	3.44E-03
NP_001351796.1	IFI16	gamma-interferon-inducible protein 16 isoform 3	1.02	0.93	0.95	1.00	2.22E-03	3.24E-05	6.12E-02	9.51E-03
NP_001748.1	CBR1	carbonyl reductase [NADPH] 1 isoform 1	1.08	0.96	1.04	1.00	1.54E-01	7.59E-02	1.21E-01	4.13E-02
NP_055045.2	SRP68	signal recognition particle subunit SRP68 isoform 1	1.13	0.98	1.11	1.04	3.97E-02	8.51E-03	7.88E-02	1.71E-02
NP_000687.3	ALDH9A1	4-trimethylaminobutyraldehyde dehydrogenase isoform 1	1.09	0.98	1.07	1.04	4.65E-02	1.14E-02	7.17E-02	1.41E-02
NP_001353454.1	ATP2B1	plasma membrane calcium-transporting ATPase 1 isoform 2	1.15	1.02	1.17	1.10	1.38E-01	6.45E-02	1.84E-01	8.52E-02
NP_006382.1	IPO7	importin-7	1.10	0.90	0.99	1.01	3.35E-02	6.05E-03	7.81E-02	1.68E-02
NP_001317273.1	TPM1	tropomyosin alpha-1 chain isoform Tpm1.9cy	0.80	1.14	0.92	0.96	3.47E-02	6.57E-03	4.16E-02	2.56E-03
NP_001627.2	SLC25A6	ADP/ATP translocase 3	1.13	0.88	0.99	1.07	1.39E-01	6.55E-02	9.14E-02	2.50E-02
NP_001299582.1	H2BC12	histone H2B type 1-K	0.98	0.98	0.97	0.89	1.70E-01	8.72E-02	8.46E-01	7.83E-01
NP_001347.3	DDX3X	ATP-dependent RNA helicase DDX3X isoform 1	0.95	0.96	0.92	0.98	7.34E-02	2.45E-02	5.10E-01	3.85E-01
XP_016868908.1	ASPH	aspartyl/asparaginyl beta-hydroxylase isoform X1	1.00	1.05	1.05	1.08	6.38E-01	5.38E-01	1.84E-01	8.52E-02
NP_003923.2	ST13	hsc70-interacting protein isoform 1	0.87	0.99	0.86	0.99	7.94E-02	2.78E-02	1.08E-01	3.34E-02
NP_001186601.1	CALU	calumenin isoform d precursor	0.58	1.43	0.81	0.68	1.18E-01	5.15E-02	1.48E-01	5.92E-02
NP_004152.1	RAB1A	ras-related protein Rab-1A isoform 1	1.11	0.96	1.06	1.01	8.31E-02	3.01E-02	8.12E-02	1.88E-02
NP_000962.2	RPL7	60S ribosomal protein L7 isoform 1	1.03	1.03	1.06	0.95	3.38E-02	6.20E-03	9.48E-01	9.26E-01
NP_002148.1	HSPE1	10 kDa heat shock protein, mitochondrial	1.34	0.77	1.03	1.31	2.06E-02	2.52E-03	3.38E-02	7.92E-04
NP_001304786.1	EIF3CL	eukaryotic translation initiation factor 3 subunit C-like protein	0.96	0.92	0.88	1.02	1.56E-01	7.70E-02	2.11E-01	1.04E-01
NP_002296.1	LGALS1	galactin-1	0.87	1.05	0.91	1.01	1.86E-03	2.43E-05	2.72E-02	1.76E-04
NP_004930.1	DDX1	ATP-dependent RNA helicase DDX1	1.05	1.02	1.07	1.03	5.36E-02	1.50E-02	1.47E-01	5.83E-02
NP_005007.2	PCBP2	poly(rC)-binding protein 2 isoform a	0.97	0.93	0.90	0.93	1.10E-01	4.63E-02	1.13E-01	3.62E-02
XP_024303169.1	PSIP1	PC4 and SFRS1-interacting protein isoform X3	0.98	1.20	1.18	1.03	3.50E-01	2.33E-01	4.33E-02	2.90E-03
NP_006494.1	PSMC4	26S proteasome regulatory subunit 6B isoform 1	1.06	0.97	1.03	1.01	1.38E-01	6.46E-02	1.03E-01	3.06E-02

NP_056988.3	EIF5B	eukaryotic translation initiation factor 5B	1.09	0.98	1.07	1.03	2.12E-01	1.18E-01	2.87E-01	1.66E-01
NP_064601.3	RNPEP	aminopeptidase B isoform a	1.11	0.92	1.02	1.05	4.19E-02	9.37E-03	7.57E-02	1.59E-02
NP_001142.2	SLC25A4	ADP/ATP translocase 1	1.05	1.00	1.05	0.98	2.62E-01	1.60E-01	2.85E-01	1.64E-01
NP_003370.2	EZR	eZRin	1.15	1.07	1.24	1.13	3.13E-02	5.31E-03	8.39E-02	2.02E-02
NP_938405.1	G3BP1	ras GTPase-activating protein-binding protein 1	0.87	0.96	0.83	0.97	3.64E-02	7.17E-03	8.00E-02	1.81E-02
NP_001121699.1	GNE	bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase isoform 1	0.91	1.03	0.94	1.13	8.46E-02	3.10E-02	1.04E-01	3.15E-02
NP_001019397.1	ARF1	ADP-ribosylation factor 1	0.99	0.92	0.91	0.98	7.56E-01	6.75E-01	9.94E-02	2.90E-02
NP_055018.2	AP2A1	AP-2 complex subunit alpha-1 isoform 1	0.98	0.96	0.94	1.00	4.64E-01	3.46E-01	4.91E-01	3.65E-01
NP_937885.1	EIF4G1	eukaryotic translation initiation factor 4 gamma 1 isoform 3	1.11	1.00	1.10	1.03	4.41E-02	1.03E-02	1.25E-01	4.35E-02
NP_006808.1	ERP29	endoplasmic reticulum resident protein 29 isoform 1 precursor	0.83	1.15	0.95	0.91	3.39E-02	6.34E-03	4.55E-02	3.67E-03
XP_005257994.1	AP2B1	AP-2 complex subunit beta isoform X3	0.99	0.99	0.97	1.01	6.43E-01	5.44E-01	9.66E-01	9.51E-01
NP_006296.1	ANP32A	acidic leucine-rich nuclear phosphoprotein 32 family member A	0.86	1.02	0.87	0.92	2.28E-03	3.50E-05	4.78E-02	4.16E-03
NP_001317629.1	TOP2B	DNA topoisomerase 2-beta isoform 1	1.14	0.93	1.07	1.01	1.55E-02	1.46E-03	5.83E-02	8.34E-03
XP_011511001.1	GOLGB1	golgin subfamily B member 1 isoform X1	0.97	1.05	1.02	1.06	3.28E-01	2.14E-01	1.63E-01	6.98E-02
XP_011508517.1	UBAP2L	ubiquitin-associated protein 2-like isoform X2	0.87	1.01	0.88	1.00	2.67E-02	4.04E-03	5.00E-02	5.05E-03
NP_001072993.1	PAICS	multifunctional protein ADE2 isoform 1	1.04	1.04	1.08	1.03	2.44E-03	3.96E-05	7.30E-01	6.36E-01
XP_011523401.1	FKBP10	peptidyl-prolyl cis-trans isomerase FKBP10 isoform X1	0.94	1.07	1.00	1.01	4.23E-04	2.36E-06	6.85E-02	1.26E-02
XP_011537840.1	PDCD11	protein RRP5 homolog isoform X1	1.04	0.99	1.02	1.01	1.84E-01	9.74E-02	1.41E-01	5.48E-02
NP_065143.2	ATP13A1	manganese-transporting ATPase 13A1	1.06	0.93	0.98	1.00	1.37E-01	6.36E-02	6.71E-02	1.19E-02
NP_001291672.1	SLK	STE20-like serine/threonine-protein kinase isoform 2	1.02	1.02	1.04	1.04	4.44E-03	1.20E-04	4.24E-01	2.96E-01
NP_001186600.1	CALU	calumenin isoform c precursor	0.77	1.15	0.89	0.85	2.48E-03	4.15E-05	3.38E-02	6.93E-04
NP_002780.1	PSMA4	proteasome subunit alpha type-4 isoform 1	1.09	0.97	1.07	1.02	2.84E-02	4.42E-03	8.74E-02	2.25E-02
NP_001976.1	ETFB	electron transfer flavoprotein subunit beta isoform 1	1.06	0.98	1.04	1.04	1.17E-01	5.04E-02	1.74E-01	7.72E-02
XP_016861049.1	IGF2BP2	insulin-like growth factor 2 mRNA-binding protein 2 isoform X4	1.27	0.94	1.19	1.23	1.04E-01	4.24E-02	2.37E-01	1.23E-01
NP_004757.1	COPB2	coatomer subunit beta'	1.07	0.89	0.96	1.03	7.41E-02	2.50E-02	6.52E-02	1.09E-02
XP_005269750.1	MYOF	myoferlin isoform X1	1.11	1.05	1.16	1.18	3.61E-02	7.02E-03	2.03E-01	9.89E-02
NP_055102.3	NOMO1	nodal modulator 1 precursor	1.00	0.99	0.99	1.00	8.29E-01	7.63E-01	5.68E-01	4.50E-01
NP_057376.2	TRAP1	heat shock protein 75 kDa, mitochondrial isoform 1 precursor	1.10	0.98	1.08	1.05	6.46E-02	2.03E-02	1.62E-01	6.90E-02
NP_005868.1	SF3A1	splicing factor 3A subunit 1	0.99	1.03	1.02	1.04	4.52E-01	3.33E-01	2.56E-01	1.38E-01
NP_004550.2	YBX1	Y-box-binding protein 1	0.75	1.03	0.77	0.88	2.02E-02	2.41E-03	5.00E-02	4.98E-03
NP_000099.2	DLD	dihydrolipoyl dehydrogenase, mitochondrial isoform 1 precursor	0.79	1.00	0.79	1.04	6.10E-03	2.09E-04	3.53E-02	1.57E-03
NP_002517.1	NT5E	5'-nucleotidase isoform 1	1.11	1.01	1.11	1.14	3.26E-02	5.77E-03	5.53E-02	7.04E-03
NP_002061.1	GNAI2	guanine nucleotide-binding protein G(i) subunit alpha-2 isoform 1	1.07	0.95	1.02	1.05	1.46E-02	1.27E-03	3.53E-02	1.30E-03
NP_056350.2	SPATS2L	SPATS2-like protein isoform a	0.80	0.96	0.77	0.89	1.71E-02	1.80E-03	1.30E-01	4.74E-02
XP_005270330.1	NOLC1	nucleolar and coiled-body phosphoprotein 1 isoform X1	0.91	1.03	0.94	0.94	5.82E-02	1.73E-02	6.30E-02	1.01E-02
NP_863654.1	ACOT7	cytosolic acyl coenzyme A thioester hydrolase isoform hBACHb	1.14	0.94	1.08	1.03	5.06E-02	1.33E-02	6.60E-02	1.11E-02
NP_001958.2	EIF4A2	eukaryotic initiation factor 4A-II	1.02	0.75	0.77	1.13	7.68E-01	6.88E-01	8.65E-02	2.20E-02
NP_001092006.1	USP5	ubiquitin carboxyl-terminal hydrolase 5 isoform 1	1.07	0.96	1.02	1.02	6.05E-02	1.84E-02	1.26E-01	4.43E-02
XP_024307176.1	ECH1	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial isoform X1	1.14	0.92	1.05	1.10	2.03E-02	2.45E-03	3.42E-02	8.90E-04
NP_006392.1	ANP32B	acidic leucine-rich nuclear phosphoprotein 32 family member B	0.86	1.06	0.90	0.89	3.89E-02	8.20E-03	5.34E-02	6.25E-03
NP_005073.2	TRIM25	E3 ubiquitin/ISG15 ligase TRIM25	1.08	0.95	1.03	1.04	7.57E-03	3.22E-04	3.38E-02	8.55E-04
NP_055439.1	S100A6	protein S100-A6	0.91	0.96	0.88	0.97	2.74E-01	1.71E-01	5.28E-01	4.06E-01
XP_011538683.1	SEC24C	protein transport protein Sec24C isoform X1	1.05	0.98	1.03	1.05	2.72E-01	1.69E-01	2.07E-01	1.01E-01
NP_061819.2	NANS	sialic acid synthase	1.12	1.00	1.11	1.02	6.57E-03	2.52E-04	5.79E-02	8.02E-03
XP_024308556.1	SPATS2L	SPATS2-like protein isoform X4	0.85	0.90	0.76	1.01	7.19E-02	2.37E-02	4.82E-01	3.55E-01
NP_001035809.1	ABCE1	ATP-binding cassette sub-family E member 1	1.09	0.99	1.08	1.01	2.51E-02	3.53E-03	5.00E-02	4.95E-03
NP_002782.1	PSMA6	proteasome subunit alpha type-6 isoform a	1.11	0.98	1.09	1.07	1.87E-02	2.08E-03	3.53E-02	1.67E-03

NP_055464.1	SAFB2	scaffold attachment factor B2	0.85	1.02	0.87	0.94	4.59E-02	1.11E-02	7.14E-02	1.39E-02
NP_000468.1	ALB	serum albumin	0.97	2.05	1.95	0.83	6.96E-01	6.05E-01	3.56E-01	2.28E-01
NP_000980.1	RPL30	60S ribosomal protein L30	1.09	0.96	1.05	1.00	4.78E-02	1.19E-02	5.11E-02	5.43E-03
NP_003650.1	AGPS	alkyldihydroxyacetonephosphate synthase, peroxisomal precursor	1.11	0.98	1.09	1.00	3.48E-02	6.60E-03	6.66E-02	1.17E-02
NP_004083.3	ECHS1	enoyl-CoA hydratase, mitochondrial	1.07	0.97	1.04	1.05	5.09E-02	1.36E-02	6.35E-02	1.03E-02
NP_055414.2	MAGED2	melanoma-associated antigen D2	1.15	0.97	1.12	1.06	5.74E-02	1.69E-02	6.71E-02	1.19E-02
NP_002783.1	PSMA7	proteasome subunit alpha type-7	1.09	0.96	1.04	1.06	7.17E-02	2.36E-02	8.57E-02	2.14E-02
NP_001238978.1	PCMT1	protein-L-isoaspartate(D-aspartate) O-methyltransferase isoform 2	1.06	0.98	1.04	0.99	8.16E-03	3.66E-04	3.31E-02	4.66E-04
NP_055181.3	GNL3	guanine nucleotide-binding protein-like 3 isoform 1	1.07	0.94	1.00	1.01	1.98E-02	2.34E-03	5.85E-02	8.45E-03
NP_006746.1	TALDO1	transaldolase	1.07	1.04	1.12	1.06	2.51E-02	3.51E-03	8.47E-02	2.08E-02
XP_024308603.1	ANXA4	annexin A4 isoform X1	1.13	1.00	1.13	1.11	2.77E-02	4.25E-03	4.75E-02	4.10E-03
NP_055428.1	FAF2	FAS-associated factor 2	1.15	0.97	1.12	1.06	2.93E-02	4.76E-03	4.91E-02	4.61E-03
NP_039234.1	CLIC4	chloride intracellular channel protein 4	1.10	1.00	1.10	1.06	1.15E-01	4.89E-02	2.20E-01	1.10E-01
NP_008855.1	SRSF1	serine/arginine-rich splicing factor 1 isoform 1	0.76	1.05	0.80	0.85	1.43E-02	1.18E-03	3.49E-02	1.12E-03
NP_006796.1	HNRNPA0	heterogeneous nuclear ribonucleoprotein A0	0.83	1.00	0.83	0.92	1.90E-02	2.14E-03	4.30E-02	2.69E-03
NP_060760.2	PGM2	phosphoglucomutase-2	1.11	0.96	1.07	1.02	1.82E-04	2.26E-07	5.35E-02	6.57E-03
NP_000967.1	RPL12	60S ribosomal protein L12	1.03	1.04	1.07	0.97	9.91E-02	3.92E-02	6.76E-01	5.72E-01
NP_000964.1	RPL8	60S ribosomal protein L8	0.97	1.02	0.99	0.94	5.11E-03	1.52E-04	4.39E-02	3.02E-03
XP_016873006.1	TKFC	triokinase/FMN cyclase isoform X2	1.07	0.99	1.06	1.07	1.05E-01	4.32E-02	1.12E-01	3.56E-02
NP_002807.1	PSMD12	26S proteasome non-ATPase regulatory subunit 12 isoform 1	1.09	0.91	0.99	1.04	1.35E-01	6.27E-02	1.00E-01	2.94E-02
NP_112740.1	HNRNPD1	heterogeneous nuclear ribonucleoprotein D-like isoform a	0.80	1.03	0.82	0.89	4.24E-02	9.57E-03	5.79E-02	8.09E-03
XP_016875270.1	RPL6	60S ribosomal protein L6 isoform X1	1.01	1.06	1.07	0.92	6.00E-01	4.94E-01	1.76E-01	8.01E-02
NP_001335116.1	DDX27	probable ATP-dependent RNA helicase DDX27 isoform 1	1.09	1.01	1.11	1.09	4.60E-02	1.11E-02	2.36E-01	1.23E-01
NP_006169.2	NSF	vesicle-fusing ATPase	1.12	0.94	1.05	1.05	1.00E-01	3.99E-02	1.12E-01	3.56E-02
NP_003225.2	TFRC	transferrin receptor protein 1 isoform 1	0.88	1.08	0.96	1.11	1.46E-02	1.26E-03	4.33E-02	2.89E-03
NP_001190174.1	RPS10	40S ribosomal protein S10	1.00	1.01	1.01	0.98	9.27E-01	8.94E-01	2.90E-01	1.69E-01
XP_024304469.1	CARS1	cysteine--tRNA ligase, cytoplasmic isoform X1	1.12	0.99	1.12	1.05	2.86E-02	4.49E-03	7.98E-02	1.80E-02
NP_002808.3	PSMD13	26S proteasome non-ATPase regulatory subunit 13 isoform 1	1.07	0.97	1.03	1.01	1.66E-02	1.70E-03	3.49E-02	1.14E-03
NP_002797.4	PSMC6	26S proteasome regulatory subunit 10B isoform 1	1.09	1.00	1.09	1.00	4.02E-02	8.71E-03	6.88E-02	1.28E-02
NP_009215.1	TWF2	twinstin-2	1.09	0.96	1.05	1.06	3.00E-01	1.91E-01	3.05E-01	1.82E-01
NP_003130.2	SRPRA	signal recognition particle receptor subunit alpha isoform 1	1.20	1.09	1.32	1.08	1.66E-02	1.66E-03	6.52E-02	1.08E-02
NP_001027565.1	HNRNPH2	heterogeneous nuclear ribonucleoprotein H2	1.12	0.92	1.04	1.04	2.15E-01	1.21E-01	1.32E-01	4.87E-02
NP_006818.3	TMED10	transmembrane emp24 domain-containing protein 10 precursor	1.19	0.99	1.18	1.09	1.15E-02	7.26E-04	3.38E-02	6.66E-04
NP_001317598.1	SARS1	serine--tRNA ligase, cytoplasmic isoform b	1.11	1.09	1.21	1.04	1.59E-01	7.93E-02	8.27E-01	7.57E-01
NP_002071.2	GOT2	aspartate aminotransferase, mitochondrial isoform 1 precursor	1.19	0.90	1.07	1.04	2.30E-02	3.03E-03	6.02E-02	9.10E-03
XP_024304471.1	CARS1	cysteine--tRNA ligase, cytoplasmic isoform X3	1.39	0.76	1.03	1.30	4.92E-01	3.74E-01	2.96E-01	1.74E-01
NP_000977.1	RPL24	60S ribosomal protein L24	0.97	1.04	1.01	0.96	2.08E-01	1.16E-01	1.05E-01	3.18E-02
NP_938074.2	PRMT1	protein arginine N-methyltransferase 1 isoform 3	0.83	0.89	0.74	0.98	3.31E-02	5.94E-03	1.48E-01	5.87E-02
NP_955392.1	TPD52L2	tumor protein D54 isoform a	0.91	1.03	0.93	0.94	2.65E-01	1.61E-01	3.15E-01	1.91E-01
NP_006076.4	BPNT1	3'(2'),5'-bisphosphate nucleotidase 1 isoform 1	1.09	1.00	1.09	1.02	8.07E-02	2.88E-02	1.29E-01	4.64E-02
NP_066299.2	MYL6	myosin light polypeptide 6 isoform 1	0.82	1.04	0.85	0.90	4.78E-02	1.18E-02	6.14E-02	9.61E-03
NP_001005360.1	DNM2	dynammin-2 isoform 1	1.09	1.00	1.09	1.03	6.57E-03	2.51E-04	8.47E-02	2.08E-02
NP_000203.2	ITGB3	integrin beta-3 precursor	0.85	0.99	0.85	1.07	3.38E-02	6.21E-03	5.62E-02	7.31E-03
NP_004726.2	LRRFIP1	leucine-rich repeat flightless-interacting protein 1 isoform 4	0.88	1.08	0.95	0.97	4.79E-02	1.20E-02	5.79E-02	8.07E-03
NP_001306008.1	HMGA1	high mobility group protein HMG-I/HMG-Y isoform a	0.86	1.02	0.87	0.98	5.08E-02	1.35E-02	7.16E-02	1.39E-02
NP_001960.2	EIF5	eukaryotic translation initiation factor 5	1.06	1.05	1.11	1.00	2.88E-01	1.81E-01	8.83E-01	8.34E-01
NP_001118.3	AP1B1	AP-1 complex subunit beta-1 isoform a	1.06	1.04	1.10	1.08	5.95E-02	1.79E-02	3.46E-01	2.19E-01

NP_005137.1	SART1	U4/U6/U5 tri-snRNP-associated protein 1	0.94	1.01	0.95	0.99	1.51E-01	7.37E-02	1.63E-01	7.00E-02
NP_004823.1	GSTO1	glutathione S-transferase omega-1 isoform 1	1.07	0.97	1.04	1.03	4.05E-02	8.82E-03	5.11E-02	5.39E-03
NP_055706.1	PDAP1	28 kDa heat- and acid-stable phosphoprotein	0.85	1.06	0.90	0.98	3.65E-02	7.20E-03	5.18E-02	5.69E-03
NP_005600.1	PYGM	glycogen phosphorylase, muscle form isoform 1	1.23	0.96	1.17	1.15	1.58E-01	7.85E-02	1.56E-01	6.50E-02
NP_055635.3	TOMM70	mitochondrial import receptor subunit TOM70	1.07	0.96	1.03	1.05	6.23E-02	1.91E-02	8.22E-02	1.92E-02
NP_002622.2	PGD	6-phosphogluconate dehydrogenase, decarboxylating isoform 1	0.98	1.07	1.05	0.98	4.63E-01	3.45E-01	1.64E-01	7.04E-02
NP_036364.2	CAVIN1	caveolae-associated protein 1	0.93	1.05	0.98	0.99	2.21E-01	1.26E-01	1.74E-01	7.79E-02
NP_006491.2	MCAM	cell surface glycoprotein MUC18 precursor	1.00	1.11	1.10	1.17	8.29E-01	7.63E-01	6.35E-02	1.04E-02
NP_112243.1	RAB1B	ras-related protein Rab-1B	1.02	0.99	1.01	1.01	7.36E-01	6.50E-01	6.41E-01	5.30E-01
XP_011516714.1	FAM120A	constitutive coactivator of PPAR-gamma-like protein 1 isoform X1	0.97	0.96	0.94	1.03	3.53E-01	2.37E-01	7.75E-01	6.93E-01
NP_003839.2	SUCLG2	succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial isoform 2 precursor	1.16	0.90	1.04	1.07	2.65E-01	1.62E-01	2.65E-01	1.47E-01
NP_002799.3	PSMD2	26S proteasome non-ATPase regulatory subunit 2 isoform 1	1.08	1.00	1.09	1.01	2.08E-02	2.56E-03	1.72E-01	7.58E-02
NP_001307661.1	CAPG	macrophage-capping protein isoform 1	1.09	0.97	1.06	0.93	7.69E-03	3.35E-04	3.49E-02	1.13E-03
NP_060676.2	VPS35	vacuolar protein sorting-associated protein 35	0.97	0.98	0.95	1.01	1.17E-01	5.06E-02	8.77E-01	8.26E-01
NP_005491.1	SAE1	SUMO-activating enzyme subunit 1 isoform a	1.02	0.98	1.00	1.04	1.85E-01	9.82E-02	1.34E-01	4.99E-02
NP_003356.2	UQCRC1	cytochrome b-c1 complex subunit 1, mitochondrial precursor	1.10	0.98	1.08	1.05	1.44E-02	1.21E-03	5.83E-02	8.28E-03
NP_001006.1	RPS11	40S ribosomal protein S11	1.10	0.99	1.09	0.99	6.28E-02	1.94E-02	8.74E-02	2.24E-02
XP_024308119.1	ACSL4	long-chain-fatty-acid--CoA ligase 4 isoform X2	0.98	1.07	1.05	1.14	1.10E-01	4.62E-02	5.94E-02	8.70E-03
NP_001350685.1	ECPAS	proteasome adapter and scaffold protein ECM29 isoform 2	1.11	0.93	1.03	1.02	2.21E-01	1.25E-01	1.74E-01	7.73E-02
NP_003361.1	VASP	vasodilator-stimulated phosphoprotein	1.09	1.04	1.13	1.07	4.32E-02	9.88E-03	1.20E-01	4.10E-02
NP_542379.1	APEX1	DNA-(apurinic or apyrimidinic site) lyase	1.08	0.95	1.03	1.06	7.60E-02	2.62E-02	6.65E-02	1.15E-02
NP_001309423.1	GSS	glutathione synthetase	1.07	0.99	1.06	1.03	5.04E-02	1.32E-02	1.39E-01	5.30E-02
NP_001531.1	HSPB1	heat shock protein beta-1	0.87	1.03	0.90	1.02	4.61E-02	1.13E-02	5.72E-02	7.78E-03
NP_001651.1	ARF4	ADP-ribosylation factor 4	1.16	0.87	1.00	1.02	5.01E-02	1.30E-02	5.00E-02	5.03E-03
NP_004951.1	FUS	RNA-binding protein FUS isoform 1	0.63	1.10	0.70	0.71	1.43E-02	1.19E-03	3.45E-02	1.05E-03
NP_075385.1	MARCKSL1	MARCKS-related protein	0.76	0.97	0.74	0.94	8.84E-03	4.25E-04	3.33E-02	6.19E-04
NP_068733.1	CFL2	cofilin-2 isoform 1	1.00	1.02	1.02	1.10	9.16E-01	8.78E-01	7.31E-01	6.37E-01
NP_001017992.1	ACTBL2	beta-actin-like protein 2	1.14	0.93	1.06	1.30	2.36E-01	1.37E-01	3.42E-01	2.15E-01
XP_016868728.1	PUF60	poly(U)-binding-splicing factor PUF60 isoform X13	1.00	0.98	0.98	1.01	9.49E-01	9.28E-01	2.98E-01	1.75E-01
NP_002699.1	PPP1CA	serine/threonine-protein phosphatase PP1-alpha catalytic subunit isoform 1	1.06	0.89	0.95	1.06	9.25E-02	3.51E-02	5.00E-02	5.00E-03
NP_005561.1	LMAN1	protein ERGIC-53 precursor	1.14	1.00	1.15	1.07	3.27E-02	5.81E-03	5.79E-02	8.13E-03
NP_000968.2	RPL13	60S ribosomal protein L13 isoform 1	0.95	1.06	1.01	0.96	1.62E-01	8.16E-02	8.44E-02	2.06E-02
NP_005316.1	H1-1	histone H1.1	0.74	1.12	0.83	0.86	4.49E-02	1.06E-02	7.16E-02	1.40E-02
XP_011532244.1	PRKAR2A	cAMP-dependent protein kinase type II-alpha regulatory subunit isoform X1	1.06	0.97	1.03	1.06	3.19E-02	5.53E-03	4.07E-02	2.41E-03
NP_001427.2	FBL	rRNA 2'-O-methyltransferase fibrillar	1.09	0.97	1.05	1.05	2.65E-02	3.93E-03	6.60E-02	1.12E-02
NP_598000.2	CD109	CD109 antigen isoform 1	0.95	0.95	0.91	1.01	2.55E-02	3.65E-03	4.55E-01	3.27E-01
NP_061185.1	RCC2	protein RCC2	1.03	0.92	0.95	0.99	1.96E-01	1.06E-01	7.83E-02	1.69E-02
XP_005249816.1	OGDH	2-oxoglutarate dehydrogenase, mitochondrial isoform X1	1.18	0.95	1.13	1.07	7.16E-03	2.90E-04	5.62E-02	7.27E-03
NP_005795.2	DDX39A	ATP-dependent RNA helicase DDX39A	1.07	0.93	1.00	1.00	3.68E-02	7.32E-03	5.10E-02	5.34E-03
NP_001008.1	RPS13	40S ribosomal protein S13	1.01	1.02	1.03	0.92	9.54E-02	3.68E-02	1.56E-01	6.47E-02
XP_011509878.1	RANBP2	E3 SUMO-protein ligase RanBP2 isoform X6	1.06	0.98	1.04	1.05	5.66E-02	1.64E-02	1.59E-01	6.73E-02
NP_001001973.1	ATP5F1C	ATP synthase subunit gamma, mitochondrial isoform L (liver) precursor	1.17	0.88	1.03	1.05	5.36E-02	1.50E-02	5.00E-02	5.01E-03
NP_001136402.1	API5	apoptosis inhibitor 5 isoform a	1.02	0.99	1.01	1.02	1.65E-01	8.34E-02	2.03E-01	9.87E-02
NP_937818.1	NME1	nucleoside diphosphate kinase A isoform a	0.94	1.02	0.96	1.02	1.58E-01	7.84E-02	2.43E-01	1.28E-01
XP_016857524.1	S100A13	protein S100-A13 isoform X1	0.81	1.02	0.82	0.81	2.16E-02	2.71E-03	4.55E-02	3.69E-03
NP_001309897.1	OAT	ornithine aminotransferase, mitochondrial isoform 1 precursor	1.37	0.96	1.32	1.10	1.96E-02	2.28E-03	4.43E-02	3.16E-03
NP_710154.1	IKBIP	inhibitor of nuclear factor kappa-B kinase-interacting protein isoform 1	1.04	0.97	1.00	1.02	2.67E-02	4.03E-03	1.62E-01	6.90E-02

NP_060140.2	OTUB1	ubiquitin thioesterase OTUB1	1.03	0.95	0.98	1.03	5.38E-02	1.51E-02	8.46E-02	2.06E-02
XP_005246217.1	HPCAL1	hippocalcin-like protein 1 isoform X1	0.77	1.00	0.77	0.89	4.23E-04	2.33E-06	4.11E-02	2.50E-03
XP_016867690.1	LAMB1	laminin subunit beta-1 isoform X1	0.80	0.93	0.75	0.88	4.15E-02	9.16E-03	8.25E-02	1.96E-02
NP_005723.2	RAD50	DNA repair protein RAD50	1.06	0.98	1.04	1.03	2.18E-01	1.23E-01	1.80E-01	8.19E-02
NP_001171889.1	SH3KBP1	SH3 domain-containing kinase-binding protein 1 isoform c	0.89	1.01	0.90	0.99	1.85E-01	9.85E-02	1.83E-01	8.44E-02
NP_036473.2	GTPBP4	nucleolar GTP-binding protein 1	1.05	0.93	0.98	1.04	5.07E-02	1.34E-02	4.63E-02	3.88E-03
NP_001305051.1	AK1	adenylate kinase isoenzyme 1 isoform 2	1.08	1.01	1.09	1.11	4.18E-02	9.25E-03	9.03E-02	2.42E-02
NP_005508.1	HMGN2	non-histone chromosomal protein HMG-17	0.77	1.02	0.79	0.91	1.18E-02	8.02E-04	3.45E-02	9.79E-04
NP_005142.1	USP14	ubiquitin carboxyl-terminal hydrolase 14 isoform a	1.12	0.97	1.09	1.06	1.60E-02	1.55E-03	7.68E-02	1.63E-02
XP_005268645.1	CPSF6	cleavage and polyadenylation specificity factor subunit 6 isoform X1	1.01	0.95	0.96	1.03	2.42E-01	1.42E-01	6.35E-02	1.04E-02
NP_066997.3	CCAR2	cell cycle and apoptosis regulator protein 2 isoform 1	1.08	0.94	1.02	1.02	1.34E-02	1.02E-03	3.53E-02	1.41E-03
NP_036525.1	PFAS	phosphoribosylformylglycinamide synthase	1.09	0.98	1.07	1.08	5.88E-02	1.75E-02	6.88E-02	1.29E-02
XP_005255126.1	ATXN2L	ataxin-2-like protein isoform X6	1.00	1.00	1.00	1.05	9.19E-01	8.82E-01	8.38E-01	7.73E-01
XP_011517227.1	NIBAN2	protein Niban 2 isoform X2	1.11	0.99	1.09	1.08	4.47E-02	1.06E-02	5.79E-02	8.18E-03
NP_001106963.1	SEPTIN9	septin-9 isoform a	1.05	1.02	1.07	1.06	1.19E-01	5.18E-02	3.81E-01	2.52E-01
NP_000662.3	ADH5	alcohol dehydrogenase class-3	1.07	0.98	1.04	1.02	7.43E-02	2.51E-02	7.21E-02	1.47E-02
NP_004628.4	RAB7A	ras-related protein Rab-7a	1.10	0.99	1.10	1.05	8.22E-03	3.74E-04	3.87E-02	2.21E-03
NP_002065.1	GNB1	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 isoform 1	1.09	0.92	1.01	1.07	4.37E-02	1.01E-02	5.23E-02	5.98E-03
XP_005256612.1	FLII	protein flightless-1 homolog isoform X1	1.08	1.03	1.11	1.09	1.44E-01	6.89E-02	2.73E-01	1.54E-01
NP_005691.2	DPP3	dipeptidyl peptidase 3 isoform 1	1.13	0.96	1.08	1.05	2.82E-02	4.36E-03	7.14E-02	1.39E-02
NP_001124161.1	HMGB2	high mobility group protein B2	0.79	1.01	0.80	0.90	1.95E-02	2.26E-03	3.69E-02	2.01E-03
NP_004085.1	EIF2S1	eukaryotic translation initiation factor 2 subunit 1	1.07	0.99	1.06	1.01	1.95E-01	1.06E-01	2.24E-01	1.13E-01
NP_079031.2	SLTM	SAFB-like transcription modulator isoform a	0.89	1.03	0.91	0.94	4.88E-02	1.25E-02	6.02E-02	9.13E-03
NP_000969.1	RPL23	60S ribosomal protein L23	0.98	1.11	1.09	1.00	3.57E-01	2.40E-01	7.02E-02	1.34E-02
NP_002778.1	PSMA2	proteasome subunit alpha type-2	1.11	1.00	1.10	1.02	2.65E-02	3.94E-03	6.42E-02	1.05E-02
NP_003396.1	YWHAH	14-3-3 protein eta	1.09	1.00	1.08	1.03	4.79E-02	1.20E-02	8.02E-02	1.85E-02
NP_006001.5	MANF	mesencephalic astrocyte-derived neurotrophic factor precursor	1.04	1.04	1.08	1.08	1.49E-01	7.25E-02	5.91E-01	4.76E-01
NP_001310245.1	TGM2	protein-glutamine gamma-glutamyltransferase 2 isoform a	1.35	1.08	1.46	1.15	5.49E-02	1.56E-02	9.94E-02	2.90E-02
NP_817092.1	PPM1G	protein phosphatase 1G	0.91	1.02	0.92	0.96	3.38E-02	6.15E-03	4.86E-02	4.47E-03
XP_011536806.1	PPP1CC	serine/threonine-protein phosphatase PP1-gamma catalytic subunit isoform X1	0.97	1.09	1.06	1.17	7.59E-01	6.78E-01	3.48E-01	2.21E-01
NP_002809.2	PSME2	proteasome activator complex subunit 2	1.09	0.91	0.99	1.01	3.63E-02	7.13E-03	7.62E-02	1.61E-02
NP_057190.2	SCFD1	sec1 family domain-containing protein 1 isoform a	1.10	0.99	1.09	1.07	8.61E-02	3.18E-02	1.38E-01	5.21E-02
NP_004883.3	SEC22B	vesicle-trafficking protein SEC22b precursor	1.17	1.06	1.24	1.11	5.07E-02	1.33E-02	1.36E-01	5.08E-02
NP_006089.1	RACK1	receptor of activated protein C kinase 1	1.07	0.97	1.04	1.03	3.39E-02	6.36E-03	4.91E-02	4.62E-03
NP_062556.2	RBMXL1	RNA binding motif protein, X-linked-like-1	0.98	1.03	1.00	1.05	6.02E-01	4.96E-01	4.16E-01	2.89E-01
NP_001900.1	CTSD	cathepsin D	0.79	0.83	0.66	0.91	1.28E-02	9.33E-04	7.32E-02	1.51E-02
XP_024309269.1	APEH	acylamino-acid-releasing enzyme isoform X4	1.02	1.04	1.06	1.03	4.11E-01	2.91E-01	2.78E-01	1.58E-01
NP_004068.2	CS	citrate synthase, mitochondrial precursor	1.10	0.96	1.06	1.02	1.05E-02	5.93E-04	3.66E-02	1.91E-03
NP_065761.1	LRRC47	leucine-rich repeat-containing protein 47	1.11	0.97	1.07	1.05	7.13E-02	2.35E-02	8.25E-02	1.94E-02
NP_003678.2	PDLIM4	PDZ and LIM domain protein 4 isoform 1	0.95	1.04	1.00	1.06	1.58E-02	1.52E-03	7.21E-02	1.46E-02
NP_001020092.1	RPL9	60S ribosomal protein L9	1.09	0.96	1.04	1.01	1.39E-01	6.55E-02	1.76E-01	8.01E-02
NP_006126.1	CAPZA1	F-actin-capping protein subunit alpha-1	1.07	1.00	1.07	1.08	1.66E-02	1.66E-03	4.67E-02	4.00E-03
NP_009109.3	STRAP	serine-threonine kinase receptor-associated protein	1.00	1.00	1.00	1.04	9.84E-01	9.77E-01	9.00E-01	8.56E-01
XP_016857671.1	RO60	60 kDa SS-A/Ro ribonucleoprotein isoform X2	1.06	0.98	1.04	1.06	1.38E-01	6.43E-02	1.30E-01	4.72E-02
NP_001309366.1	HNRNP3	heterogeneous nuclear ribonucleoprotein H3 isoform a	0.95	1.02	0.97	0.97	1.57E-01	7.80E-02	1.91E-01	9.05E-02
NP_003320.2	TXN	thioredoxin isoform 1	0.72	1.18	0.85	0.80	5.43E-02	1.53E-02	6.01E-02	9.06E-03
NP_001345.1	AKR1C2	aldo-keto reductase family 1 member C2 isoform 1	0.93	0.90	0.84	0.92	1.06E-02	6.28E-04	3.72E-01	2.43E-01

XP_016875261.1	RAN	GTP-binding nuclear protein Ran isoform X1	1.13	0.97	1.09	1.02	2.83E-02	4.39E-03	4.47E-02	3.42E-03
NP_003286.1	TPT1	translationally-controlled tumor protein isoform 2	0.83	1.03	0.86	0.84	4.93E-02	1.27E-02	6.20E-02	9.84E-03
NP_001193665.1	NSFL1C	NSFL1 cofactor p47 isoform d	0.88	1.07	0.93	0.95	1.51E-01	7.35E-02	1.55E-01	6.37E-02
NP_005889.3	CAPRIN1	caprin-1 isoform 1	0.68	1.03	0.70	0.86	3.94E-03	9.43E-05	2.37E-02	1.01E-04
XP_024302561.1	SRRT	serrate RNA effector molecule homolog isoform X1	1.05	0.97	1.02	1.01	5.17E-02	1.41E-02	6.35E-02	1.02E-02
NP_002860.2	RAB6A	ras-related protein Rab-6A isoform a	1.09	0.96	1.04	1.06	2.60E-02	3.80E-03	4.94E-02	4.70E-03
XP_016864325.1	AIMP1	aminoacyl tRNA synthase complex-interacting multifunctional protein 1 isoform X1	1.05	1.03	1.08	1.12	1.67E-01	8.52E-02	3.93E-01	2.64E-01
NP_003339.1	UBE2N	ubiquitin-conjugating enzyme E2 N	0.99	1.03	1.02	0.98	4.24E-02	9.62E-03	3.38E-02	7.22E-04
NP_001739.3	CAPN2	calpain-2 catalytic subunit isoform 1	1.17	0.95	1.11	1.06	2.38E-02	3.21E-03	4.32E-02	2.79E-03
XP_024303866.1	ATAD3A	ATPase family AAA domain-containing protein 3A isoform X1	1.08	0.98	1.05	1.00	7.83E-02	2.73E-02	7.92E-02	1.76E-02
NP_055554.1	BCLAF1	bcl-2-associated transcription factor 1 isoform 1	0.90	0.98	0.89	0.96	2.75E-02	4.20E-03	6.70E-02	1.18E-02
XP_011511152.1	MELTF	melanotransferrin isoform X1	1.02	0.97	0.99	1.05	5.14E-01	3.98E-01	2.98E-01	1.76E-01
NP_996759.1	PPP1CB	serine/threonine-protein phosphatase PPI-beta catalytic subunit isoform 1	1.14	0.91	1.03	1.01	1.05E-01	4.30E-02	8.02E-02	1.83E-02
NP_006017.1	H1-10	histone H1x	1.11	1.05	1.17	0.97	7.39E-03	3.05E-04	7.06E-02	1.36E-02
NP_004102.1	FEN1	flap endonuclease 1	1.06	0.99	1.05	1.01	3.19E-02	5.57E-03	4.86E-02	4.45E-03
NP_003579.3	CUL4B	cullin-4B isoform 1	0.99	0.99	0.98	1.04	4.06E-02	8.86E-03	8.48E-01	7.86E-01
NP_001264.2	CHD4	chromodomain-helicase-DNA-binding protein 4 isoform 1	0.99	0.92	0.91	1.00	7.00E-02	2.28E-02	5.84E-02	8.39E-03
NP_003080.2	SNRNP70	U1 small nuclear ribonucleoprotein 70 kDa isoform 1	0.96	1.00	0.96	1.00	1.58E-01	7.90E-02	1.74E-01	7.77E-02
NP_000971.1	RPL18A	60S ribosomal protein L18a	1.10	0.92	1.01	0.97	9.84E-02	3.86E-02	6.66E-02	1.16E-02
XP_016883220.1	RALY	RNA-binding protein Raly isoform X1	1.03	0.92	0.94	0.98	4.60E-01	3.40E-01	1.07E-01	3.29E-02
NP_002125.3	HMOX2	heme oxygenase 2 isoform b	1.11	0.96	1.06	1.03	4.60E-02	1.12E-02	1.03E-01	3.07E-02
XP_011511808.1	LYAR	cell growth-regulating nucleolar protein isoform X1	1.02	1.01	1.03	0.99	4.61E-01	3.43E-01	9.30E-01	9.00E-01
XP_024302710.1	CALD1	caldesmon isoform X2	0.96	1.05	1.01	1.11	1.38E-01	6.46E-02	9.33E-02	2.59E-02
NP_001016.1	RPS23	40S ribosomal protein S23	0.98	1.01	0.99	0.96	2.75E-01	1.71E-01	2.10E-01	1.03E-01
NP_001106966.1	SEPTIN9	septin-9 isoform e	0.99	0.94	0.93	0.99	8.55E-01	7.97E-01	6.66E-01	5.61E-01
NP_004631.1	DDX39B	spliceosome RNA helicase DDX39B	1.18	0.94	1.10	1.04	1.53E-01	7.47E-02	1.60E-01	6.81E-02
XP_005262724.1	UGDH	UDP-glucose 6-dehydrogenase isoform X1	1.03	0.99	1.01	1.02	2.36E-01	1.37E-01	1.74E-01	7.74E-02
NP_001007075.1	RPL32	60S ribosomal protein L32	0.99	0.98	0.97	0.95	2.37E-01	1.38E-01	5.68E-01	4.50E-01
NP_001924.2	DLST	dihydropolyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial isoform 1 precursor	1.13	0.97	1.09	1.05	1.04E-01	4.21E-02	1.42E-01	5.53E-02
NP_001308633.1	RPS9	40S ribosomal protein S9 isoform a	0.97	1.05	1.02	0.87	5.10E-01	3.94E-01	2.26E-01	1.14E-01
XP_005274734.1	MAGEA4	melanoma-associated antigen 4 isoform X1	1.03	0.95	0.98	1.03	5.03E-01	3.86E-01	2.43E-01	1.28E-01
NP_006342.2	TIMM44	mitochondrial import inner membrane translocase subunit TIM44	1.11	0.94	1.04	1.08	2.69E-03	4.86E-05	4.11E-02	2.47E-03
NP_066565.1	NMT1	glycylpeptide N-tetradecanoyltransferase 1	1.09	0.99	1.08	1.08	3.68E-02	7.35E-03	5.38E-02	6.72E-03
XP_005266335.1	ESD	S-formylglutathione hydrolase isoform X1	1.12	0.97	1.09	1.08	5.90E-02	1.77E-02	1.68E-01	7.29E-02
NP_001026859.1	PLAA	phospholipase A-2-activating protein isoform 1	1.18	0.88	1.05	1.08	1.17E-01	5.07E-02	9.04E-02	2.43E-02
NP_644670.1	EHD4	EH domain-containing protein 4	1.10	1.06	1.17	1.10	4.05E-02	8.82E-03	4.32E-01	3.03E-01
NP_036526.2	PFDN2	prefoldin subunit 2	0.88	1.04	0.92	1.01	3.33E-02	6.00E-03	4.91E-02	4.64E-03
NP_001349699.1	CSNK2A1	casein kinase II subunit alpha isoform a	0.96	0.96	0.92	1.00	1.25E-01	5.63E-02	8.37E-01	7.71E-01
NP_001352825.1	NACA	nascent polypeptide-associated complex subunit alpha isoform d	0.74	1.01	0.75	0.83	1.07E-02	6.60E-04	3.38E-02	6.79E-04
NP_689953.1	HIBADH	3-hydroxyisobutyrate dehydrogenase, mitochondrial precursor	1.08	0.98	1.06	1.05	3.13E-03	6.91E-05	1.00E-01	2.93E-02
NP_002096.1	H2AX	histone H2AX	0.90	1.07	0.96	0.84	2.65E-01	1.62E-01	1.74E-01	7.77E-02
NP_078934.3	IPO4	importin-4	1.01	0.97	0.98	0.97	7.11E-01	6.23E-01	2.47E-01	1.32E-01
XP_005267319.1	SEC23A	protein transport protein Sec23A isoform X1	1.20	0.87	1.04	1.03	1.90E-01	1.02E-01	1.64E-01	7.04E-02
NP_001244.1	CDC5L	cell division cycle 5-like protein	0.99	0.97	0.96	1.02	5.49E-02	1.57E-02	6.78E-01	5.75E-01
NP_064587.1	NIT2	omega-amidase NIT2	1.10	0.98	1.08	1.06	3.39E-02	6.25E-03	5.18E-02	5.74E-03
XP_016860272.1	STAT1	signal transducer and activator of transcription 1-alpha/beta isoform X1	1.11	1.04	1.15	1.09	3.36E-02	6.08E-03	1.20E-01	4.06E-02

NP_001092755.1	PTMA	prothymosin alpha isoform 1	0.68	1.05	0.72	0.88	4.05E-02	8.79E-03	5.44E-02	6.85E-03
NP_000180.2	HK2	hexokinase-2 isoform 1	0.88	1.00	0.88	1.09	2.26E-02	2.90E-03	5.35E-02	6.63E-03
NP_001170884.1	RPS27A	ubiquitin-40S ribosomal protein S27a precursor	0.92	1.00	0.92	0.94	4.23E-04	2.29E-06	7.52E-02	1.58E-02
NP_001290472.1	VBP1	prefoldin subunit 3 isoform 2	0.99	1.03	1.02	1.05	8.25E-01	7.58E-01	3.56E-01	2.29E-01
NP_005727.1	ACTR1A	alpha-centractin	0.89	1.17	1.04	0.94	1.05E-01	4.30E-02	5.98E-02	9.00E-03
NP_055866.1	ERP44	endoplasmic reticulum resident protein 44 precursor	1.06	1.00	1.06	1.03	5.26E-02	1.46E-02	8.02E-02	1.85E-02
XP_011523281.1	NPLOC4	nuclear protein localization protein 4 homolog isoform X1	1.10	0.99	1.08	1.05	8.61E-02	3.18E-02	1.08E-01	3.35E-02
NP_004809.2	DDX23	probable ATP-dependent RNA helicase DDX23	1.08	0.95	1.03	1.02	1.05E-01	4.28E-02	1.14E-01	3.69E-02
NP_001309862.1	STAU1	double-stranded RNA-binding protein Staufen homolog 1 isoform f	0.91	1.03	0.94	0.99	6.52E-03	2.43E-04	6.08E-02	9.40E-03
NP_005264.2	GNB2	guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	1.09	0.96	1.05	1.05	7.44E-02	2.51E-02	1.25E-01	4.33E-02
NP_002201.2	ITGAV	integrin alpha-V isoform 1	0.95	0.94	0.89	0.95	3.53E-02	6.73E-03	1.71E-01	7.49E-02
NP_203754.2	TNKS1BP1	182 kDa tankyrase-1-binding protein	0.90	1.05	0.94	0.97	1.75E-01	9.11E-02	1.48E-01	5.93E-02
XP_024304433.1	SSRP1	FACT complex subunit SSRP1 isoform X3	0.98	0.98	0.96	1.00	6.82E-01	5.88E-01	9.61E-01	9.44E-01
NP_060225.4	NSUN2	RNA cytosine C(5)-methyltransferase NSUN2 isoform 1	1.06	0.97	1.03	1.03	2.84E-02	4.41E-03	3.69E-02	1.99E-03
NP_001035109.1	FAM3C	protein FAM3C precursor	0.99	1.04	1.03	1.06	4.63E-01	3.45E-01	1.27E-01	4.52E-02
NP_055070.1	CNPY2	protein canopy homolog 2 isoform 1 precursor	0.83	1.04	0.87	0.87	2.80E-03	5.66E-05	1.80E-02	6.05E-05
XP_011518397.1	ARHGAP1	rho GTPase-activating protein 1 isoform X2	1.07	1.01	1.09	1.06	5.33E-02	1.48E-02	8.38E-02	2.01E-02
NP_001287831.1	CD55	complement decay-accelerating factor isoform 5 precursor	1.06	1.06	1.12	1.24	3.01E-02	4.97E-03	8.61E-01	8.05E-01
NP_061485.1	RAC1	ras-related C3 botulinum toxin substrate 1 isoform Rac1b	1.07	1.03	1.10	1.03	5.64E-02	1.62E-02	1.57E-01	6.58E-02
NP_065116.3	XPNPEP1	xaa-Pro aminopeptidase 1 isoform 1	1.06	0.99	1.05	1.05	1.28E-01	5.80E-02	1.60E-01	6.77E-02
NP_003642.3	YBX3	Y-box-binding protein 3 isoform a	0.91	0.95	0.87	0.95	7.91E-02	2.76E-02	3.23E-01	1.98E-01
NP_000088.3	CPOX	oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial precursor	1.04	1.00	1.04	1.05	2.21E-01	1.26E-01	4.55E-01	3.26E-01
NP_001003.1	RPS8	40S ribosomal protein S8	1.09	0.96	1.04	0.99	1.10E-02	6.82E-04	3.31E-02	5.26E-04
NP_001117.2	ADSS2	adenylosuccinate synthetase isozyme 2 isoform 1	1.00	0.96	0.96	1.01	9.81E-01	9.72E-01	4.77E-01	3.50E-01
NP_001350066.1	MTDH	protein LYRIC isoform 3	1.07	1.04	1.11	1.04	1.31E-02	9.89E-04	5.35E-02	6.55E-03
NP_036555.1	RPL13A	60S ribosomal protein L13a isoform 1	1.08	1.00	1.08	1.00	7.32E-02	2.45E-02	1.21E-01	4.13E-02
XP_011534403.1	UTRN	utrophin isoform X1	1.04	1.03	1.08	1.10	6.26E-02	1.94E-02	9.11E-01	8.70E-01
XP_005257825.1	SPAG9	C-Jun-amino-terminal kinase-interacting protein 4 isoform X1	1.09	0.99	1.08	0.99	5.25E-02	1.45E-02	8.65E-02	2.18E-02
NP_002085.3	GSPT1	eukaryotic peptide chain release factor GTP-binding subunit ERF3A isoform 1	1.09	0.97	1.06	1.01	2.25E-02	2.87E-03	5.79E-02	8.07E-03
XP_016856050.1	TXLNA	alpha-taxilin isoform X1	0.85	0.96	0.81	0.98	5.33E-02	1.48E-02	1.54E-01	6.28E-02
NP_001087240.1	TXNRD1	thioredoxin reductase 1, cytoplasmic isoform 5	1.22	0.97	1.18	1.06	5.74E-02	1.69E-02	7.88E-02	1.75E-02
NP_078938.3	NAT10	RNA cytidine acetyltransferase isoform a	1.08	0.99	1.06	1.06	1.88E-02	2.11E-03	7.20E-02	1.45E-02
NP_001171712.1	VDAC2	voltage-dependent anion-selective channel protein 2 isoform 1	1.13	0.94	1.06	1.03	5.71E-02	1.67E-02	5.62E-02	7.33E-03
NP_002970.2	SCP2	non-specific lipid-transfer protein isoform 1 precursor	1.05	1.00	1.05	0.99	8.14E-02	2.93E-02	3.10E-01	1.87E-01
XP_011525622.1	MYH14	myosin-14 isoform X1	1.01	1.09	1.10	1.16	7.90E-01	7.16E-01	2.32E-01	1.19E-01
NP_006004.3	RPL10	60S ribosomal protein L10 isoform a	1.09	0.99	1.08	1.02	1.98E-02	2.33E-03	5.38E-02	6.73E-03
NP_001116428.1	DBNL	drebrin-like protein isoform c	1.10	1.12	1.21	0.99	9.29E-01	8.97E-01	8.91E-01	8.43E-01
NP_067026.3	SRPRB	signal recognition particle receptor subunit beta	1.13	1.12	1.27	1.22	4.60E-02	1.12E-02	6.70E-01	5.65E-01
NP_001316851.1	CALM3	calmodulin-3 isoform 1	0.70	1.14	0.80	0.86	1.51E-02	1.41E-03	3.38E-02	7.66E-04
NP_004598.1	TBCA	tubulin-specific chaperone A isoform 2	0.77	1.07	0.83	0.93	6.23E-03	2.24E-04	3.53E-02	1.56E-03
NP_001302460.1	RPL26	60S ribosomal protein L26	0.86	1.02	0.87	0.87	8.02E-03	3.57E-04	3.45E-02	1.05E-03
NP_570850.2	OPA1	dynamin-like 120 kDa protein, mitochondrial isoform 8	1.09	0.98	1.07	1.10	7.46E-02	2.53E-02	9.33E-02	2.59E-02
NP_998776.1	SLC25A3	phosphate carrier protein, mitochondrial isoform b precursor	1.11	0.93	1.02	0.97	1.18E-01	5.15E-02	8.31E-02	1.98E-02
NP_055693.4	PUM3	pumilio homolog 3	1.04	0.99	1.02	1.00	2.51E-03	4.30E-05	2.72E-02	1.81E-04
NP_001349652.1	DBNL	drebrin-like protein isoform f	0.89	1.05	0.94	1.03	5.04E-02	1.32E-02	6.60E-02	1.11E-02
NP_001020262.1	ABCF1	ATP-binding cassette sub-family F member 1 isoform a	1.06	1.02	1.08	1.03	1.29E-01	5.84E-02	3.01E-01	1.78E-01
NP_057123.1	RTRAF	RNA transcription, translation and transport factor protein	1.01	0.98	0.99	1.03	3.77E-01	2.59E-01	3.26E-01	2.02E-01

NP_001304106.1	CHCHD3	MICOS complex subunit MIC19 isoform 1	1.14	0.95	1.08	1.11	4.47E-02	1.06E-02	5.20E-02	5.83E-03
NP_004392.1	DFFA	DNA fragmentation factor subunit alpha isoform 1	0.90	1.07	0.96	1.00	1.63E-03	1.82E-05	1.80E-02	1.45E-05
NP_001287789.1	DDX46	probable ATP-dependent RNA helicase DDX46 isoform 1	0.99	1.00	1.00	1.00	4.23E-01	3.04E-01	4.75E-01	3.48E-01
NP_001405.1	EIF2B1	translation initiation factor eIF-2B subunit alpha	1.07	0.93	1.00	1.02	2.38E-02	3.22E-03	8.65E-02	2.19E-02
NP_065385.2	PBXIP1	pre-B-cell leukemia transcription factor-interacting protein 1 isoform 1	0.98	0.98	0.96	0.99	9.97E-02	3.96E-02	9.65E-01	9.50E-01
NP_001189342.1	AKR1A1	aldo-keto reductase family 1 member A1	1.12	1.01	1.13	1.10	5.88E-02	1.76E-02	1.13E-01	3.61E-02
NP_945353.1	ARHGEF1	rho guanine nucleotide exchange factor 1 isoform 1	1.12	0.93	1.05	1.06	5.29E-02	1.46E-02	8.67E-02	2.21E-02
NP_036601.2	PRPF6	pre-mRNA-processing factor 6	1.04	1.00	1.04	1.04	6.26E-02	1.93E-02	8.57E-02	2.14E-02
NP_001198.2	BTF3	transcription factor BTF3 isoform B	1.02	0.90	0.92	1.06	8.85E-01	8.40E-01	4.07E-01	2.77E-01
NP_065090.1	PCNP	PEST proteolytic signal-containing nuclear protein isoform a	0.84	1.02	0.85	1.01	3.19E-02	5.56E-03	6.30E-02	1.00E-02
NP_057671.2	CBX3	chromobox protein homolog 3	0.74	0.97	0.72	0.84	2.92E-02	4.71E-03	5.35E-02	6.38E-03
NP_001670.1	ATP1B3	sodium/potassium-transporting ATPase subunit beta-3	1.05	1.04	1.09	1.16	5.17E-02	1.41E-02	8.32E-01	7.64E-01
NP_057175.1	EIF3L	eukaryotic translation initiation factor 3 subunit L isoform 1	1.00	0.89	0.90	1.00	8.79E-01	8.30E-01	1.38E-01	5.20E-02
NP_005038.1	PSMD5	26S proteasome non-ATPase regulatory subunit 5 isoform 1	1.06	0.99	1.05	1.03	1.28E-01	5.80E-02	1.41E-01	5.46E-02
NP_006787.2	AFG3L2	AFG3-like protein 2	1.07	0.96	1.02	1.04	2.67E-02	4.01E-03	4.43E-02	3.13E-03
NP_004621.2	SF1	splicing factor 1 isoform 1	0.87	1.04	0.91	0.91	2.87E-02	4.57E-03	8.65E-02	2.20E-02
NP_003960.1	UBE2M	NEDD8-conjugating enzyme Ubc12	1.12	0.97	1.09	1.02	1.16E-01	5.00E-02	1.26E-01	4.44E-02
NP_002865.1	RAD23B	UV excision repair protein RAD23 homolog B isoform 1	0.94	1.02	0.96	0.96	1.56E-02	1.47E-03	5.56E-02	7.11E-03
XP_016866762.1	DEK	protein DEK isoform X1	0.93	0.99	0.92	0.96	4.24E-02	9.65E-03	1.03E-01	3.10E-02
NP_003925.1	FUBP3	far upstream element-binding protein 3	1.07	0.99	1.06	1.05	3.11E-02	5.25E-03	6.35E-02	1.03E-02
NP_060708.1	AGK	acylglycerol kinase, mitochondrial isoform 1 precursor	1.03	1.00	1.03	1.04	1.49E-02	1.33E-03	4.39E-02	3.02E-03
NP_009121.1	SEC23IP	SEC23-interacting protein	1.10	1.07	1.18	1.09	1.68E-01	8.63E-02	5.50E-01	4.28E-01
XP_016858161.1	EIF4G3	eukaryotic translation initiation factor 4 gamma 3 isoform X1	0.98	0.98	0.95	1.04	4.99E-01	3.81E-01	9.65E-01	9.50E-01
NP_009106.1	ERLIN2	erlin-2 isoform 1	1.21	0.92	1.11	1.06	1.44E-01	6.86E-02	1.15E-01	3.74E-02
NP_005309.1	H1-0	histone H1.0	0.95	1.13	1.08	0.84	1.96E-01	1.06E-01	7.96E-02	1.79E-02
NP_003747.1	EIF3H	eukaryotic translation initiation factor 3 subunit H	0.94	0.93	0.87	0.99	1.29E-03	1.23E-05	3.61E-01	2.33E-01
NP_005796.1	PSMD14	26S proteasome non-ATPase regulatory subunit 14	1.10	0.99	1.09	1.05	4.18E-02	9.29E-03	8.93E-02	2.35E-02
NP_001123514.1	CRYZ	quinone oxidoreductase isoform a	1.04	0.98	1.02	0.98	4.48E-01	3.29E-01	3.85E-01	2.56E-01
NP_005713.1	ACTR2	actin-related protein 2 isoform b	1.04	0.99	1.04	1.01	1.55E-01	7.63E-02	2.85E-01	1.64E-01
NP_000507.1	GNAS	protein GNAS isoform GNASL	1.09	0.94	1.03	1.01	1.51E-02	1.39E-03	4.47E-02	3.36E-03
NP_877419.1	TXNRD1	thioredoxin reductase 1, cytoplasmic isoform 1	1.22	1.18	1.43	1.16	4.06E-01	2.86E-01	9.22E-01	8.89E-01
NP_001032726.1	BTF3	transcription factor BTF3 isoform A	0.89	1.05	0.93	1.00	2.34E-02	3.13E-03	5.62E-02	7.25E-03
NP_006139.1	LASP1	LIM and SH3 domain protein 1 isoform a	0.95	1.03	0.98	1.01	9.23E-02	3.50E-02	7.27E-02	1.50E-02
NP_002547.1	OSBP	oxysterol-binding protein 1	1.09	0.98	1.07	1.11	3.72E-02	7.49E-03	5.18E-02	5.77E-03
NP_079472.1	GRPEL1	grpE protein homolog 1, mitochondrial precursor	1.08	0.99	1.07	1.11	1.07E-01	4.42E-02	1.20E-01	4.10E-02
NP_002784.1	PSMB1	proteasome subunit beta type-1	1.04	0.98	1.02	1.02	6.35E-02	1.99E-02	6.96E-02	1.32E-02
XP_016882424.1	PPP5C	serine/threonine-protein phosphatase 5 isoform X1	1.08	0.97	1.05	1.06	5.36E-02	1.50E-02	6.50E-02	1.07E-02
XP_011541783.1	ERAP1	endoplasmic reticulum aminopeptidase 1 isoform X1	1.00	0.98	0.98	1.02	8.95E-01	8.52E-01	4.04E-01	2.75E-01
NP_060555.2	IPO9	impartin-9	1.09	0.90	0.99	1.03	6.38E-02	2.00E-02	5.18E-02	5.63E-03
XP_016861990.1	PAK2	serine/threonine-protein kinase PAK 2 isoform X1	1.08	0.99	1.07	1.05	4.01E-02	8.61E-03	5.97E-02	8.87E-03
XP_016874610.1	CORO1C	coronin-1C isoform X2	1.07	1.11	1.19	1.10	1.11E-01	4.64E-02	3.73E-01	2.46E-01
NP_001191397.1	RBM10	RNA-binding protein 10 isoform 5	0.98	1.02	0.99	1.05	3.70E-01	2.53E-01	2.33E-01	1.20E-01
XP_011524051.1	RNMT	mRNA cap guanine-N7 methyltransferase isoform X1	1.02	0.95	0.97	1.04	5.10E-01	3.94E-01	3.13E-01	1.89E-01
NP_001341528.2	IVD	isovaleryl-CoA dehydrogenase, mitochondrial isoform 5	1.04	0.95	0.99	1.09	1.55E-01	7.64E-02	9.42E-02	2.65E-02
NP_003090.2	SNX1	sorting nexin-1 isoform a	0.91	0.94	0.86	0.97	2.29E-02	2.99E-03	1.57E-01	6.57E-02
NP_001356311.1	NAPIL4	nucleosome assembly protein 1-like 4 isoform 2	0.86	1.05	0.90	0.95	6.01E-02	1.82E-02	9.22E-02	2.55E-02
NP_001284478.1	UPF1	regulator of nonsense transcripts 1 isoform 1	1.00	0.98	0.97	1.00	5.61E-01	4.49E-01	5.04E-01	3.79E-01

NP_001229236.1	PITRM1	presequence protease, mitochondrial isoform 1 precursor	1.04	0.98	1.02	1.05	1.44E-01	6.92E-02	1.74E-01	7.72E-02
XP_016879141.1	USP7	ubiquitin carboxyl-terminal hydrolase 7 isoform X1	1.05	0.96	1.01	0.99	6.40E-02	2.01E-02	6.60E-02	1.13E-02
NP_006364.2	VAT1	synaptic vesicle membrane protein VAT-1 homolog	1.20	1.07	1.28	1.07	1.95E-02	2.26E-03	6.60E-02	1.13E-02
NP_055984.1	RRS1	ribosome biogenesis regulatory protein homolog	0.82	1.08	0.89	0.99	5.35E-02	1.49E-02	7.18E-02	1.42E-02
NP_006550.1	KHDRBS1	KH domain-containing, RNA-binding, signal transduction-associated protein 1 isoform 1	0.96	0.97	0.94	0.96	1.98E-01	1.08E-01	8.80E-01	8.29E-01
NP_002818.1	PTPN1	tyrosine-protein phosphatase non-receptor type 1 isoform 1	1.10	0.95	1.05	1.00	4.78E-03	1.39E-04	8.02E-02	1.84E-02
NP_789839.1	PSME3	proteasome activator complex subunit 3 isoform 2	0.97	0.92	0.90	1.03	1.60E-01	7.99E-02	8.79E-02	2.27E-02
NP_057308.1	SNX9	sorting nexin-9	1.07	0.94	1.01	1.03	1.32E-01	6.04E-02	8.40E-02	2.03E-02
NP_665807.1	LUZP6	myotrophin	0.80	1.05	0.85	0.95	1.82E-02	1.96E-03	6.66E-02	1.16E-02
NP_002781.2	PSMA5	proteasome subunit alpha type-5 isoform 1	1.10	0.93	1.03	1.08	6.18E-02	1.88E-02	5.62E-02	7.34E-03
NP_001186913.1	NDUFS1	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial isoform 5	0.96	0.95	0.92	1.08	1.31E-02	9.80E-04	7.27E-01	6.32E-01
NP_057395.1	ATP5IF1	ATPase inhibitor, mitochondrial isoform 1 precursor	0.74	1.05	0.78	0.92	1.60E-02	1.56E-03	3.49E-02	1.14E-03
NP_003357.2	UQCRC2	cytochrome b-c1 complex subunit 2, mitochondrial precursor	1.05	0.99	1.05	1.05	2.01E-01	1.10E-01	2.29E-01	1.16E-01
XP_024302775.1	SCRN1	secernin-1 isoform X1	1.03	1.08	1.11	1.04	3.11E-01	2.00E-01	3.07E-01	1.83E-01
NP_055415.1	EHD3	EH domain-containing protein 3	1.09	1.10	1.20	1.15	6.43E-01	5.43E-01	9.52E-01	9.30E-01
NP_003959.3	UBA3	NEDD8-activating enzyme E1 catalytic subunit isoform 1	1.15	0.96	1.10	1.06	1.48E-01	7.13E-02	1.28E-01	4.59E-02
NP_001317160.1	NAP1L1	nucleosome assembly protein I-like 1 isoform 1	0.85	0.99	0.85	0.89	2.49E-02	3.48E-03	1.32E-01	4.82E-02
NP_665912.1	HMGAI	high mobility group protein HMG-I/HMG-Y isoform b	0.83	1.06	0.88	0.95	6.44E-02	2.02E-02	8.90E-02	2.34E-02
NP_072045.1	RPS18	40S ribosomal protein S18	0.97	1.04	1.01	0.94	2.62E-01	1.59E-01	1.66E-01	7.14E-02
NP_006294.2	AIMP2	aminoacyl tRNA synthase complex-interacting multifunctional protein 2 isoform a	1.08	1.01	1.10	1.05	5.10E-02	1.37E-02	8.34E-02	1.99E-02
NP_001305663.1	KLC2	kinesin light chain 2 isoform 1	1.03	1.01	1.04	1.02	1.99E-01	1.09E-01	2.75E-01	1.56E-01
NP_001300870.1	RHOA	transforming protein RhoA isoform 1 precursor	1.11	0.97	1.07	1.03	1.16E-02	7.47E-04	3.38E-02	7.97E-04
NP_003125.3	SRP14	signal recognition particle 14 kDa protein isoform 1	0.91	1.04	0.94	1.02	8.06E-02	2.87E-02	7.69E-02	1.63E-02
NP_000311.2	QDPR	dihydropteridine reductase isoform 1	0.97	1.08	1.04	1.04	5.25E-01	4.11E-01	2.64E-01	1.45E-01
NP_002788.1	PSMB5	proteasome subunit beta type-5 isoform 1	1.10	0.91	1.01	1.06	1.02E-01	4.11E-02	9.18E-02	2.52E-02
XP_005258516.1	HNRNPUL1	heterogeneous nuclear ribonucleoprotein U-like protein 1 isoform X1	1.06	0.97	1.02	1.02	3.78E-01	2.60E-01	3.22E-01	1.97E-01
NP_001276879.1	EEF1D	elongation factor 1-delta isoform 2	0.90	1.05	0.95	0.97	1.91E-01	1.03E-01	1.41E-01	5.46E-02
NP_003306.3	DNAJC7	dnaJ homolog subfamily C member 7 isoform 1	1.00	0.98	0.99	1.04	9.26E-01	8.90E-01	6.25E-01	5.12E-01
XP_011532748.1	DBN1	drebrin isoform X1	0.86	1.04	0.90	0.88	4.60E-02	1.11E-02	5.62E-02	7.31E-03
NP_002615.2	PFDN5	prefoldin subunit 5 isoform alpha	0.84	1.08	0.90	0.96	1.51E-02	1.35E-03	4.43E-02	3.11E-03
NP_005678.3	FARSB	phenylalanine--tRNA ligase beta subunit	1.09	0.97	1.06	1.05	2.59E-01	1.56E-01	2.43E-01	1.28E-01
XP_005245072.1	PRRC2C	protein PRRC2C isoform X1	0.85	1.04	0.88	1.04	4.24E-02	9.61E-03	5.35E-02	6.46E-03
NP_006354.2	SEC23B	protein transport protein Sec23B isoform 1	1.06	0.92	0.98	1.01	4.38E-02	1.02E-02	8.02E-02	1.84E-02
NP_056417.2	TOR1AIP1	torsin-1A-interacting protein 1 isoform 2	1.17	1.00	1.17	1.04	4.16E-03	1.08E-04	3.38E-02	7.48E-04
NP_001035807.1	H2AC19	histone H2A type 2-A	1.04	0.98	1.02	0.85	6.35E-01	5.32E-01	5.58E-01	4.35E-01
NP_001688.1	ATP5PO	ATP synthase subunit O, mitochondrial precursor	1.17	1.00	1.17	1.04	1.05E-02	5.93E-04	6.60E-02	1.13E-02
NP_000916.2	PDHB	pyruvate dehydrogenase E1 component subunit beta, mitochondrial isoform 1 precursor	1.14	0.96	1.10	1.05	2.43E-03	3.88E-05	4.32E-02	2.77E-03
XP_011508441.1	ARHGEF2	rho guanine nucleotide exchange factor 2 isoform X1	1.00	0.99	0.99	1.00	9.80E-01	9.71E-01	8.81E-01	8.31E-01
NP_057406.2	RAB14	ras-related protein Rab-14	1.09	0.97	1.05	1.02	9.30E-02	3.53E-02	8.02E-02	1.82E-02
NP_055317.1	PRPF19	pre-mRNA-processing factor 19	1.05	0.91	0.95	1.01	1.42E-01	6.77E-02	5.68E-02	7.59E-03
NP_001011.1	RPS16	40S ribosomal protein S16 isoform 1	1.15	0.84	0.97	0.99	8.86E-03	4.29E-04	2.72E-02	1.93E-04
NP_006293.2	MOGS	mannosyl-oligosaccharide glucosidase isoform 1	1.13	0.99	1.12	1.07	4.97E-02	1.29E-02	9.44E-02	2.68E-02
NP_112233.2	SFXN3	sideroflexin-3	1.07	0.96	1.03	1.03	2.05E-01	1.14E-01	1.34E-01	4.94E-02
NP_476516.1	NAA15	N-alpha-acetyltransferase 15, NatA auxiliary subunit	1.09	0.99	1.08	1.00	9.71E-02	3.77E-02	1.04E-01	3.12E-02
NP_005944.1	MT2A	metallothionein-2	0.33	0.85	0.29	0.90	1.05E-02	5.91E-04	3.45E-02	9.93E-04
NP_001185824.1	ACY1	aminoacylase-1 isoform a	0.97	1.02	0.99	1.00	1.29E-01	5.83E-02	8.37E-02	2.01E-02
XP_005247870.2	FXR1	fragile X mental retardation syndrome-related protein 1 isoform X1	0.98	0.98	0.96	0.96	6.29E-01	5.25E-01	8.51E-01	7.91E-01

NP_008937.1	NUDT21	cleavage and polyadenylation specificity factor subunit 5	1.09	0.95	1.04	1.06	2.30E-01	1.33E-01	1.59E-01	6.68E-02
NP_001032752.1	EEF1B2	elongation factor 1-beta	0.80	1.06	0.85	0.89	2.28E-02	2.96E-03	3.63E-02	1.85E-03
NP_004036.1	ATOX1	copper transport protein ATOX1	0.74	0.99	0.73	0.83	5.10E-02	1.37E-02	9.07E-02	2.46E-02
NP_055112.2	ETHE1	persulfide dioxygenase ETHE1, mitochondrial isoform 1	1.12	0.94	1.05	1.02	1.03E-01	4.18E-02	7.96E-02	1.79E-02
NP_006612.2	AHCYL1	S-adenosylhomocysteine hydrolase-like protein 1 isoform a	1.05	0.99	1.04	1.08	3.21E-01	2.08E-01	2.84E-01	1.62E-01
NP_001013.1	RPS19	40S ribosomal protein S19 isoform 1	0.88	1.08	0.95	0.90	2.60E-02	3.79E-03	3.69E-02	1.99E-03
NP_001076.2	SERPINA3	alpha-1-antichymotrypsin precursor	0.59	0.96	0.57	0.94	1.36E-02	1.08E-03	3.53E-02	1.25E-03
NP_060802.1	DDX19A	ATP-dependent RNA helicase DDX19A isoform 1	1.07	1.00	1.07	1.06	6.57E-03	2.50E-04	4.93E-02	4.67E-03
XP_011521876.1	ARHGDI1	rho GDP-dissociation inhibitor 1 isoform X1	1.16	0.91	1.05	1.05	1.45E-02	1.23E-03	3.45E-02	1.04E-03
NP_001351228.1	OXCT1	succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial isoform 1 precursor	1.14	0.93	1.06	1.12	4.82E-02	1.21E-02	5.01E-02	5.17E-03
NP_006800.2	TOMM34	mitochondrial import receptor subunit TOM34	1.03	1.00	1.03	1.07	2.62E-01	1.59E-01	4.37E-01	3.09E-01
NP_001019.1	RPS25	40S ribosomal protein S25	0.92	1.04	0.96	0.94	1.24E-01	5.53E-02	9.44E-02	2.67E-02
XP_016874003.1	BANF1	barrier-to-autointegration factor isoform X1	0.95	0.94	0.90	1.01	1.31E-01	5.97E-02	4.13E-01	2.85E-01
NP_004999.1	SNU13	NHP2-like protein 1	0.99	1.06	1.05	1.04	8.75E-01	8.25E-01	2.88E-01	1.66E-01
NP_057231.1	PPME1	protein phosphatase methylesterase 1 isoform a	1.01	1.00	1.02	1.02	9.39E-02	3.60E-02	5.98E-01	4.83E-01
NP_001120700.1	CBX1	chromobox protein homolog 1	0.80	0.99	0.80	0.88	1.20E-01	5.25E-02	1.70E-01	7.47E-02
NP_000476.1	APRT	adenine phosphoribosyltransferase isoform a	1.08	0.99	1.07	0.99	6.97E-02	2.26E-02	9.07E-02	2.46E-02
XP_011514672.1	RBM28	RNA-binding protein 28 isoform X1	0.97	1.04	1.01	1.03	6.41E-01	5.41E-01	3.71E-01	2.43E-01
NP_005653.3	VDAC3	voltage-dependent anion-selective channel protein 3 isoform 1	1.12	0.91	1.01	1.08	8.92E-02	3.36E-02	7.88E-02	1.72E-02
NP_036220.1	PGLS	6-phosphogluconolactonase	1.08	1.00	1.09	1.02	4.02E-02	8.68E-03	6.76E-02	1.21E-02
NP_004138.1	DRG1	developmentally-regulated GTP-binding protein 1	1.01	1.05	1.07	1.02	4.62E-02	1.13E-02	1.14E-01	3.71E-02
NP_778235.1	H2AC21	histone H2A type 2-B	1.04	1.01	1.05	0.97	2.30E-02	3.01E-03	6.71E-01	5.66E-01
NP_001350687.1	GATD3B	glutamine amidotransferase-like class 1 domain-containing protein 3B, mitochondrial isoform 1	1.02	1.00	1.02	1.08	3.33E-01	2.18E-01	4.43E-01	3.15E-01
NP_005101.1	GFPT2	glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2	0.96	0.98	0.95	1.06	5.34E-01	4.19E-01	7.53E-01	6.66E-01
NP_002284.3	LAMC1	laminin subunit gamma-1 precursor	0.85	0.92	0.79	0.91	9.39E-02	3.60E-02	2.85E-01	1.64E-01
NP_001186797.1	GLRX3	glutaredoxin-3 isoform 1	0.94	1.00	0.94	1.00	3.33E-02	5.99E-03	1.43E-01	5.57E-02
NP_001123537.1	MYO9B	unconventional myosin-IXb isoform 2	1.05	0.99	1.04	1.08	6.64E-02	2.12E-02	1.65E-01	7.11E-02
NP_056461.1	RAP1B	ras-related protein Rap-1b isoform 1 precursor	1.08	0.95	1.02	1.00	1.17E-01	5.08E-02	9.22E-02	2.54E-02
NP_055768.3	DIS3	exosome complex exonuclease RRP44 isoform a	1.10	0.91	0.99	1.01	3.44E-01	2.27E-01	2.65E-01	1.46E-01
NP_006450.2	ERLIN1	erlin-1 isoform a	1.07	1.00	1.07	1.05	1.25E-01	5.63E-02	1.51E-01	6.10E-02
NP_478059.1	PSAT1	phosphoserine aminotransferase isoform 1	1.22	1.18	1.44	1.12	3.16E-02	5.39E-03	2.72E-01	1.53E-01
NP_001035879.1	PSPC1	paraspeckle component 1 isoform 1	0.98	1.00	0.97	1.06	2.35E-02	3.16E-03	4.47E-02	3.38E-03
NP_001316.1	CSTF2	cleavage stimulation factor subunit 2 isoform 2	0.99	0.99	0.97	1.06	5.79E-01	4.69E-01	9.86E-01	9.81E-01
XP_016875215.1	PXN	paxillin isoform X1	0.98	0.92	0.90	0.99	8.29E-01	7.62E-01	5.82E-01	4.67E-01
NP_054779.1	MCTS1	malignant T-cell-amplified sequence 1 isoform 1	1.08	0.97	1.04	1.02	9.28E-02	3.52E-02	1.03E-01	3.10E-02
NP_002558.1	PEBP1	phosphatidylethanolamine-binding protein 1	1.04	0.97	1.01	1.07	3.41E-02	6.42E-03	3.69E-02	1.95E-03
NP_000974.1	RPL22	60S ribosomal protein L22	0.86	1.07	0.92	0.86	2.44E-01	1.44E-01	1.90E-01	8.94E-02
XP_005269031.1	PFKM	ATP-dependent 6-phosphofruktokinase, muscle type isoform X1	1.11	0.98	1.08	1.07	5.49E-02	1.56E-02	1.52E-01	6.16E-02
XP_005268405.1	GNPDA1	glucosamine-6-phosphate isomerase 1 isoform X1	1.14	0.95	1.09	1.06	6.70E-02	2.14E-02	6.64E-02	1.14E-02
XP_011542636.1	CEP170	centrosomal protein of 170 kDa isoform X1	0.99	1.01	1.01	1.01	8.66E-01	8.12E-01	6.82E-01	5.79E-01
NP_004209.2	RAB11B	ras-related protein Rab-11B	1.05	1.00	1.06	1.07	5.88E-02	1.75E-02	1.45E-01	5.68E-02
XP_006723200.1	PRPF31	U4/U6 small nuclear ribonucleoprotein Prp31 isoform X1	1.08	0.96	1.03	1.04	5.07E-02	1.34E-02	7.88E-02	1.74E-02
XP_006715869.1	SEPTIN7	septin-7 isoform X2	1.08	1.00	1.08	1.00	5.18E-04	3.30E-06	4.43E-02	3.23E-03
NP_000627.2	SOD2	superoxide dismutase [Mn], mitochondrial isoform A precursor	1.08	0.93	1.00	1.07	1.14E-01	4.83E-02	7.18E-02	1.43E-02
NP_000954.1	PTGS2	prostaglandin G/H synthase 2	0.98	0.76	0.74	0.69	7.41E-02	2.50E-02	8.84E-02	2.31E-02
NP_057103.2	FMC1-LUC7L2	putative RNA-binding protein Luc7-like 2 isoform 1	0.92	0.98	0.90	0.97	2.45E-02	3.40E-03	6.51E-02	1.07E-02

XP_006715894.1	SLC25A13	calcium-binding mitochondrial carrier protein Aralar2 isoform X1	1.09	0.93	1.01	1.02	2.93E-02	4.76E-03	3.53E-02	1.55E-03
NP_001353176.1	GLOD4	glyoxalase domain-containing protein 4 isoform 2	1.06	0.98	1.04	1.03	2.12E-01	1.19E-01	1.70E-01	7.40E-02
NP_003746.2	EIF3G	eukaryotic translation initiation factor 3 subunit G	0.87	1.00	0.87	0.95	1.09E-01	4.52E-02	1.51E-01	6.11E-02
NP_001171501.1	SF1	splicing factor 1 isoform 6	0.85	0.96	0.82	0.98	6.82E-02	2.20E-02	1.88E-01	8.83E-02
NP_001123579.1	KLC1	kinesin light chain 1 isoform 3	1.00	1.01	1.01	1.05	8.32E-01	7.66E-01	4.75E-01	3.48E-01
NP_003109.1	SPARC	SPARC isoform 1 precursor	0.69	0.99	0.68	0.97	1.27E-01	5.75E-02	1.52E-01	6.19E-02
NP_001269374.1	EHD1	EH domain-containing protein 1 isoform 2	1.05	1.04	1.09	1.02	3.13E-01	2.02E-01	8.14E-01	7.41E-01
NP_001653.1	ARF5	ADP-ribosylation factor 5	0.91	1.03	0.94	1.00	1.58E-02	1.50E-03	7.20E-02	1.45E-02
NP_001017.1	RPS24	40S ribosomal protein S24 isoform c	1.07	1.04	1.11	1.00	1.86E-01	9.86E-02	5.24E-01	4.01E-01
NP_065392.1	APMAP	adipocyte plasma membrane-associated protein	1.19	0.98	1.16	1.07	9.76E-03	5.09E-04	3.31E-02	5.78E-04
XP_016873363.1	UBXN1	UBX domain-containing protein 1 isoform X2	0.97	0.99	0.96	1.04	1.09E-01	4.52E-02	4.11E-01	2.83E-01
NP_001310550.1	UNC45A	protein unc-45 homolog A isoform 3	1.00	1.03	1.04	1.04	9.62E-01	9.46E-01	5.52E-01	4.30E-01
XP_005265126.1	GOLGA4	golgin subfamily A member 4 isoform X1	1.04	1.04	1.09	1.07	5.52E-01	4.39E-01	9.96E-01	9.95E-01
NP_005331.1	HINT1	histidine triad nucleotide-binding protein 1	1.07	0.96	1.03	1.16	5.15E-02	1.39E-02	1.04E-01	3.14E-02
NP_006764.3	DDX18	ATP-dependent RNA helicase DDX18	1.10	1.01	1.11	1.04	2.32E-02	3.08E-03	6.77E-02	1.22E-02
NP_001248755.1	AP3D1	AP-3 complex subunit delta-1 isoform 3	0.99	0.97	0.96	1.02	2.50E-01	1.49E-01	1.63E-01	7.02E-02
NP_006283.1	TSG101	tumor susceptibility gene 101 protein	1.02	1.02	1.05	1.03	3.10E-01	1.99E-01	9.84E-01	9.78E-01
NP_001305049.1	SEC31A	protein transport protein Sec31A isoform 1	1.06	0.96	1.02	1.06	7.46E-02	2.53E-02	6.88E-02	1.29E-02
NP_001353064.1	CMPK1	UMP-CMP kinase isoform c	1.00	1.01	1.01	1.00	9.98E-01	9.97E-01	6.90E-01	5.87E-01
NP_001180500.1	CSRP1	cysteine and glycine-rich protein 1 isoform 1	1.03	0.97	0.99	1.10	6.42E-01	5.42E-01	3.47E-01	2.20E-01
NP_003749.2	EIF3J	eukaryotic translation initiation factor 3 subunit J isoform 1	0.94	1.01	0.94	1.04	1.22E-01	5.42E-02	1.32E-01	4.88E-02
XP_024304529.1	AIP	AH receptor-interacting protein isoform X1	1.01	0.97	0.98	1.00	7.87E-01	7.12E-01	4.89E-01	3.62E-01
XP_024308688.1	SEPTIN2	septin-2 isoform X1	1.05	0.99	1.04	1.05	2.15E-01	1.21E-01	2.52E-01	1.36E-01
NP_005617.2	SRSF4	serine/arginine-rich splicing factor 4	0.85	1.07	0.91	0.94	8.07E-02	2.88E-02	9.96E-02	2.91E-02
NP_003840.2	SUCLG1	succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial precursor	1.04	0.97	1.01	1.02	1.46E-02	1.27E-03	1.25E-01	4.39E-02
NP_001353498.1	SRRM1	serine/arginine repetitive matrix protein 1 isoform 7	0.93	1.03	0.96	1.02	1.95E-01	1.06E-01	1.68E-01	7.31E-02
NP_031372.2	OGFR	opioid growth factor receptor	1.08	0.95	1.03	1.00	2.88E-02	4.61E-03	6.85E-02	1.25E-02
NP_004921.1	CAPZB	F-actin-capping protein subunit beta isoform 1	1.08	1.00	1.08	1.05	1.67E-01	8.49E-02	2.61E-01	1.43E-01
NP_001619.1	AKR1B1	aldo-keto reductase family 1 member B1 isoform 1	1.08	0.93	1.00	1.00	5.81E-02	1.72E-02	5.34E-02	6.17E-03
NP_006861.1	DSTN	destrin isoform a	1.05	0.89	0.93	1.05	2.84E-01	1.78E-01	8.21E-02	1.92E-02
NP_060705.2	CNDP2	cytosolic non-specific dipeptidase isoform 1	1.07	1.04	1.12	1.02	5.39E-03	1.71E-04	3.53E-02	1.57E-03
XP_016873712.2	CAPN5	calpain-5 isoform X2	1.03	0.87	0.90	0.92	4.93E-02	1.27E-02	3.31E-02	5.89E-04
XP_005261192.1	PFKL	ATP-dependent 6-phosphofructokinase, liver type isoform X3	1.06	1.02	1.08	1.08	1.93E-01	1.04E-01	2.85E-01	1.64E-01
NP_001015880.1	PAPSS2	bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 2 isoform b	1.06	1.00	1.06	1.06	1.19E-01	5.22E-02	2.14E-01	1.06E-01
NP_004270.2	PMPCB	mitochondrial-processing peptidase subunit beta precursor	1.04	0.94	0.99	1.03	1.90E-01	1.02E-01	1.12E-01	3.54E-02
NP_005852.2	STUB1	E3 ubiquitin-protein ligase CHIP isoform a	0.93	1.00	0.93	1.06	2.35E-02	3.16E-03	5.64E-02	7.45E-03
NP_066926.1	TMSB10	thymosin beta-10	0.54	1.15	0.62	0.84	4.98E-04	2.91E-06	1.81E-02	7.22E-05
NP_054745.1	DCPS	m7GpppX diphosphatase isoform 2	1.10	0.96	1.06	1.05	3.56E-02	6.86E-03	4.48E-02	3.50E-03
NP_066932.1	TMSB4X	thymosin beta-4	0.66	1.14	0.75	0.87	1.06E-02	6.15E-04	3.31E-02	3.61E-04
NP_001353299.1	MCM3	DNA replication licensing factor MCM3 isoform 4	0.90	0.99	0.89	0.98	2.36E-01	1.37E-01	2.89E-01	1.68E-01
NP_004246.2	COX5A	cytochrome c oxidase subunit 5A, mitochondrial precursor	0.88	1.03	0.91	1.04	7.55E-02	2.60E-02	1.55E-01	6.41E-02
NP_001034891.1	CDC42	cell division control protein 42 homolog isoform 1 precursor	1.09	1.02	1.11	1.04	1.17E-01	5.06E-02	1.96E-01	9.40E-02
NP_000982.2	RPL28	60S ribosomal protein L28 isoform 2	1.12	0.97	1.08	0.98	5.74E-02	1.69E-02	6.35E-02	1.03E-02
NP_569734.2	PAGE5	P antigen family member 5 isoform 1	0.63	1.20	0.76	0.76	3.42E-03	7.74E-05	1.80E-02	4.04E-05
NP_001238968.1	RAB5C	ras-related protein Rab-5C isoform b	1.11	0.91	1.01	1.02	3.51E-01	2.34E-01	2.68E-01	1.49E-01
NP_001137357.1	PPP1R12A	protein phosphatase 1 regulatory subunit 12A isoform a	0.96	1.06	1.01	1.00	3.89E-02	8.15E-03	8.36E-02	2.00E-02
NP_001308400.1	THRAP3	thyroid hormone receptor-associated protein 3 isoform 1	0.96	0.96	0.92	1.07	2.60E-01	1.57E-01	8.67E-01	8.13E-01

NP_001027467.2	STK24	serine/threonine-protein kinase 24 isoform b precursor	1.00	0.97	0.97	1.00	6.00E-01	4.94E-01	1.92E-01	9.08E-02
NP_005611.1	S100A11	protein S100-A11	0.84	1.00	0.84	0.83	2.02E-04	3.76E-07	5.64E-02	7.42E-03
NP_006136.1	DNAJB1	dnaJ homolog subfamily B member 1 isoform 1	0.95	1.05	1.00	0.95	4.35E-01	3.14E-01	3.36E-01	2.10E-01
NP_037473.3	OLA1	obg-like ATPase 1 isoform 1	1.03	1.04	1.08	1.02	4.91E-01	3.72E-01	7.80E-01	6.99E-01
NP_001355024.1	TGOLN2	trans-Golgi network integral membrane protein 2 isoform 5 precursor	0.60	1.03	0.62	0.84	2.44E-02	3.35E-03	4.43E-02	3.26E-03
NP_002583.1	PCNA	proliferating cell nuclear antigen	0.83	0.99	0.82	0.98	2.87E-03	5.95E-05	6.88E-02	1.27E-02
NP_001306009.1	HMG1	high mobility group protein HMG-1/HMG-Y isoform c	1.17	0.78	0.90	1.08	4.38E-01	3.18E-01	1.81E-01	8.31E-02
NP_001135452.1	TP53BP1	TP53-binding protein 1 isoform 1	0.89	0.97	0.86	0.98	2.44E-02	3.34E-03	6.77E-02	1.22E-02
NP_037522.1	CEMIP2	cell surface hyaluronidase isoform a	1.00	0.97	0.97	1.06	8.27E-01	7.60E-01	2.89E-01	1.67E-01
NP_001308032.1	SLC4A7	sodium bicarbonate cotransporter 3 isoform d	1.11	1.08	1.20	1.16	1.15E-01	4.90E-02	5.28E-01	4.05E-01
NP_003818.2	NAPA	alpha-soluble NSF attachment protein	0.95	1.03	0.98	1.00	2.82E-01	1.76E-01	3.59E-01	2.31E-01
NP_115766.3	NIFK	MKI67 FHA domain-interacting nucleolar phosphoprotein	0.98	0.98	0.95	1.03	2.36E-01	1.38E-01	9.78E-01	9.67E-01
NP_110416.1	HM13	minor histocompatibility antigen H13 isoform 1	0.88	1.15	1.01	0.85	6.61E-02	2.11E-02	7.68E-02	1.63E-02
NP_036333.2	GLG1	Golgi apparatus protein 1 isoform 1 precursor	0.89	0.98	0.87	1.04	2.30E-02	3.03E-03	1.41E-01	5.48E-02
NP_001075.1	PLOD3	multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3 precursor	1.10	1.00	1.10	1.06	6.35E-02	1.98E-02	9.79E-02	2.82E-02
NP_001357078.1	CT45A3	cancer/testis antigen family 45 member A3	0.92	0.99	0.91	0.98	8.63E-02	3.19E-02	1.13E-01	3.61E-02
NP_001000.2	RPS5	40S ribosomal protein S5	1.01	1.09	1.10	0.95	7.12E-01	6.24E-01	8.25E-02	1.95E-02
XP_016865009.1	RPL26L1	60S ribosomal protein L26-like 1 isoform X1	0.83	1.09	0.90	0.92	1.93E-01	1.04E-01	1.87E-01	8.68E-02
NP_036335.1	GRHPR	glyoxylate reductase/hydroxypyruvate reductase	1.04	1.03	1.06	1.09	8.27E-02	2.99E-02	3.35E-01	2.09E-01
NP_001135757.1	RPS24	40S ribosomal protein S24 isoform d	1.02	0.98	1.00	0.97	3.68E-02	7.30E-03	1.41E-01	5.48E-02
NP_057226.1	HSD17B12	very-long-chain 3-oxoacyl-CoA reductase	1.18	0.97	1.15	1.04	1.56E-02	1.47E-03	3.53E-02	1.74E-03
NP_001243439.1	SSBP1	single-stranded DNA-binding protein, mitochondrial precursor	1.03	0.97	1.01	0.98	3.47E-01	2.30E-01	1.88E-01	8.81E-02
NP_291029.2	LARP1	la-related protein 1 isoform 2	0.99	1.07	1.06	1.03	1.28E-01	5.81E-02	5.66E-02	7.49E-03
NP_150241.2	PML	protein PML isoform 1	1.04	0.97	1.01	1.05	1.07E-02	6.47E-04	1.42E-01	5.52E-02
NP_001287848.1	HMG1	high mobility group protein HMGI-C isoform d	0.80	0.99	0.79	0.88	1.51E-02	1.40E-03	3.53E-02	1.66E-03
NP_001026976.1	ALDH3A2	aldehyde dehydrogenase family 3 member A2 isoform 1	1.14	1.01	1.15	1.07	1.03E-02	5.56E-04	6.20E-02	9.79E-03
NP_001354324.1	WASH2C	WASH complex subunit 2C isoform 7	0.92	1.00	0.92	1.06	3.69E-01	2.52E-01	4.19E-01	2.92E-01
XP_006724878.1	HCFC1	host cell factor 1 isoform X1	1.04	0.99	1.03	1.01	4.07E-01	2.87E-01	4.89E-01	3.62E-01
NP_001317692.1	IDH3B	isocitrate dehydrogenase [NAD] subunit beta, mitochondrial isoform e precursor	1.11	0.97	1.07	1.05	1.21E-01	5.36E-02	1.13E-01	3.64E-02
NP_057366.2	AK3	GTP:AMP phosphotransferase AK3, mitochondrial isoform a	1.11	1.04	1.15	1.12	9.76E-03	5.07E-04	4.37E-02	2.95E-03
XP_016870505.1	SET	protein SET isoform X2	0.71	1.03	0.73	0.78	2.92E-02	4.69E-03	4.78E-02	4.19E-03
XP_024309320.1	CTPS1	CTP synthase 1 isoform X1	1.19	0.89	1.06	1.05	4.41E-02	1.03E-02	7.04E-02	1.35E-02
NP_000972.1	RPL19	60S ribosomal protein L19 isoform 1	0.98	1.01	0.98	0.94	1.15E-02	7.20E-04	2.12E-01	1.04E-01
NP_003841.1	SUCLA2	succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial precursor	1.09	0.94	1.02	1.01	2.61E-02	3.86E-03	4.43E-02	3.14E-03
NP_852133.1	EIF6	eukaryotic translation initiation factor 6 isoform a	1.07	0.95	1.02	1.09	2.59E-02	3.73E-03	4.32E-02	2.75E-03
NP_002779.1	PSMA3	proteasome subunit alpha type-3 isoform 1	1.08	0.99	1.07	1.04	1.68E-02	1.73E-03	4.79E-02	4.27E-03
NP_057396.1	WBP11	WW domain-binding protein 11	0.91	0.99	0.90	1.04	1.52E-01	7.42E-02	2.31E-01	1.19E-01
NP_000984.1	RPL31	60S ribosomal protein L31 isoform 1	0.93	1.03	0.95	0.89	1.65E-01	8.40E-02	1.59E-01	6.72E-02
NP_005558.1	LGALS3BP	galectin-3-binding protein precursor	0.75	1.02	0.76	1.01	5.39E-04	3.73E-06	3.45E-02	1.02E-03
NP_789782.1	CHMP4B	charged multivesicular body protein 4b	0.92	1.06	0.97	1.08	1.26E-02	8.98E-04	4.32E-02	2.79E-03
NP_004049.3	CAPS	calcyphosin isoform a	0.73	0.90	0.65	0.62	2.43E-04	5.81E-07	3.38E-02	8.00E-04
NP_001349757.1	COMT	catechol O-methyltransferase isoform MB-COMT	1.18	0.93	1.09	1.09	5.78E-02	1.71E-02	8.46E-02	2.06E-02
NP_055481.1	CLINT1	clathrin interactor 1 isoform 2	1.01	1.07	1.08	1.15	7.93E-01	7.20E-01	2.28E-01	1.16E-01
NP_005521.1	IDH3A	isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor	1.08	0.96	1.04	1.03	3.41E-02	6.44E-03	6.88E-02	1.28E-02
XP_005269298.1	SART3	squamous cell carcinoma antigen recognized by T-cells 3 isoform X1	1.05	1.01	1.06	1.10	5.09E-02	1.36E-02	3.56E-01	2.28E-01
NP_006784.1	PRDX3	thioredoxin-dependent peroxide reductase, mitochondrial isoform a precursor	1.06	0.89	0.95	1.02	1.17E-02	7.84E-04	2.60E-02	1.45E-04
NP_071496.1	EIF4H	eukaryotic translation initiation factor 4H isoform 1	0.85	1.02	0.87	0.99	4.05E-02	8.81E-03	8.57E-02	2.15E-02

NP_006102.2	ACAA2	3-ketoacyl-CoA thiolase, mitochondrial	1.05	1.06	1.12	1.03	1.68E-02	1.73E-03	3.33E-01	2.07E-01
NP_003123.2	SRM	spermidine synthase	1.11	0.93	1.03	1.07	9.88E-02	3.89E-02	7.20E-02	1.44E-02
NP_009210.1	U2AF2	splicing factor U2AF 65 kDa subunit isoform a	1.02	0.93	0.95	1.02	1.07E-02	6.36E-04	4.11E-02	2.49E-03
NP_000089.1	CPT2	carnitine O-palmitoyltransferase 2, mitochondrial isoform 1 precursor	1.08	0.97	1.04	1.07	4.90E-02	1.26E-02	8.72E-02	2.23E-02
NP_001036143.1	RHOC	rho-related GTP-binding protein RhoC precursor	1.07	0.96	1.03	0.90	7.09E-01	6.20E-01	5.73E-01	4.57E-01
NP_002078.1	GRN	progranulin precursor	0.74	0.94	0.69	1.01	1.25E-01	5.59E-02	1.97E-01	9.43E-02
NP_115721.1	PYMI	partner of Y14 and mago isoform 1	0.87	1.00	0.87	1.17	3.39E-02	6.35E-03	1.89E-01	8.85E-02
NP_004025.1	ANXA7	annexin A7 isoform 2	1.12	0.95	1.06	1.06	1.51E-02	1.39E-03	3.38E-02	7.72E-04
NP_009140.1	RPL35	60S ribosomal protein L35	0.91	1.04	0.95	0.93	8.39E-03	3.87E-04	6.73E-02	1.20E-02
NP_054861.2	NUDT5	ADP-sugar pyrophosphatase isoform 1	1.09	0.93	1.02	1.03	2.41E-01	1.42E-01	1.36E-01	5.14E-02
NP_001317217.1	SMARCC2	SWI/SNF complex subunit SMARCC2 isoform d	0.96	1.05	1.00	0.97	5.85E-01	4.75E-01	4.14E-01	2.86E-01
NP_002892.1	RCN1	reticulocalbin-1 precursor	0.85	1.10	0.94	0.91	1.71E-03	2.06E-05	3.53E-02	1.50E-03
NP_005029.1	PPID	peptidyl-prolyl cis-trans isomerase D	0.91	1.02	0.92	0.94	1.77E-01	9.22E-02	2.37E-01	1.23E-01
NP_055975.1	PMPCA	mitochondrial-processing peptidase subunit alpha isoform 1 precursor	1.09	0.95	1.03	1.07	3.14E-02	5.36E-03	6.52E-02	1.08E-02
NP_001289978.1	MYL12A	myosin regulatory light chain 12A isoform 2	0.91	0.98	0.90	0.99	8.44E-02	3.08E-02	1.36E-01	5.07E-02
NP_001684.2	ATP6V1B2	V-type proton ATPase subunit B, brain isoform	1.13	1.03	1.16	1.08	2.89E-02	4.63E-03	1.94E-01	9.26E-02
XP_016877576.1	TMOD3	tropomodulin-3 isoform X1	1.16	1.12	1.29	1.06	1.01E-01	4.06E-02	4.71E-01	3.44E-01
NP_004730.2	MTA2	metastasis-associated protein MTA2 isoform 1	1.01	0.95	0.96	1.00	2.93E-01	1.85E-01	5.18E-02	5.71E-03
NP_620061.2	PGK2	phosphoglycerate kinase 2	1.01	1.04	1.05	1.10	8.99E-01	8.58E-01	7.69E-01	6.85E-01
NP_067062.1	RBM25	RNA-binding protein 25	1.11	0.99	1.10	1.07	1.86E-02	2.04E-03	4.47E-02	3.42E-03
NP_149073.1	SARNP	SAP domain-containing ribonucleoprotein	0.84	1.04	0.87	1.00	4.65E-02	1.14E-02	6.05E-02	9.23E-03
NP_001352526.1	PRPF40A	pre-mRNA-processing factor 40 homolog A isoform 5	0.96	1.02	0.98	1.00	2.90E-01	1.83E-01	2.33E-01	1.20E-01
NP_001337537.1	SRSF11	serine/arginine-rich splicing factor 11 isoform 3	0.91	0.98	0.89	0.98	4.23E-02	9.51E-03	8.50E-02	2.10E-02
NP_066952.1	PPA1	inorganic pyrophosphatase	1.06	1.01	1.06	1.06	2.21E-01	1.25E-01	4.65E-01	3.37E-01
NP_066357.3	RPL36A	60S ribosomal protein L36a	0.90	1.03	0.93	0.92	3.21E-02	5.65E-03	5.70E-02	7.70E-03
XP_024304145.1	DDX6	probable ATP-dependent RNA helicase DDX6 isoform X1	1.03	0.96	0.99	1.03	2.84E-01	1.77E-01	1.29E-01	4.64E-02
NP_006793.1	SF3A3	splicing factor 3A subunit 3 isoform 1	0.98	1.01	0.99	0.97	3.38E-01	2.22E-01	5.58E-01	4.35E-01
XP_016868887.2	EIF3E	eukaryotic translation initiation factor 3 subunit E isoform X1	0.98	0.96	0.94	1.00	4.35E-01	3.15E-01	6.32E-01	5.20E-01
NP_006074.2	IK	protein Red	0.89	1.05	0.93	1.03	1.40E-01	6.62E-02	1.86E-01	8.67E-02
NP_004956.5	HMGN1	non-histone chromosomal protein HMG-14	0.81	1.03	0.84	0.95	4.02E-02	8.66E-03	5.35E-02	6.47E-03
NP_056274.3	ATL3	atlastin-3 isoform 1	1.06	0.99	1.04	1.04	5.66E-02	1.64E-02	1.92E-01	9.11E-02
NP_000364.1	UMPS	uridine 5'-monophosphate synthase	1.06	0.97	1.03	1.01	1.29E-02	9.60E-04	3.31E-02	5.40E-04
NP_055095.2	DNAJC8	dnaJ homolog subfamily C member 8	0.82	1.04	0.85	0.96	5.59E-03	1.84E-04	5.83E-02	8.36E-03
NP_006100.2	PRMT5	protein arginine N-methyltransferase 5 isoform a	1.08	0.98	1.06	1.05	1.62E-02	1.58E-03	3.45E-02	1.04E-03
NP_002856.1	RAB2A	ras-related protein Rab-2A isoform a	1.23	0.87	1.07	1.09	4.18E-02	9.30E-03	8.02E-02	1.83E-02
XP_016882662.1	BSG	basigin isoform X1	1.01	0.99	0.99	1.05	8.20E-01	7.53E-01	6.22E-01	5.09E-01
NP_000192.2	ICAM1	intercellular adhesion molecule 1 precursor	0.93	0.94	0.87	1.04	1.74E-01	9.06E-02	9.79E-01	9.69E-01
NP_001281269.1	ZC3H18	zinc finger CCCH domain-containing protein 18 isoform 1	0.83	1.03	0.86	0.92	4.87E-02	1.24E-02	6.81E-02	1.24E-02
NP_114414.2	EIF2A	eukaryotic translation initiation factor 2A isoform 1	1.10	0.91	0.99	1.09	5.25E-01	4.10E-01	4.35E-01	3.06E-01
NP_056175.3	MTRX	exosome RNA helicase MTR4	0.98	0.96	0.94	1.04	3.66E-01	2.48E-01	6.48E-01	5.42E-01
NP_065978.1	VAT1L	synaptic vesicle membrane protein VAT-1 homolog-like	0.94	0.91	0.86	0.91	1.48E-01	7.16E-02	4.87E-01	3.60E-01
NP_002789.1	PSMB6	proteasome subunit beta type-6 isoform 1 precursor	1.10	0.99	1.09	1.05	1.04E-01	4.23E-02	1.15E-01	3.75E-02
XP_005259353.1	CAPNS1	calpain small subunit 1 isoform X1	1.03	0.97	1.00	0.98	1.46E-01	7.02E-02	1.32E-01	4.81E-02
NP_001166176.1	EIF4G2	eukaryotic translation initiation factor 4 gamma 2 isoform 1	1.05	0.93	0.98	0.99	3.81E-01	2.63E-01	1.70E-01	7.44E-02
XP_016882478.1	MAP2K2	dual specificity mitogen-activated protein kinase kinase 2 isoform X1	1.09	0.98	1.07	1.06	2.55E-01	1.53E-01	2.90E-01	1.69E-01
NP_005649.1	TRAF1	TNF receptor-associated factor 1 isoform a	0.96	0.79	0.75	0.96	1.13E-01	4.82E-02	1.73E-01	7.64E-02
NP_006640.2	UTP14A	U3 small nucleolar RNA-associated protein 14 homolog A isoform 1	0.91	1.00	0.91	0.98	1.39E-01	6.55E-02	1.59E-01	6.70E-02

XP_005245570.1	ANP32E	acidic leucine-rich nuclear phosphoprotein 32 family member E isoform X1	0.88	1.01	0.89	0.91	8.72E-02	3.24E-02	9.97E-02	2.92E-02
NP_001078927.1	CTNND1	catenin delta-1 isoform 1ABC	0.99	0.98	0.97	1.06	8.91E-02	3.36E-02	6.82E-01	5.80E-01
NP_004452.1	FARSA	phenylalanine--tRNA ligase alpha subunit	1.00	0.98	0.98	0.99	9.74E-01	9.61E-01	7.74E-01	6.90E-01
XP_016868589.1	CTSB	cathepsin B isoform X1	0.85	0.94	0.80	0.93	1.26E-02	8.93E-04	4.33E-02	2.90E-03
NP_919415.2	VAPA	vesicle-associated membrane protein-associated protein A isoform 2	1.13	1.03	1.16	1.01	5.72E-02	1.68E-02	1.15E-01	3.75E-02
NP_057086.2	SCCPDH	saccharopine dehydrogenase-like oxidoreductase	1.13	1.02	1.15	1.11	1.36E-02	1.08E-03	5.35E-02	6.62E-03
NP_060308.1	NHP2	H/ACA ribonucleoprotein complex subunit 2 isoform a	0.95	0.94	0.89	1.05	5.64E-01	4.53E-01	9.35E-01	9.07E-01
NP_001354702.1	ESYT2	extended synaptotagmin-2 isoform 1	1.18	0.94	1.11	1.12	1.08E-01	4.51E-02	9.00E-02	2.38E-02
XP_024306762.1	SLC25A11	mitochondrial 2-oxoglutarate/malate carrier protein isoform X1	1.11	0.97	1.08	1.08	5.70E-02	1.67E-02	7.18E-02	1.43E-02
NP_001272972.1	ACADM	medium-chain specific acyl-CoA dehydrogenase, mitochondrial isoform d precursor	1.12	0.99	1.10	1.08	8.10E-02	2.91E-02	1.58E-01	6.64E-02
NP_073713.2	CTBP2	C-terminal-binding protein 2 isoform 2	0.99	1.00	0.99	1.04	3.69E-01	2.52E-01	6.98E-01	5.97E-01
XP_011519406.1	DNAJC3	dnaJ homolog subfamily C member 3 isoform X1	1.15	1.06	1.23	1.08	8.60E-02	3.17E-02	3.23E-01	1.98E-01
NP_219482.1	ZNF622	zinc finger protein 622	1.03	1.08	1.11	1.08	1.22E-01	5.40E-02	1.20E-01	4.06E-02
NP_659731.1	MAP2K3	dual specificity mitogen-activated protein kinase 3 isoform B	1.21	1.01	1.22	1.21	3.89E-02	8.17E-03	7.93E-02	1.77E-02
NP_937859.1	SNRPB	small nuclear ribonucleoprotein-associated proteins B and B' isoform B'	1.09	0.94	1.02	1.03	5.41E-02	1.53E-02	5.07E-02	5.28E-03
NP_001357121.1	IGBP1	immunoglobulin-binding protein 1 isoform 1	0.96	1.02	0.98	1.00	5.95E-02	1.79E-02	2.16E-01	1.08E-01
XP_005258027.1	LIG3	DNA ligase 3 isoform X1	1.17	0.87	1.00	1.04	4.36E-01	3.15E-01	3.14E-01	1.90E-01
XP_005273819.1	CPT1A	carnitine O-palmitoyltransferase 1, liver isoform isoform X1	1.02	1.01	1.03	1.00	1.46E-01	7.05E-02	2.97E-01	1.75E-01
NP_001317366.1	PTPN11	tyrosine-protein phosphatase non-receptor type 11 isoform 3	0.99	1.03	1.02	0.99	4.68E-01	3.50E-01	2.85E-01	1.64E-01
NP_064535.1	SAR1A	GTP-binding protein SAR1a	1.10	0.99	1.08	0.97	1.46E-01	6.99E-02	1.54E-01	6.32E-02
NP_003012.1	SGTA	small glutamine-rich tetratricopeptide repeat-containing protein alpha	0.88	1.04	0.92	0.95	4.91E-02	1.26E-02	5.79E-02	8.09E-03
NP_004721.1	ETF1	eukaryotic peptide chain release factor subunit 1 isoform 1	1.07	1.04	1.12	1.01	2.66E-01	1.62E-01	7.82E-01	7.02E-01
NP_065823.1	NUFIP2	nuclear fragile X mental retardation-interacting protein 2	1.00	1.01	1.00	1.06	9.52E-01	9.32E-01	8.99E-01	8.54E-01
NP_077310.1	TMEM43	transmembrane protein 43	1.15	0.91	1.05	1.13	4.23E-03	1.12E-04	3.31E-02	2.88E-04
NP_001410.2	ELAVL1	ELAV-like protein 1	1.02	0.98	1.00	0.94	3.44E-01	2.28E-01	1.76E-01	7.90E-02
NP_001139699.1	RPS20	40S ribosomal protein S20 isoform 1	0.98	1.05	1.03	0.96	6.91E-01	5.98E-01	3.54E-01	2.26E-01
NP_005552.3	LAMP1	lysosome-associated membrane glycoprotein 1 precursor	0.92	1.04	0.95	1.07	4.38E-02	1.02E-02	5.90E-02	8.57E-03
XP_006711236.1	BROX	BRO1 domain-containing protein BROX isoform X3	1.10	0.96	1.05	1.04	4.14E-02	9.09E-03	5.61E-02	7.18E-03
NP_006214.3	PIN4	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 isoform 1	0.85	1.13	0.96	0.99	4.92E-02	1.26E-02	4.79E-02	4.28E-03
NP_001252525.1	PFDN6	prefoldin subunit 6	1.01	1.01	1.02	1.10	2.46E-01	1.45E-01	9.77E-01	9.65E-01
NP_001153408.1	EBNA1BP2	probable rRNA-processing protein EBP2 isoform 1	0.96	1.01	0.98	1.02	2.01E-01	1.11E-01	1.75E-01	7.86E-02
NP_003115.1	SPR	sepiapterin reductase	1.06	0.98	1.04	1.02	3.21E-01	2.08E-01	2.56E-01	1.39E-01
NP_110437.2	TXNDC5	thioredoxin domain-containing protein 5 isoform 1 precursor	0.98	1.04	1.02	0.98	5.01E-01	3.83E-01	2.31E-01	1.19E-01
NP_003503.1	H2AC6	histone H2A type 1-C	1.14	0.97	1.10	0.84	7.58E-02	2.61E-02	1.21E-01	4.14E-02
NP_036457.1	MAPRE1	microtubule-associated protein RP/EB family member 1	1.03	1.01	1.04	1.04	6.69E-01	5.72E-01	7.64E-01	6.80E-01
NP_005076.3	NUP214	nuclear pore complex protein Nup214 isoform 2	0.93	1.09	1.01	0.95	5.19E-02	1.42E-02	7.88E-02	1.74E-02
NP_909122.1	RBM39	RNA-binding protein 39 isoform a	1.03	0.97	1.00	0.97	1.16E-02	7.34E-04	7.83E-02	1.69E-02
NP_000908.2	P4HA1	prolyl 4-hydroxylase subunit alpha-1 isoform 1 precursor	0.93	1.12	1.04	1.21	1.44E-01	6.90E-02	8.02E-02	1.85E-02
NP_006127.1	CAPZA2	F-actin-capping protein subunit alpha-2	1.02	1.01	1.03	1.09	6.02E-01	4.96E-01	8.19E-01	7.47E-01
NP_001274069.1	TPD52	tumor protein D52 isoform 4	1.02	1.00	1.02	1.05	5.07E-01	3.91E-01	5.24E-01	4.00E-01
NP_004729.1	VAPB	vesicle-associated membrane protein-associated protein B/C isoform 1	1.15	1.07	1.23	1.12	1.45E-02	1.24E-03	9.42E-02	2.65E-02
XP_011528279.1	ADSL	adenylosuccinate lyase isoform X1	1.07	0.99	1.06	0.99	9.99E-02	3.97E-02	1.15E-01	3.79E-02
NP_001032248.1	ACOT9	acyl-coenzyme A thioesterase 9, mitochondrial isoform a precursor	1.13	0.96	1.08	1.06	3.39E-02	6.34E-03	1.47E-01	5.85E-02
XP_011512636.1	SERPINB1	leukocyte elastase inhibitor isoform X1	1.04	0.96	1.00	1.05	6.70E-02	2.15E-02	8.09E-02	1.87E-02
NP_001245321.1	CLPB	caseinolytic peptidase B protein homolog isoform 2	1.03	0.99	1.02	1.02	3.70E-02	7.42E-03	1.14E-01	3.71E-02
NP_002678.3	PNN	pinin	1.00	0.96	0.96	1.00	9.93E-01	9.92E-01	4.88E-01	3.62E-01
NP_001137325.1	PYMI	partner of Y14 and mago isoform 2	0.84	1.03	0.87	1.01	4.44E-03	1.20E-04	4.67E-02	3.98E-03

NP_001015.1	RPS21	40S ribosomal protein S21	0.90	0.99	0.89	0.99	5.97E-02	1.80E-02	9.67E-02	2.76E-02
NP_055983.1	ZC3H4	zinc finger CCCH domain-containing protein 4	0.90	0.96	0.86	1.07	6.67E-02	2.13E-02	4.80E-01	3.53E-01
NP_001159583.1	PNPLA6	neuropathy target esterase isoform a	1.14	0.98	1.11	1.04	2.08E-01	1.16E-01	1.87E-01	8.73E-02
NP_258412.1	ITPA	inosine triphosphate pyrophosphatase isoform a	1.15	0.89	1.02	1.12	9.67E-02	3.76E-02	6.65E-02	1.15E-02
NP_001185798.1	CAPN1	calpain-1 catalytic subunit	1.09	0.97	1.06	1.03	2.44E-02	3.34E-03	4.11E-02	2.51E-03
NP_036590.1	TIMM13	mitochondrial import inner membrane translocase subunit Tim13	0.98	0.94	0.92	1.20	5.49E-02	1.57E-02	9.22E-02	2.54E-02
NP_001307812.1	DYNC1I2	cytoplasmic dynein 1 intermediate chain 2 isoform 5	1.08	1.04	1.13	1.02	4.47E-02	1.06E-02	2.42E-01	1.27E-01
NP_001180298.1	DIDO1	death-inducer obliterator 1 isoform c	0.94	0.96	0.90	1.01	2.03E-01	1.12E-01	5.79E-01	4.63E-01
NP_000966.2	RPL11	60S ribosomal protein L11 isoform 1	1.08	0.96	1.04	1.08	2.38E-01	1.39E-01	1.68E-01	7.24E-02
NP_004926.1	CDK5	cyclin-dependent-like kinase 5 isoform 1	1.08	0.93	1.01	0.97	2.30E-01	1.33E-01	1.25E-01	4.39E-02
NP_005990.1	TSNAX	translin-associated protein X	1.05	0.94	0.98	1.03	1.59E-01	7.97E-02	8.35E-02	1.99E-02
NP_001189414.1	HSPE1-MOB4	HSPE1-MOB4 protein	1.10	0.91	1.00	1.03	1.18E-01	5.15E-02	8.65E-02	2.20E-02
NP_127492.1	GTF2I	general transcription factor II-I isoform 1	0.92	0.94	0.86	1.03	3.54E-02	6.80E-03	5.12E-01	3.89E-01
NP_001248763.1	TBRG4	FAST kinase domain-containing protein 4 isoform 3	1.04	1.02	1.07	1.07	1.90E-01	1.02E-01	6.61E-01	5.55E-01
NP_056451.3	EIF2B4	translation initiation factor eIF-2B subunit delta isoform 3	1.00	1.06	1.06	1.02	9.27E-01	8.94E-01	3.59E-01	2.31E-01
NP_597709.3	RAVER1	ribonucleoprotein PTB-binding 1 isoform 1	1.00	1.03	1.03	1.00	9.55E-01	9.36E-01	4.75E-01	3.48E-01
NP_003081.2	SNRPA1	U2 small nuclear ribonucleoprotein A'	1.05	1.01	1.06	0.93	3.64E-01	2.46E-01	5.09E-01	3.84E-01
NP_003095.2	SORD	sorbitol dehydrogenase	1.12	1.00	1.12	1.08	1.21E-02	8.37E-04	3.80E-02	2.13E-03
NP_001303249.1	PLOD1	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 isoform 1 precursor	0.95	1.07	1.02	1.12	1.49E-01	7.25E-02	1.25E-01	4.38E-02
NP_002801.1	PSMD4	26S proteasome non-ATPase regulatory subunit 4 isoform 2	0.98	1.01	0.99	1.00	4.35E-01	3.15E-01	3.08E-01	1.85E-01
NP_005848.2	ZMPSTE24	CAAX prenyl protease 1 homolog	1.13	0.92	1.04	0.97	1.65E-02	1.64E-03	4.84E-02	4.39E-03
XP_005253288.1	CD44	CD44 antigen isoform X1	0.89	1.06	0.95	0.97	4.83E-02	1.23E-02	5.70E-02	7.68E-03
XP_016868076.1	ZYX	zyxin isoform X1	0.94	1.06	1.00	1.18	4.18E-02	9.28E-03	1.35E-01	5.04E-02
NP_037481.1	NENF	neudesin precursor	0.79	1.12	0.88	0.96	1.66E-02	1.68E-03	3.53E-02	1.27E-03
NP_071896.8	NOC3L	nucleolar complex protein 3 homolog	1.12	0.99	1.11	1.03	1.19E-01	5.21E-02	1.29E-01	4.66E-02
XP_006712034.1	EHBP1	EH domain-binding protein 1 isoform X4	0.90	0.99	0.88	0.98	1.07E-01	4.44E-02	1.57E-01	6.55E-02
NP_001303963.1	DPM1	dolichol-phosphate mannosyltransferase subunit 1 isoform 1	1.09	1.05	1.15	0.96	3.90E-02	8.30E-03	2.87E-01	1.66E-01
NP_066972.1	COTL1	coactosin-like protein	1.01	1.04	1.05	1.02	1.87E-01	1.00E-01	8.24E-02	1.93E-02
NP_001186731.1	RPL11	60S ribosomal protein L11 isoform 2	1.07	0.99	1.06	0.98	3.17E-02	5.45E-03	5.66E-02	7.51E-03
XP_011516450.1	SMC2	structural maintenance of chromosomes protein 2 isoform X1	0.96	0.99	0.95	1.03	7.07E-02	2.32E-02	5.65E-01	4.45E-01
NP_001212.2	CAMK2D	calcium/calmodulin-dependent protein kinase type II subunit delta isoform 3	1.16	0.97	1.13	1.06	5.35E-02	1.49E-02	6.90E-02	1.30E-02
NP_073568.2	NUCKS1	nuclear ubiquitous casein and cyclin-dependent kinase substrate 1	0.78	1.02	0.79	0.91	4.23E-04	1.80E-06	1.80E-02	5.97E-05
NP_060697.4	UBA6	ubiquitin-like modifier-activating enzyme 6	1.07	1.00	1.07	1.06	2.94E-02	4.79E-03	5.18E-02	5.75E-03
XP_024304079.1	ENAH	protein enabled homolog isoform X11	0.99	0.95	0.95	0.94	8.20E-01	7.53E-01	3.64E-01	2.35E-01
XP_016879600.1	DDX42	ATP-dependent RNA helicase DDX42 isoform X1	1.07	0.93	0.99	1.06	7.87E-02	2.74E-02	5.35E-02	6.51E-03
NP_036265.3	COPG2	coatamer subunit gamma-2 isoform 1	1.13	0.92	1.05	1.01	7.53E-02	2.57E-02	6.25E-02	9.94E-03
NP_000149.4	GBE1	1,4-alpha-glucan-branching enzyme	0.95	1.04	0.99	0.95	5.54E-01	4.42E-01	3.66E-01	2.38E-01
NP_002328.1	LRPAP1	alpha-2-macroglobulin receptor-associated protein precursor	0.86	1.04	0.90	0.92	4.15E-02	9.17E-03	5.13E-02	5.53E-03
NP_001295155.1	RPS15	40S ribosomal protein S15 isoform 1	0.98	1.03	1.01	0.97	1.07E-01	4.40E-02	8.65E-02	2.20E-02
NP_003007.2	SRSF2	serine/arginine-rich splicing factor 2	0.83	0.98	0.81	0.94	1.29E-02	9.63E-04	3.53E-02	1.62E-03
NP_071415.1	MCCC2	methylcrotonoyl-CoA carboxylase beta chain, mitochondrial isoform 1 precursor	1.07	0.95	1.02	1.06	2.43E-02	3.33E-03	3.62E-02	1.83E-03
XP_011515392.1	RMDN1	regulator of microtubule dynamics protein 1 isoform X1	1.05	0.92	0.96	1.11	3.62E-01	2.44E-01	1.35E-01	5.01E-02
NP_060679.1	ARFGAP1	ADP-ribosylation factor GTPase-activating protein 1 isoform a	1.03	1.07	1.10	1.05	1.73E-01	8.95E-02	4.13E-01	2.85E-01
NP_036243.1	AHSA1	activator of 90 kDa heat shock protein ATPase homolog 1 isoform 1	1.06	0.98	1.04	1.03	3.11E-02	5.24E-03	4.43E-02	3.22E-03
NP_006444.2	TBL3	transducin beta-like protein 3	1.00	0.98	0.99	1.05	9.75E-01	9.63E-01	7.75E-01	6.93E-01
NP_000990.1	RPL38	60S ribosomal protein L38	1.07	0.96	1.03	1.02	6.94E-05	3.69E-08	2.09E-03	1.11E-06
NP_057122.2	SBDS	ribosome maturation protein SBDS	1.15	0.96	1.10	1.05	4.68E-03	1.32E-04	3.31E-02	5.98E-04

NP_001123917.1	ITPRID2	protein ITPRID2 isoform 1	0.92	0.95	0.87	0.97	7.39E-02	2.48E-02	2.61E-01	1.43E-01
NP_005660.4	REEP5	receptor expression-enhancing protein 5	1.13	1.02	1.15	1.05	3.39E-02	6.37E-03	5.95E-02	8.77E-03
NP_055484.3	NUP93	nuclear pore complex protein Nup93 isoform 1	1.17	0.92	1.07	1.03	2.39E-02	3.25E-03	4.11E-02	2.51E-03
NP_821067.1	PTPA	serine/threonine-protein phosphatase 2A activator isoform b	1.03	1.00	1.03	1.06	8.33E-01	7.68E-01	8.58E-01	8.01E-01
NP_002861.1	RAB13	ras-related protein Rab-13 isoform 1	1.03	0.93	0.96	1.02	2.26E-01	1.29E-01	1.15E-01	3.75E-02
NP_001029288.1	EIF2B4	translation initiation factor eIF-2B subunit delta isoform 2	1.62	0.56	0.90	1.02	2.93E-02	4.73E-03	8.25E-02	1.95E-02
NP_073572.2	ACBD3	Golgi resident protein GCP60	1.00	0.99	0.99	1.12	9.51E-01	9.30E-01	4.28E-01	3.00E-01
NP_001336865.1	TOR1AIP2	torsin-1A-interacting protein 2 isoform b	0.98	1.07	1.05	1.05	1.05E-01	4.28E-02	1.70E-01	7.44E-02
NP_005650.2	UFD1	ubiquitin recognition factor in ER-associated degradation protein 1 isoform A	1.08	0.95	1.03	1.06	3.35E-04	9.80E-07	3.53E-02	1.66E-03
XP_016876581.1	FKBP3	peptidyl-prolyl cis-trans isomerase FKBP3 isoform X1	0.95	1.00	0.95	1.05	2.26E-02	2.90E-03	5.31E-02	6.11E-03
NP_001120683.1	SHTN1	shootin-1 isoform a	0.99	1.00	1.00	1.04	9.26E-01	8.92E-01	9.00E-01	8.57E-01
XP_016863417.1	PDS5A	sister chromatid cohesion protein PDS5 homolog A isoform X1	1.05	0.94	0.98	0.99	3.76E-01	2.58E-01	2.32E-01	1.19E-01
NP_689419.3	SNX6	sorting nexin-6 isoform b	1.04	1.00	1.04	1.04	1.77E-01	9.23E-02	4.11E-01	2.83E-01
NP_001003701.1	ATP5PF	ATP synthase-coupling factor 6, mitochondrial isoform b precursor	0.84	1.00	0.84	0.96	1.16E-02	7.41E-04	3.80E-02	2.16E-03
NP_004716.1	BUB3	mitotic checkpoint protein BUB3 isoform a	1.07	0.94	1.00	1.02	7.76E-02	2.69E-02	5.83E-02	8.34E-03
XP_005256438.1	PYCR1	pyrroline-5-carboxylate reductase 1, mitochondrial isoform X1	1.06	1.00	1.07	1.06	2.34E-01	1.35E-01	4.00E-01	2.70E-01
NP_008974.5	KRR1	KRR1 small subunit processome component homolog	1.01	1.00	1.01	1.02	1.42E-01	6.73E-02	6.49E-01	5.42E-01
NP_006344.1	HMGN4	high mobility group nucleosome-binding domain-containing protein 4	0.84	1.05	0.88	0.95	3.21E-02	5.65E-03	5.40E-02	6.79E-03
NP_004159.2	SDHA	succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial isoform 1	1.06	0.97	1.03	1.06	1.11E-01	4.67E-02	8.48E-02	2.09E-02
NP_055545.1	MLEC	malectin isoform 1 precursor	1.16	0.91	1.05	1.09	1.50E-02	1.34E-03	3.53E-02	1.54E-03
NP_003760.1	SRSF9	serine/arginine-rich splicing factor 9	0.82	1.03	0.84	0.93	1.16E-02	7.64E-04	4.43E-02	3.19E-03
NP_002194.2	ITGA2	integrin alpha-2 precursor	0.94	1.01	0.95	0.94	2.99E-01	1.90E-01	4.61E-01	3.33E-01
NP_001138350.1	IMPA1	inositol monophosphatase 1 isoform 2	1.13	1.00	1.12	1.03	1.33E-01	6.13E-02	1.52E-01	6.16E-02
XP_024306631.1	RPA1	replication protein A 70 kDa DNA-binding subunit isoform X1	1.07	0.97	1.04	1.03	3.87E-02	8.04E-03	6.02E-02	9.14E-03
NP_002097.1	H2AZ1	histone H2A.Z	0.88	1.14	1.01	1.05	1.03E-02	5.69E-04	6.60E-02	1.11E-02
XP_005248207.1	BOD1L1	biorientation of chromosomes in cell division protein 1-like 1 isoform X3	0.78	1.02	0.80	0.91	4.24E-02	9.63E-03	7.88E-02	1.75E-02
NP_001349769.1	ACO1	cytoplasmic aconitate hydratase	1.02	1.00	1.02	1.09	8.59E-01	8.02E-01	9.14E-01	8.75E-01
NP_001014972.1	ZNF638	zinc finger protein 638 isoform 1	0.89	1.02	0.90	1.01	1.33E-01	6.15E-02	1.34E-01	4.96E-02
NP_631961.1	TAF15	TATA-binding protein-associated factor 2N isoform 1	0.68	1.14	0.77	0.85	4.12E-03	1.05E-04	3.31E-02	4.98E-04
NP_055385.3	ARFGAP3	ADP-ribosylation factor GTPase-activating protein 3 isoform 1	1.02	0.95	0.97	1.04	2.48E-01	1.47E-01	1.38E-01	5.26E-02
NP_003482.1	NAA10	N-alpha-acetyltransferase 10 isoform 1	1.03	0.95	0.98	1.08	1.84E-02	2.01E-03	2.86E-01	1.65E-01
NP_001598.1	ACAA1	3-ketoacyl-CoA thiolase, peroxisomal isoform a	1.04	1.00	1.04	1.05	9.83E-02	3.85E-02	1.27E-01	4.50E-02
NP_003592.3	SMARCA5	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	1.01	0.94	0.95	0.97	5.54E-01	4.41E-01	2.31E-01	1.19E-01
NP_057475.2	NOP16	nucleolar protein 16 isoform 3	0.87	1.03	0.90	0.97	6.04E-02	1.83E-02	8.47E-02	2.08E-02
NP_002563.1	PAFAH1B2	platelet-activating factor acetylhydrolase IB subunit beta isoform a	1.07	1.15	1.23	1.04	4.36E-01	3.15E-01	4.47E-01	3.18E-01
NP_001356319.1	PRKAR1A	cAMP-dependent protein kinase type I-alpha regulatory subunit isoform a	0.74	1.01	0.75	1.06	1.71E-03	2.06E-05	2.72E-02	1.62E-04
NP_001358960.1	DLAT	dihydropolyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial isoform 1 precursor	1.14	0.97	1.11	1.07	3.59E-02	6.94E-03	5.23E-02	5.97E-03
NP_036561.1	SEC14L2	SEC14-like protein 2 isoform 1	1.03	1.00	1.03	1.02	3.16E-01	2.04E-01	3.30E-01	2.05E-01
NP_001026854.1	SRSF7	serine/arginine-rich splicing factor 7 isoform 1	0.84	0.98	0.83	0.89	4.87E-02	1.24E-02	7.77E-02	1.66E-02
XP_011522203.1	PAFAH1B1	platelet-activating factor acetylhydrolase IB subunit alpha isoform X1	1.16	0.89	1.03	1.08	4.46E-02	1.05E-02	7.88E-02	1.75E-02
NP_005266.2	GNL1	guanine nucleotide-binding protein-like 1	1.08	0.98	1.06	1.05	5.66E-02	1.64E-02	8.25E-02	1.94E-02
XP_011531797.1	DHX30	ATP-dependent RNA helicase DHX30 isoform X4	1.05	0.96	1.01	1.06	1.67E-01	8.49E-02	1.75E-01	7.86E-02
NP_002815.3	PTMS	parathyrosin isoform 2	0.74	1.02	0.76	0.88	2.60E-02	3.77E-03	4.43E-02	3.26E-03
NP_001288160.1	HMGB3	high mobility group protein B3 isoform b	0.87	1.01	0.87	0.93	8.91E-02	3.35E-02	1.04E-01	3.15E-02
NP_000150.1	GCDH	glutaryl-CoA dehydrogenase, mitochondrial isoform a precursor	1.09	1.02	1.11	1.12	1.03E-01	4.18E-02	1.74E-01	7.70E-02
NP_001243463.1	SLC25A1	tricarboxylate transport protein, mitochondrial isoform b	1.09	1.01	1.10	1.08	6.22E-02	1.90E-02	1.25E-01	4.37E-02

NP_067653.4	C12orf10	UPF0160 protein MYG1, mitochondrial precursor	1.06	0.99	1.06	1.01	2.66E-02	3.96E-03	4.43E-02	3.11E-03
NP_057152.2	FIS1	mitochondrial fission 1 protein	0.98	0.96	0.95	1.03	5.93E-01	4.86E-01	4.82E-01	3.56E-01
XP_011536075.1	PTGES3	prostaglandin E synthase 3 isoform X3	0.98	0.94	0.93	1.07	3.14E-01	2.03E-01	3.36E-01	2.10E-01
NP_009194.2	COPE	coatamer subunit epsilon isoform a	0.96	0.95	0.92	1.02	4.45E-01	3.25E-01	8.86E-01	8.37E-01
NP_001129507.1	TRMT1	tRNA (guanine(26)-N(2))-dimethyltransferase isoform 1	1.08	0.95	1.02	1.06	4.88E-01	3.70E-01	4.00E-01	2.71E-01
NP_001001563.2	TIMM50	mitochondrial import inner membrane translocase subunit TIM50 isoform 1	1.01	0.97	0.98	1.05	3.77E-02	7.65E-03	1.36E-01	5.10E-02
XP_024308560.1	ERLEC1	endoplasmic reticulum lectin 1 isoform X1	1.10	0.93	1.03	1.09	2.76E-02	4.23E-03	8.83E-02	2.29E-02
XP_016871676.1	IDE	insulin-degrading enzyme isoform X1	1.18	0.93	1.10	1.09	4.02E-02	8.70E-03	9.44E-02	2.68E-02
NP_036377.1	SNW1	SNW domain-containing protein 1 isoform 2	0.97	1.04	1.01	1.05	3.28E-01	2.14E-01	1.59E-01	6.68E-02
NP_006699.2	GLO1	lactoylglutathione lyase	0.94	0.99	0.93	1.00	1.72E-01	8.86E-02	2.65E-01	1.47E-01
NP_002736.3	MAPK1	mitogen-activated protein kinase 1	1.01	0.97	0.98	1.01	7.48E-02	2.55E-02	8.74E-02	2.25E-02
XP_011531289.1	EIF2AK2	interferon-induced, double-stranded RNA-activated protein kinase isoform X1	1.11	0.97	1.08	1.02	1.14E-01	4.87E-02	1.15E-01	3.77E-02
NP_001186558.1	MYL6B	myosin light chain 6B	0.95	0.97	0.92	0.98	4.07E-01	2.87E-01	7.78E-01	6.97E-01
NP_004688.2	PRPF4	U4/U6 small nuclear ribonucleoprotein Prp4 isoform 1	0.79	1.63	1.27	0.78	1.78E-01	9.27E-02	1.27E-01	4.53E-02
NP_001530.1	DNAJA1	dnaJ homolog subfamily A member 1 isoform 1	1.00	0.95	0.94	1.02	9.77E-01	9.66E-01	6.11E-01	4.97E-01
NP_000973.2	RPL21	60S ribosomal protein L21	0.99	1.03	1.02	0.97	8.72E-01	8.19E-01	5.65E-01	4.45E-01
NP_001276978.1	USO1	general vesicular transport factor p115 isoform 1	1.07	1.04	1.11	1.06	5.09E-02	1.35E-02	7.05E-01	6.04E-01
NP_620305.2	SON	protein SON isoform F	0.94	1.02	0.95	0.98	1.66E-02	1.65E-03	3.80E-02	2.15E-03
NP_003744.1	EIF3D	eukaryotic translation initiation factor 3 subunit D	1.00	0.96	0.96	1.00	9.79E-01	9.69E-01	1.04E-01	3.13E-02
NP_005601.1	RBBP4	histone-binding protein RBBP4 isoform a	0.92	0.94	0.86	0.99	2.12E-02	2.64E-03	1.70E-01	7.46E-02
XP_016875546.1	PPF1BP1	liprin-beta-1 isoform X1	1.02	0.90	0.92	1.03	6.87E-01	5.93E-01	1.91E-01	9.00E-02
NP_658985.2	NAXE	NAD(P)H-hydrate epimerase precursor	1.07	1.00	1.06	1.00	4.78E-01	3.61E-01	5.65E-01	4.45E-01
NP_001230175.1	P3H1	prolyl 3-hydroxylase 1 isoform 3 precursor	1.03	1.02	1.05	1.07	1.51E-01	7.38E-02	5.68E-01	4.52E-01
XP_011515883.1	ELOC	elongin-C isoform X1	0.95	0.97	0.91	0.97	7.18E-02	2.37E-02	2.38E-01	1.25E-01
XP_005273935.1	EML3	echinoderm microtubule-associated protein-like 3 isoform X6	0.99	0.94	0.93	1.02	7.89E-01	7.15E-01	4.11E-01	2.82E-01
NP_004090.4	STOM	erythrocyte band 7 integral membrane protein isoform a	0.92	1.05	0.97	1.08	1.60E-01	7.99E-02	1.21E-01	4.17E-02
XP_016868899.1	PRPF4B	serine/threonine-protein kinase PRP4 homolog isoform X1	1.08	1.06	1.15	1.06	4.44E-02	1.04E-02	2.15E-01	1.07E-01
NP_001350.1	DECR1	2,4-dienoyl-CoA reductase, mitochondrial isoform 1 precursor	0.92	1.07	0.99	1.00	1.03E-01	4.18E-02	1.20E-01	4.06E-02
NP_004542.1	NDUFS3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial precursor	1.09	0.97	1.06	1.04	4.38E-02	1.02E-02	8.14E-02	1.90E-02
NP_612434.1	C12orf57	protein C10 isoform 1	0.74	1.00	0.74	0.91	6.12E-03	2.15E-04	3.53E-02	1.70E-03
NP_001231855.1	PRPF4	U4/U6 small nuclear ribonucleoprotein Prp4 isoform 2	1.03	0.98	1.00	1.08	2.80E-03	5.42E-05	1.88E-01	8.76E-02
XP_016880446.1	SHMT1	serine hydroxymethyltransferase, cytosolic isoform X1	0.94	1.04	0.99	1.08	3.73E-02	7.55E-03	1.10E-01	3.46E-02
NP_006397.1	PRDX4	peroxiredoxin-4 precursor	1.04	1.03	1.07	1.05	1.18E-02	8.05E-04	1.69E-01	7.38E-02
NP_612398.2	FAM114A1	protein NOXP20 isoform 1	0.97	1.08	1.04	1.06	3.54E-02	6.80E-03	9.03E-02	2.42E-02
NP_001333694.1	MYO18A	unconventional myosin-XVIIIa isoform c	1.09	0.98	1.07	1.11	1.14E-02	7.09E-04	1.58E-01	6.59E-02
NP_002347.5	MARCKS	myristoylated alanine-rich C-kinase substrate	0.81	1.09	0.89	1.07	4.32E-02	9.92E-03	5.01E-02	5.10E-03
NP_000628.2	GSR	glutathione reductase, mitochondrial isoform 1 precursor	1.01	1.01	1.02	1.08	3.76E-01	2.58E-01	8.65E-01	8.11E-01
NP_001306000.1	SACMIL	phosphatidylinositide phosphatase SAC1 isoform 1x	1.09	0.94	1.02	1.04	1.84E-01	9.74E-02	1.14E-01	3.71E-02
NP_001037.1	SLC12A2	solute carrier family 12 member 2 isoform 1	1.00	0.97	0.95	1.17	9.51E-01	9.30E-01	9.16E-01	8.78E-01
NP_008872.1	SOX10	transcription factor SOX-10	0.89	0.97	0.86	0.99	4.24E-02	9.56E-03	1.76E-01	7.91E-02
XP_005257584.1	CCDC47	coiled-coil domain-containing protein 47 isoform X1	1.01	1.03	1.04	0.99	7.38E-01	6.54E-01	4.41E-01	3.12E-01
XP_016856355.1	TARDBP	TAR DNA-binding protein 43 isoform X1	1.16	0.92	1.06	1.08	5.18E-02	1.42E-02	5.67E-02	7.54E-03
NP_002613.2	PFND1	prefoldin subunit 1	0.89	1.02	0.91	1.01	1.97E-02	2.31E-03	3.53E-02	1.64E-03
NP_065872.1	VPS13C	vacuolar protein sorting-associated protein 13C isoform 2A	1.14	0.88	0.99	1.10	3.92E-01	2.72E-01	4.16E-01	2.88E-01
NP_001340173.1	FAM49B	protein FAM49B isoform 1	1.08	1.03	1.11	1.05	5.79E-02	1.71E-02	2.90E-01	1.69E-01
NP_001743.1	CAT	catalase	1.07	1.06	1.13	1.11	5.64E-02	1.62E-02	9.65E-01	9.50E-01
XP_005267041.2	LAMA4	laminin subunit alpha-4 isoform X1	0.80	0.88	0.70	0.86	2.86E-02	4.50E-03	1.15E-01	3.76E-02

NP_689413.1	SNX5	sorting nexin-5 isoform a	0.96	1.01	0.97	1.02	1.18E-01	5.09E-02	1.91E-01	9.05E-02
NP_004851.2	FXR2	fragile X mental retardation syndrome-related protein 2	1.05	0.97	1.01	0.99	8.87E-02	3.32E-02	1.76E-01	7.91E-02
NP_060598.3	TSR1	pre-rRNA-processing protein TSR1 homolog	1.05	0.95	1.00	1.03	1.06E-01	4.35E-02	6.88E-02	1.28E-02
NP_001273677.1	MRPS27	28S ribosomal protein S27, mitochondrial isoform 1	1.03	0.99	1.02	1.02	5.14E-02	1.39E-02	7.21E-02	1.47E-02
NP_149100.2	PNPT1	polyribonucleotide nucleotidyltransferase 1, mitochondrial precursor	1.01	0.99	1.01	1.02	3.30E-01	2.16E-01	4.18E-01	2.91E-01
NP_065080.1	LZTFL1	leucine zipper transcription factor-like protein 1 isoform 1	0.98	0.99	0.97	1.09	7.40E-02	2.49E-02	3.01E-01	1.78E-01
NP_008977.1	EMILIN1	EMILIN-1	1.04	1.00	1.05	1.09	3.66E-01	2.48E-01	4.02E-01	2.72E-01
NP_001124313.1	RTCA	RNA 3'-terminal phosphate cyclase isoform a	1.05	1.05	1.10	1.01	8.02E-02	2.84E-02	9.70E-01	9.55E-01
NP_004517.2	MCM2	DNA replication licensing factor MCM2	0.89	0.96	0.85	0.97	4.80E-02	1.21E-02	2.04E-01	9.96E-02
NP_054768.2	ACAD9	complex I assembly factor ACAD9, mitochondrial	1.12	0.91	1.01	1.10	2.29E-01	1.32E-01	1.68E-01	7.31E-02
NP_001165131.1	CYB5R3	NADH-cytochrome b5 reductase 3 isoform 3	1.09	0.97	1.06	1.05	4.79E-02	1.20E-02	7.16E-02	1.40E-02
NP_037518.3	SLC25A24	calcium-binding mitochondrial carrier protein SCaMC-1 isoform 1	1.14	1.12	1.27	1.09	9.04E-03	4.42E-04	7.93E-01	7.16E-01
NP_055629.1	PSMD6	26S proteasome non-ATPase regulatory subunit 6 isoform 2	1.01	1.05	1.06	1.01	8.44E-01	7.82E-01	5.97E-01	4.82E-01
NP_006266.2	SRSF6	serine/arginine-rich splicing factor 6	0.85	1.03	0.88	0.92	4.86E-02	1.24E-02	6.70E-02	1.18E-02
XP_016863193.1	ADD1	alpha-adducin isoform X2	1.03	1.13	1.16	1.15	4.65E-01	3.47E-01	1.63E-01	6.99E-02
NP_003124.1	SRP9	signal recognition particle 9 kDa protein isoform 2	0.80	1.01	0.81	0.92	3.27E-02	5.85E-03	5.34E-02	6.31E-03
XP_011516801.1	GAPVD1	GTPase-activating protein and VPS9 domain-containing protein 1 isoform X1	1.11	0.94	1.04	1.05	1.00E-01	3.99E-02	7.88E-02	1.74E-02
NP_001229766.1	AP2A2	AP-2 complex subunit alpha-2 isoform 1	1.01	0.97	0.97	1.03	4.62E-01	3.44E-01	4.11E-01	2.82E-01
NP_002787.2	PSMB4	proteasome subunit beta type-4	1.18	0.92	1.09	1.07	1.15E-01	4.90E-02	1.14E-01	3.71E-02
NP_067038.1	RPRD1B	regulation of nuclear pre-mRNA domain-containing protein 1B	0.92	1.04	0.96	1.02	2.86E-02	4.48E-03	4.55E-02	3.75E-03
XP_016874792.1	LRP1	prolow-density lipoprotein receptor-related protein 1 isoform X1	1.03	0.98	1.01	1.03	7.37E-01	6.52E-01	5.97E-01	4.82E-01
NP_055615.8	ELMO1	engulfment and cell motility protein 1 isoform 1	1.09	0.88	0.96	1.04	2.36E-01	1.38E-01	1.84E-01	8.46E-02
NP_055144.3	EDC4	enhancer of mRNA-decapping protein 4	1.00	1.01	1.01	1.02	9.87E-01	9.82E-01	9.84E-01	9.78E-01
NP_000261.2	PNP	purine nucleoside phosphorylase	1.16	0.89	1.03	1.05	1.02E-01	4.09E-02	9.79E-02	2.82E-02
NP_002887.2	RBM4	RNA-binding protein 4 isoform 1	0.95	0.97	0.92	1.05	7.30E-02	2.43E-02	1.88E-01	8.76E-02
NP_002261.3	TNPO1	transportin-1 isoform 1	1.16	1.00	1.15	1.02	5.07E-02	1.33E-02	7.04E-02	1.36E-02
NP_001310991.1	MIA3	transport and Golgi organization protein 1 homolog isoform 3 precursor	0.99	1.03	1.01	1.06	6.92E-01	5.99E-01	3.50E-01	2.23E-01
NP_055118.1	PES1	pescadillo homolog isoform 1	0.96	1.01	0.97	1.05	3.00E-01	1.91E-01	2.43E-01	1.29E-01
NP_003013.1	SH3BGL	SH3 domain-binding glutamic acid-rich-like protein	0.79	1.09	0.86	0.92	7.97E-03	3.52E-04	3.31E-02	3.97E-04
XP_024307098.1	ILVBL	acetolactate synthase-like protein isoform X1	1.11	0.97	1.07	1.05	3.00E-01	1.91E-01	2.59E-01	1.41E-01
NP_057368.3	CNOT1	CCR4-NOT transcription complex subunit 1 isoform a	0.99	0.97	0.96	1.05	7.41E-01	6.58E-01	6.04E-01	4.90E-01
NP_076956.1	GGCT	gamma-glutamylcyclotransferase isoform 1	1.11	0.89	0.99	1.10	4.78E-02	1.19E-02	7.88E-02	1.73E-02
NP_996925.1	ENSA	alpha-endosulfine isoform 1	0.81	1.12	0.90	0.96	5.49E-02	1.56E-02	7.02E-02	1.34E-02
NP_005943.1	MTIX	metallothionein-IX	0.50	0.94	0.47	1.02	2.02E-02	2.41E-03	7.49E-02	1.56E-02
XP_016878207.1	USP8	ubiquitin carboxyl-terminal hydrolase 8 isoform X2	0.99	1.01	1.00	1.03	5.12E-01	3.96E-01	3.00E-01	1.78E-01
NP_001171634.2	HADH	hydroxyacyl-coenzyme A dehydrogenase, mitochondrial isoform 1 precursor	0.99	1.05	1.03	1.03	4.55E-01	3.36E-01	1.09E-01	3.40E-02
NP_057569.2	VTA1	vacuolar protein sorting-associated protein VTA1 homolog isoform a	1.10	0.96	1.06	1.05	6.94E-05	2.40E-08	5.01E-02	5.14E-03
NP_002884.1	RBBP7	histone-binding protein RBBP7 isoform 2	0.95	0.94	0.89	1.01	1.66E-01	8.46E-02	6.58E-01	5.52E-01
NP_037520.1	PREB	prolactin regulatory element-binding protein isoform 1	1.11	1.00	1.12	1.03	2.47E-01	1.46E-01	3.72E-01	2.44E-01
NP_001021.1	RPS27	40S ribosomal protein S27 isoform 1	1.08	0.93	1.00	1.02	3.67E-02	7.27E-03	4.79E-02	4.31E-03
NP_000512.2	HEXB	beta-hexosaminidase subunit beta isoform 1	0.97	0.96	0.93	1.08	6.55E-01	5.57E-01	9.43E-01	9.17E-01
NP_002426.1	MPI	mannose-6-phosphate isomerase isoform 1	1.00	0.99	0.99	1.07	9.57E-01	9.39E-01	8.64E-01	8.10E-01
NP_004955.2	HDAC1	histone deacetylase 1	0.93	0.88	0.83	0.99	1.91E-01	1.02E-01	2.72E-01	1.53E-01
NP_001185769.1	RBM12	RNA-binding protein 12	1.01	0.98	0.99	1.01	6.38E-01	5.37E-01	3.00E-01	1.78E-01
NP_003016.1	SH3GL1	endophilin-A2 isoform 1	0.97	1.01	0.98	0.98	2.87E-01	1.80E-01	4.02E-01	2.73E-01
NP_002957.1	S100A10	protein S100-A10	0.82	1.14	0.94	0.77	1.50E-01	7.29E-02	1.05E-01	3.20E-02
XP_005272318.1	CTBP1	C-terminal-binding protein 1 isoform X1	0.98	0.96	0.94	0.95	1.38E-01	6.42E-02	6.48E-01	5.40E-01

NP_037460.2	PYCR2	pyrroline-5-carboxylate reductase 2 isoform 1	1.14	1.02	1.16	1.11	4.78E-02	1.18E-02	9.44E-02	2.68E-02
NP_001853.2	COX5B	cytochrome c oxidase subunit 5B, mitochondrial precursor	0.87	1.04	0.91	1.10	1.04E-01	4.21E-02	9.38E-02	2.63E-02
NP_001350464.1	HARS2	probable histidine--tRNA ligase, mitochondrial isoform 4 precursor	1.11	1.03	1.14	1.09	3.51E-01	2.34E-01	5.11E-01	3.87E-01
NP_001357903.1	LARP7	la-related protein 7 isoform 3	1.01	1.00	1.00	1.00	9.41E-01	9.15E-01	9.00E-01	8.57E-01
NP_002070.1	GOT1	aspartate aminotransferase, cytoplasmic	1.12	1.12	1.25	1.10	2.67E-02	4.04E-03	9.22E-01	8.87E-01
NP_001026897.1	MR1	methylthioribose-1-phosphate isomerase isoform 1	1.11	1.00	1.10	1.06	1.48E-03	1.53E-05	9.07E-02	2.45E-02
NP_002940.2	MRPL12	39S ribosomal protein L12, mitochondrial	0.92	1.03	0.94	1.04	5.33E-02	1.48E-02	6.60E-02	1.13E-02
NP_006750.3	UGP2	UTP--glucose-1-phosphate uridylyltransferase isoform a	1.12	1.00	1.13	1.07	1.43E-02	1.17E-03	5.72E-02	7.77E-03
NP_001350617.1	NPC2	NPC intracellular cholesterol transporter 2 isoform 1 precursor	0.87	0.99	0.86	1.10	3.32E-02	5.96E-03	1.56E-01	6.51E-02
XP_005264389.2	MSH2	DNA mismatch repair protein Msh2 isoform X1	1.05	0.92	0.97	0.99	4.14E-02	9.07E-03	5.35E-02	6.44E-03
XP_011512974.1	SERPINB6	serpin B6 isoform X1	1.11	0.87	0.96	1.03	1.16E-01	4.97E-02	7.93E-02	1.77E-02
NP_057267.2	MRT04	mRNA turnover protein 4 homolog	1.03	0.96	0.98	1.13	7.36E-01	6.50E-01	4.62E-01	3.34E-01
NP_001304889.1	XRN2	5'-3' exoribonuclease 2 isoform 1	1.05	1.04	1.09	1.01	3.43E-01	2.27E-01	8.94E-01	8.47E-01
NP_000987.2	RPL35A	60S ribosomal protein L35a	1.13	0.89	1.01	1.03	1.93E-01	1.04E-01	1.19E-01	4.01E-02
NP_995314.1	NCKAP1	nck-associated protein 1 isoform 2	1.01	0.97	0.97	0.98	9.11E-01	8.73E-01	4.69E-01	3.42E-01
NP_060695.2	SMU1	WD40 repeat-containing protein SMU1	1.10	0.95	1.04	1.05	1.84E-01	9.72E-02	1.48E-01	5.90E-02
XP_011529087.1	PAGE2B	putative G antigen family E member 3 isoform X1	0.51	1.36	0.70	0.70	1.57E-02	1.49E-03	3.38E-02	7.83E-04
NP_001309774.1	EFL1	elongation factor-like GTPase 1 isoform 1	1.04	1.08	1.13	1.04	5.07E-01	3.91E-01	4.79E-01	3.53E-01
NP_612451.1	CCDC124	coiled-coil domain-containing protein 124	0.85	1.03	0.87	0.98	9.47E-03	4.78E-04	3.38E-02	6.74E-04
NP_001027454.1	TMPO	thymopoietin isoform beta	1.07	0.99	1.05	0.96	3.68E-01	2.50E-01	3.16E-01	1.92E-01
XP_016878181.1	SNAP23	synaptosomal-associated protein 23 isoform X1	0.95	0.98	0.93	0.97	3.75E-01	2.57E-01	5.48E-01	4.26E-01
NP_296374.1	RPL34	60S ribosomal protein L34	1.09	0.92	1.00	1.03	7.24E-02	2.41E-02	5.35E-02	6.58E-03
NP_001518.3	HDAC2	histone deacetylase 2	1.04	0.90	0.94	1.04	2.53E-01	1.51E-01	9.04E-02	2.42E-02
XP_024306246.1	RHOT2	mitochondrial Rho GTPase 2 isoform X1	1.10	0.97	1.07	1.01	1.17E-02	7.70E-04	3.31E-02	4.54E-04
XP_016873208.1	RHOG	rho-related GTP-binding protein RhoG isoform X1	1.11	1.00	1.11	1.03	8.33E-02	3.02E-02	1.07E-01	3.29E-02
XP_016880484.1	UBTF	nucleolar transcription factor 1 isoform X1	0.90	1.02	0.92	0.99	3.79E-02	7.73E-03	1.25E-01	4.35E-02
NP_078772.1	IRF2BPL	probable E3 ubiquitin-protein ligase IRF2BPL	0.95	1.01	0.96	1.14	2.64E-01	1.61E-01	2.47E-01	1.31E-01
NP_003668.2	DENR	density-regulated protein	0.96	1.00	0.96	0.96	5.88E-02	1.75E-02	1.26E-01	4.44E-02
NP_003121.1	SRI	sorcin isoform A	1.00	1.03	1.03	1.00	8.71E-01	8.17E-01	2.96E-01	1.74E-01
NP_055844.2	POP1	ribonucleases P/MRP protein subunit POP1	0.95	0.98	0.93	0.95	6.14E-01	5.09E-01	7.91E-01	7.14E-01
NP_001008217.1	GALE	UDP-glucose 4-epimerase	1.25	0.84	1.04	1.08	2.16E-01	1.21E-01	1.78E-01	8.07E-02
NP_001248332.1	NFKB2	nuclear factor NF-kappa-B p100 subunit isoform b	0.99	1.01	1.00	1.00	6.96E-01	6.05E-01	5.21E-01	3.97E-01
NP_060289.2	TRMT10C	tRNA methyltransferase 10 homolog C precursor	1.11	0.94	1.05	1.06	2.99E-02	4.91E-03	8.83E-02	2.30E-02
NP_000970.1	RPL18	60S ribosomal protein L18 isoform 1	1.13	0.89	1.01	0.95	3.16E-02	5.42E-03	4.55E-02	3.66E-03
NP_001311045.1	UAP1	UDP-N-acetylhexosamine pyrophosphorylase isoform b	1.00	0.91	0.90	1.03	8.82E-01	8.36E-01	1.27E-01	4.48E-02
NP_001760.1	CD9	CD9 antigen isoform 1	1.07	1.02	1.09	1.02	3.21E-01	2.08E-01	4.82E-01	3.56E-01
XP_011512318.2	RAI14	ankycorbin isoform X1	1.03	0.97	1.00	1.02	2.56E-01	1.54E-01	1.94E-01	9.21E-02
NP_004699.1	PDCD5	programmed cell death protein 5	0.73	1.13	0.83	0.88	6.29E-03	2.31E-04	2.60E-02	1.36E-04
NP_079087.3	CPSF7	cleavage and polyadenylation specificity factor subunit 7 isoform 1	0.98	0.97	0.95	1.02	8.00E-02	2.81E-02	9.14E-01	8.76E-01
XP_006713535.1	TFG	protein TFG isoform X1	0.99	1.00	0.99	1.00	6.97E-01	6.07E-01	8.39E-01	7.74E-01
XP_005258572.1	IRGQ	immunity-related GTPase family Q protein isoform X1	0.83	1.09	0.90	0.91	2.27E-02	2.94E-03	4.43E-02	3.25E-03
NP_066403.2	H3C14	histone H3.2	0.99	1.02	1.01	1.18	1.97E-01	1.08E-01	9.77E-01	9.65E-01
NP_004346.1	CD74	HLA class II histocompatibility antigen gamma chain isoform b	0.77	0.87	0.67	1.04	3.21E-02	5.63E-03	9.79E-02	2.82E-02
NP_001679.2	ATP5PB	ATP synthase F(0) complex subunit B1, mitochondrial precursor	1.11	0.95	1.06	1.06	1.18E-02	8.08E-04	3.80E-02	2.14E-03
NP_006087.2	NDRG1	protein NDRG1 isoform 1	1.00	1.13	1.12	1.30	9.43E-01	9.20E-01	3.15E-01	1.91E-01
NP_056143.1	AHCYL2	adenosylhomocysteinase 3 isoform a	1.02	1.03	1.05	1.06	8.07E-01	7.38E-01	9.19E-01	8.83E-01
NP_001229820.1	CSDE1	cold shock domain-containing protein E1 isoform 4	0.90	0.94	0.85	0.99	9.91E-02	3.92E-02	3.58E-01	2.30E-01

NP_055955.1	TLL12	tubulin-tyrosine ligase-like protein 12	1.13	1.01	1.14	1.04	1.05E-01	4.33E-02	1.96E-01	9.37E-02
NP_077003.1	CCDC86	coiled-coil domain-containing protein 86	0.82	1.06	0.87	0.97	1.30E-01	5.89E-02	1.36E-01	5.12E-02
XP_005274379.1	PICALM	phosphatidylinositol-binding clathrin assembly protein isoform X1	1.00	1.02	1.02	1.06	9.44E-01	9.20E-01	7.63E-01	6.78E-01
NP_000992.1	RPL36AP42	60S ribosomal protein L36a-like	0.88	1.03	0.91	0.98	1.22E-02	8.45E-04	5.15E-02	5.56E-03
NP_004887.2	VPS26A	vacuolar protein sorting-associated protein 26A isoform 1	0.97	0.97	0.94	1.02	2.29E-01	1.32E-01	9.11E-01	8.69E-01
NP_853553.1	AUP1	ancient ubiquitous protein 1	1.09	0.94	1.02	1.06	1.75E-01	9.14E-02	1.55E-01	6.36E-02
NP_004472.1	GALNT2	polypeptide N-acetylgalactosaminyltransferase 2 precursor	1.00	0.99	0.99	1.04	9.61E-01	9.44E-01	7.87E-01	7.08E-01
NP_002826.3	PTPN12	tyrosine-protein phosphatase non-receptor type 12 isoform 1	1.19	0.83	0.98	1.03	3.57E-01	2.40E-01	2.80E-01	1.60E-01
NP_004584.1	TRA2B	transformer-2 protein homolog beta isoform 1	0.84	1.04	0.87	0.91	1.15E-03	9.82E-06	3.31E-02	5.51E-04
NP_001058.2	TOP2A	DNA topoisomerase 2-alpha	1.67	0.91	1.52	1.09	7.53E-02	2.58E-02	8.40E-02	2.03E-02
NP_003898.2	EIF2B5	translation initiation factor eIF-2B subunit epsilon	1.10	0.95	1.05	1.09	1.24E-02	8.74E-04	8.00E-02	1.82E-02
NP_057441.1	LIMA1	LIM domain and actin-binding protein 1 isoform 2	0.99	1.05	1.04	1.07	6.77E-01	5.82E-01	2.01E-01	9.70E-02
XP_005254949.1	ANPEP	aminopeptidase N isoform X1	1.17	0.98	1.15	1.14	1.97E-02	2.31E-03	7.17E-02	1.41E-02
XP_024309835.1	NFKB1	nuclear factor NF-kappa-B p105 subunit isoform X1	1.13	0.91	1.02	1.07	3.34E-02	6.04E-03	7.72E-02	1.64E-02
NP_653171.1	JPT2	jupiter microtubule associated homolog 2	0.85	1.01	0.86	0.99	6.61E-02	2.10E-02	1.18E-01	3.98E-02
NP_001310552.1	GNL2	nucleolar GTP-binding protein 2 isoform 2	0.88	1.04	0.92	1.05	1.17E-01	5.05E-02	1.03E-01	3.08E-02
NP_015561.1	RANBP3	ran-binding protein 3 isoform RANBP3-d	0.96	0.93	0.90	1.00	1.55E-01	7.64E-02	2.79E-01	1.59E-01
NP_055204.4	PELP1	proline-, glutamic acid- and leucine-rich protein 1 isoform 1	1.10	1.01	1.11	1.08	3.89E-02	8.17E-03	7.04E-02	1.35E-02
NP_004695.1	RRP9	U3 small nucleolar RNA-interacting protein 2	1.00	1.02	1.03	1.03	9.17E-01	8.80E-01	5.65E-01	4.44E-01
NP_061156.1	CMAS	N-acylneuramate cytidyltransferase	1.13	0.99	1.13	1.06	5.30E-03	1.64E-04	3.31E-02	5.37E-04
NP_003759.1	PEA15	astrocytic phosphoprotein PEA-15 isoform b	0.82	1.06	0.88	0.90	3.79E-02	7.73E-03	5.31E-02	6.13E-03
NP_004441.1	ERH	enhancer of rudimentary homolog	1.00	0.94	0.94	1.11	7.94E-01	7.22E-01	7.01E-02	1.33E-02
XP_024308564.1	LYPLA2	acyl-protein thioesterase 2 isoform X1	1.09	1.02	1.11	1.04	1.64E-01	8.30E-02	3.01E-01	1.78E-01
NP_055720.3	GLS	glutaminase kidney isoform, mitochondrial isoform 1 precursor	0.97	0.99	0.96	1.02	4.19E-01	2.99E-01	6.43E-01	5.33E-01
XP_024308587.1	MSH6	DNA mismatch repair protein Msh6 isoform X1	1.03	0.94	0.97	1.02	5.38E-01	4.24E-01	1.91E-01	8.99E-02
NP_079100.2	ZC3H14	zinc finger CCCH domain-containing protein 14 isoform 1	0.99	0.97	0.96	1.00	2.21E-01	1.25E-01	1.32E-01	4.81E-02
NP_008860.4	SKIV2L	helicase SKI2W	1.03	1.05	1.08	1.08	5.85E-01	4.76E-01	8.77E-01	8.26E-01
NP_002991.2	SDHB	succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial precursor	1.05	0.98	1.03	1.02	1.21E-01	5.34E-02	1.03E-01	3.06E-02
NP_079348.1	PTGES2	prostaglandin E synthase 2 isoform 1	1.05	1.06	1.11	1.09	1.79E-01	9.36E-02	8.54E-01	7.96E-01
XP_011532633.1	OXSRI	serine/threonine-protein kinase OSR1 isoform X1	1.04	1.02	1.06	1.04	9.91E-02	3.91E-02	3.88E-01	2.59E-01
NP_001275685.1	BABAM1	BRISC and BRCA1-A complex member 1 isoform 1	1.01	1.06	1.06	1.04	8.59E-01	8.02E-01	6.76E-01	5.72E-01
NP_000108.1	EMD	emerin	1.02	1.01	1.03	1.06	1.03E-02	5.63E-04	7.94E-01	7.17E-01
XP_024308018.1	ACO2	aconitate hydratase, mitochondrial isoform X1	1.11	0.94	1.04	1.04	1.04E-01	4.21E-02	9.00E-02	2.38E-02
XP_005272732.1	USP9X	probable ubiquitin carboxyl-terminal hydrolase FAF-X isoform X1	1.03	0.96	0.98	1.02	2.47E-01	1.47E-01	9.28E-02	2.57E-02
XP_024303298.1	TNC	tenascin isoform X1	0.98	1.04	1.02	1.10	2.54E-01	1.53E-01	8.95E-02	2.36E-02
NP_001274730.1	TBCE	tubulin-specific chaperone E isoform b	1.02	1.01	1.03	1.01	7.36E-01	6.50E-01	9.07E-01	8.65E-01
NP_005608.1	RPS14	40S ribosomal protein S14	1.06	0.95	1.01	1.04	1.72E-01	8.92E-02	1.48E-01	5.92E-02
NP_001305131.1	FHOD1	FH1/FH2 domain-containing protein 1 isoform 1	1.09	0.89	0.97	1.03	1.74E-02	1.84E-03	3.58E-02	1.78E-03
NP_006807.1	LMAN2	vesicular integral-membrane protein VIP36 precursor	1.02	0.94	0.96	1.04	5.17E-01	4.01E-01	1.93E-01	9.15E-02
NP_000185.1	HPRT1	hypoxanthine-guanine phosphoribosyltransferase	1.14	1.06	1.20	1.09	1.32E-01	6.05E-02	3.05E-01	1.82E-01
NP_001309906.1	SFXN1	sideroflexin-1 isoform 1	1.06	0.99	1.04	1.00	1.06E-02	6.28E-04	1.12E-01	3.58E-02
NP_689478.1	BTF3L4	transcription factor BTF3 homolog 4 isoform 1	0.93	1.02	0.94	0.99	1.33E-01	6.10E-02	1.83E-01	8.42E-02
NP_000181.2	HMBS	porphobilinogen deaminase isoform 1	0.97	1.02	0.99	1.11	4.42E-01	3.22E-01	4.07E-01	2.78E-01
NP_001120699.1	CD59	CD59 glycoprotein	0.76	1.17	0.89	0.87	4.78E-03	1.40E-04	2.72E-02	1.79E-04
NP_055271.2	PDCD4	programmed cell death protein 4 isoform 1	0.80	0.93	0.74	0.89	1.46E-02	1.27E-03	9.04E-02	2.44E-02
NP_057134.1	MRPL11	39S ribosomal protein L11, mitochondrial isoform a	0.99	1.02	1.01	1.05	1.69E-01	8.68E-02	1.07E-01	3.28E-02
NP_057494.3	CHMP5	charged multivesicular body protein 5 isoform 1	0.90	1.00	0.90	1.04	8.03E-02	2.85E-02	9.92E-02	2.88E-02

XP_005271527.1	PHLDB1	pleckstrin homology-like domain family B member 1 isoform X21	0.84	0.90	0.76	0.97	7.79E-02	2.70E-02	2.77E-01	1.56E-01
NP_689971.4	YTHDF3	YTH domain-containing family protein 3 isoform a	0.98	0.97	0.95	1.08	5.02E-01	3.84E-01	8.79E-01	8.29E-01
NP_057215.3	RAB10	ras-related protein Rab-10	1.10	0.99	1.09	1.02	1.71E-02	1.79E-03	1.49E-01	5.98E-02
NP_001020.2	RPS26	40S ribosomal protein S26	1.10	0.88	0.97	0.98	1.49E-01	7.19E-02	7.26E-02	1.49E-02
XP_006722700.1	CIRBP	cold-inducible RNA-binding protein isoform X2	0.62	1.00	0.62	0.93	6.65E-03	2.56E-04	3.31E-02	5.74E-04
NP_005773.3	ALYREF	THO complex subunit 4	0.91	1.00	0.91	0.98	6.20E-02	1.89E-02	8.02E-02	1.84E-02
XP_024303470.1	HINT2	histidine triad nucleotide-binding protein 2, mitochondrial isoform X1	1.10	0.98	1.08	1.11	8.49E-02	3.12E-02	8.57E-02	2.13E-02
NP_001164014.1	PGAM5	serine/threonine-protein phosphatase PGAM5, mitochondrial isoform 1	1.16	0.93	1.07	1.06	6.05E-02	1.83E-02	5.79E-02	8.16E-03
NP_003895.1	ZPR1	zinc finger protein ZPR1 isoform 1	1.06	1.03	1.09	1.04	3.38E-02	6.18E-03	3.04E-01	1.81E-01
NP_004689.1	PRPF3	U4/U6 small nuclear ribonucleoprotein Prp3 isoform 1	1.07	0.99	1.06	0.99	1.82E-04	2.91E-07	4.79E-02	4.24E-03
NP_004166.1	SNRPD3	small nuclear ribonucleoprotein Sm D3	1.13	0.80	0.90	0.99	7.20E-02	2.39E-02	5.20E-02	5.88E-03
XP_005249200.1	MMUT	methylmalonyl-CoA mutase, mitochondrial isoform X1	0.98	1.01	0.99	1.10	6.75E-01	5.79E-01	5.80E-01	4.64E-01
NP_057417.3	SRRM2	serine/arginine repetitive matrix protein 2	0.89	1.05	0.94	0.95	3.67E-02	7.28E-03	5.11E-02	5.42E-03
NP_463460.1	FKBP1A	peptidyl-prolyl cis-trans isomerase FKBP1A isoform a	0.90	1.01	0.92	1.01	3.11E-02	5.22E-03	6.88E-02	1.29E-02
NP_001203.1	CIQBP	complement component 1 Q subcomponent-binding protein, mitochondrial precursor	0.84	1.01	0.85	1.08	9.16E-02	3.47E-02	1.15E-01	3.76E-02
NP_003104.2	SPI00	nuclear autoantigen Sp-100 isoform 2	0.84	1.24	1.03	0.92	2.17E-01	1.22E-01	3.41E-01	2.13E-01
NP_001243546.1	TUBGCP2	gamma-tubulin complex component 2 isoform 1	1.01	0.93	0.94	0.97	6.92E-01	6.00E-01	2.03E-01	9.89E-02
NP_775882.2	FAM98B	protein FAM98B	1.03	0.99	1.02	1.02	3.12E-01	2.00E-01	2.85E-01	1.64E-01
NP_006744.2	SURF6	surfeit locus protein 6 isoform 1	0.94	1.00	0.94	1.05	1.21E-01	5.31E-02	1.91E-01	8.99E-02
NP_001311.3	CSNK2B	casein kinase II subunit beta isoform 1	1.03	0.94	0.97	1.02	5.14E-01	3.98E-01	2.47E-01	1.32E-01
NP_001028675.1	SAR1B	GTP-binding protein SAR1b	1.20	0.97	1.17	1.03	8.10E-02	2.91E-02	8.74E-02	2.25E-02
NP_006852.1	RAB35	ras-related protein Rab-35 isoform 1	1.13	0.96	1.09	1.05	1.23E-01	5.48E-02	1.10E-01	3.45E-02
NP_002408.3	MKI67	proliferation marker protein Ki-67 isoform 1	0.99	1.02	1.01	0.98	7.42E-01	6.59E-01	6.82E-01	5.80E-01
NP_001008895.1	CUL4A	cullin-4A isoform 1	0.95	0.95	0.90	0.97	5.17E-01	4.02E-01	9.95E-01	9.93E-01
XP_024304173.1	GNG12	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12 isoform X1	0.98	0.94	0.92	0.99	1.18E-01	5.09E-02	3.72E-01	2.44E-01
NP_001265126.1	CDK5RAP3	CDK5 regulatory subunit-associated protein 3 isoform c	1.08	0.96	1.04	1.09	7.30E-02	2.43E-02	7.80E-02	1.67E-02
XP_016878876.1	P DPR	pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial isoform X1	1.09	0.93	1.02	0.99	2.74E-01	1.71E-01	1.51E-01	6.12E-02
NP_058431.2	CRK	adapter molecule crk isoform a	0.87	1.04	0.91	0.95	1.22E-01	5.45E-02	1.09E-01	3.41E-02
NP_055449.1	PPM1F	protein phosphatase 1F	1.06	0.99	1.05	1.02	1.71E-01	8.83E-02	2.65E-01	1.47E-01
XP_011543857.1	RPS6KA3	ribosomal protein S6 kinase alpha-3 isoform X1	1.10	0.94	1.04	1.11	2.59E-02	3.75E-03	4.67E-02	3.99E-03
XP_024308976.1	KYNU	kynureninase isoform X1	1.10	0.98	1.08	1.02	5.78E-02	1.71E-02	1.05E-01	3.22E-02
NP_078880.2	RPAP3	RNA polymerase II-associated protein 3 isoform 1	1.08	0.88	0.96	1.00	1.73E-01	8.99E-02	1.25E-01	4.37E-02
NP_036256.2	CHORDC1	cysteine and histidine-rich domain-containing protein 1 isoform a	1.07	0.96	1.02	1.00	6.97E-02	2.26E-02	1.29E-01	4.64E-02
NP_001157940.1	TMED7-TICAM2	TRAM adaptor with GOLD domain isoform 1 precursor	1.30	0.84	1.09	1.20	5.80E-02	1.72E-02	8.12E-02	1.89E-02
XP_016880028.1	ABR	active breakpoint cluster region-related protein isoform X1	0.99	0.97	0.97	1.03	7.32E-01	6.46E-01	4.95E-01	3.69E-01
NP_005685.1	COX17	cytochrome c oxidase copper chaperone	0.78	0.90	0.70	0.85	1.03E-01	4.14E-02	3.10E-01	1.86E-01
NP_037368.1	ATXN10	ataxin-10 isoform 1	0.96	0.96	0.92	0.92	1.38E-01	6.44E-02	9.96E-01	9.96E-01
XP_016863889.1	SEPTIN11	septin-11 isoform X1	1.11	1.01	1.12	1.02	5.39E-02	1.52E-02	1.76E-01	7.97E-02
NP_005861.2	SAP18	histone deacetylase complex subunit SAP18 isoform 1	0.91	1.01	0.92	0.96	1.86E-01	9.87E-02	2.16E-01	1.07E-01
XP_024307057.1	TXNL1	thioredoxin-like protein 1 isoform X1	0.97	0.87	0.84	0.90	5.54E-01	4.42E-01	2.01E-01	9.72E-02
NP_004588.1	SNRPD2	small nuclear ribonucleoprotein Sm D2 isoform 1	1.02	0.95	0.97	1.05	3.99E-01	2.79E-01	1.56E-01	6.49E-02
NP_001020419.1	DUT	deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial isoform 1 precursor	0.85	0.98	0.83	1.03	1.51E-02	1.37E-03	7.88E-02	1.74E-02
XP_011544158.2	NDUFAB1	acyl carrier protein, mitochondrial isoform X1	0.77	0.93	0.72	0.86	1.93E-02	2.21E-03	5.72E-02	7.74E-03
NP_002802.2	PSMD7	26S proteasome non-ATPase regulatory subunit 7	1.07	1.05	1.13	0.99	1.20E-01	5.25E-02	4.11E-01	2.83E-01
NP_003891.1	SQSTM1	sequestosome-1 isoform 1	1.29	1.29	1.65	1.23	3.39E-02	6.27E-03	9.93E-01	9.89E-01
NP_006651.2	CLPX	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial precursor	0.98	0.93	0.91	1.03	5.59E-01	4.48E-01	5.38E-01	4.15E-01

NP_001186848.1	PGM3	phosphoacetylglucosamine mutase isoform 4	1.14	0.96	1.10	1.10	5.17E-02	1.41E-02	7.21E-02	1.47E-02
NP_077305.2	EFHD2	EF-hand domain-containing protein D2	0.96	1.04	0.99	0.97	9.91E-02	3.92E-02	7.88E-02	1.72E-02
NP_001207417.1	CDH13	cadherin-13 isoform 2	0.95	1.04	0.99	1.07	3.20E-01	2.08E-01	2.01E-01	9.71E-02
NP_005850.1	PURA	transcriptional activator protein Pur-alpha	1.20	0.92	1.11	1.04	8.76E-02	3.26E-02	8.47E-02	2.08E-02
NP_002477.1	NCBP1	nuclear cap-binding protein subunit 1 isoform 1	1.05	0.89	0.93	1.03	4.65E-02	1.14E-02	1.22E-01	4.23E-02
XP_006718779.1	PPFIA1	liprin-alpha-1 isoform X1	1.01	0.95	0.96	1.03	2.95E-01	1.86E-01	2.60E-01	1.42E-01
NP_055851.1	ENDOD1	endonuclease domain-containing 1 protein precursor	1.19	0.93	1.11	1.01	2.45E-02	3.41E-03	4.33E-02	2.84E-03
NP_000377.1	BLMH	bleomycin hydrolase	1.01	1.02	1.03	1.04	4.34E-01	3.13E-01	6.92E-01	5.91E-01
NP_001352054.1	NUP98	nuclear pore complex protein Nup98-Nup96 isoform 5	1.06	0.97	1.02	1.05	4.60E-01	3.41E-01	3.49E-01	2.22E-01
NP_001096617.1	GIGYF2	GRB10-interacting GYF protein 2 isoform a	0.97	1.01	0.98	1.05	6.28E-01	5.24E-01	6.41E-01	5.31E-01
NP_001240308.1	RPL15	60S ribosomal protein L15 isoform 1	1.10	0.98	1.08	1.03	8.16E-02	2.94E-02	1.36E-01	5.06E-02
NP_008824.2	EIF2D	eukaryotic translation initiation factor 2D isoform 1	1.06	0.99	1.04	1.12	3.33E-01	2.18E-01	2.90E-01	1.69E-01
XP_016882419.1	MAP1S	microtubule-associated protein 1S isoform X1	1.14	1.00	1.14	1.10	8.26E-02	2.98E-02	1.13E-01	3.62E-02
NP_001001998.1	EXOSC10	exosome component 10 isoform 1	0.98	1.05	1.02	1.05	7.67E-01	6.88E-01	5.93E-01	4.78E-01
NP_852478.1	ITGA1	integrin alpha-1 precursor	0.71	0.85	0.60	0.81	9.22E-03	4.63E-04	6.65E-02	1.16E-02
NP_055842.2	PDXDC1	pyridoxal-dependent decarboxylase domain-containing protein 1 isoform 1	1.06	0.94	0.99	1.12	2.48E-03	4.10E-05	1.14E-01	3.68E-02
NP_003305.1	TTC1	tetratricopeptide repeat protein 1	0.91	1.04	0.94	1.06	2.02E-02	2.42E-03	3.53E-02	1.57E-03
NP_056016.1	BOP1	ribosome biogenesis protein BOP1	1.08	1.01	1.09	1.05	5.49E-02	1.57E-02	1.14E-01	3.66E-02
XP_005258803.1	CHMP2A	charged multivesicular body protein 2a isoform X1	1.06	0.97	1.03	1.03	7.78E-02	2.70E-02	1.30E-01	4.71E-02
NP_006806.1	TMED2	transmembrane emp24 domain-containing protein 2 isoform 1 precursor	1.18	0.91	1.08	1.16	1.14E-01	4.87E-02	8.65E-02	2.18E-02
NP_006347.1	ATP5PD	ATP synthase subunit d, mitochondrial isoform a	0.90	1.09	0.98	1.05	1.00E-01	4.00E-02	6.88E-02	1.29E-02
XP_005257603.2	RNF213	E3 ubiquitin-protein ligase RNF213 isoform X1	0.97	0.98	0.95	1.03	1.10E-01	4.60E-02	2.74E-01	1.54E-01
NP_115679.2	HSDL2	hydroxysteroid dehydrogenase-like protein 2 isoform 1	1.05	0.95	1.00	1.08	4.64E-01	3.46E-01	2.65E-01	1.47E-01
NP_057141.1	COPZ1	coatamer subunit zeta-1 isoform 1	1.05	0.98	1.04	1.06	1.92E-02	2.18E-03	3.53E-02	1.68E-03
NP_001073271.1	GAA	lysosomal alpha-glucosidase	0.71	1.08	0.77	0.89	1.43E-02	1.18E-03	3.45E-02	9.16E-04
XP_024304000.1	LOXL4	lysyl oxidase homolog 4 isoform X1	0.93	1.05	0.97	1.08	3.65E-01	2.47E-01	4.08E-01	2.79E-01
NP_001909.3	DBT	lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor	1.13	0.91	1.02	1.02	4.32E-02	9.95E-03	1.19E-01	4.03E-02
NP_001166925.1	PDHA1	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial isoform 2 precursor	1.10	0.96	1.06	1.08	8.02E-02	2.82E-02	1.02E-01	3.02E-02
NP_036357.1	NUBP2	cytosolic Fe-S cluster assembly factor NUBP2 isoform 1	1.01	0.99	1.00	1.09	8.06E-01	7.36E-01	6.83E-01	5.80E-01
NP_001025178.1	APIG1	AP-1 complex subunit gamma-1 isoform a	1.08	0.94	1.01	1.04	1.32E-01	6.07E-02	9.33E-02	2.58E-02
XP_011518907.1	EPS8	epidermal growth factor receptor kinase substrate 8 isoform X1	1.24	1.06	1.34	1.16	4.04E-01	2.84E-01	6.03E-01	4.89E-01
NP_005434.4	PAPSS1	bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1	1.07	0.95	1.02	1.04	4.78E-01	3.60E-01	3.10E-01	1.87E-01
NP_001258766.1	RCN2	reticulocalbin-2 isoform b precursor	0.90	1.07	0.96	0.90	4.92E-01	3.74E-01	3.42E-01	2.15E-01
NP_005619.1	SLC1A5	neutral amino acid transporter B(0) isoform 1	1.07	1.02	1.09	1.01	1.48E-01	7.17E-02	2.36E-01	1.22E-01
NP_000994.1	RPLP1	60S acidic ribosomal protein P1 isoform 1	0.80	1.05	0.84	0.91	1.83E-01	9.63E-02	1.60E-01	6.77E-02
NP_958815.1	LUC7L	putative RNA-binding protein Luc7-like 1 isoform b	1.01	0.96	0.97	1.02	7.94E-01	7.21E-01	6.02E-01	4.87E-01
NP_001341012.1	PSME3IP1	PSME3-interacting protein isoform a	0.78	0.92	0.72	0.91	1.68E-01	8.62E-02	2.94E-01	1.73E-01
NP_001139786.1	ABHD14B	protein ABHD14B isoform 1	1.13	0.85	0.96	1.07	2.67E-02	4.01E-03	7.88E-02	1.74E-02
NP_000894.1	NQO1	NAD(P)H dehydrogenase [quinone] 1 isoform a	0.71	0.95	0.67	0.93	2.60E-02	3.78E-03	5.92E-02	8.63E-03
NP_001008274.1	TAGLN3	transgelin-3	1.09	1.03	1.12	1.11	4.60E-02	1.11E-02	9.04E-02	2.43E-02
NP_002804.2	PSMD9	26S proteasome non-ATPase regulatory subunit 9 isoform 1	0.92	1.03	0.95	1.05	1.86E-01	9.91E-02	1.54E-01	6.34E-02
NP_056167.1	POFUT1	GDP-fucose protein O-fucosyltransferase 1 isoform 1 precursor	1.12	0.98	1.10	1.02	1.31E-02	9.82E-04	1.26E-01	4.41E-02
XP_011518046.1	CUL2	cullin-2 isoform X1	1.14	0.94	1.07	1.08	3.38E-02	6.21E-03	4.48E-02	3.47E-03
NP_062427.1	S100A4	protein S100-A4	0.93	1.00	0.93	0.89	1.58E-01	7.89E-02	1.76E-01	7.91E-02
NP_003469.2	CUL5	cullin-5	1.15	0.91	1.05	1.04	1.96E-01	1.06E-01	1.41E-01	5.49E-02
XP_024304296.1	NUCB2	nucleobindin-2 isoform X1	0.94	1.11	1.04	0.97	1.17E-01	5.07E-02	5.79E-02	8.02E-03

XP_016874755.1	ITPR2	inositol 1,4,5-trisphosphate receptor type 2 isoform X1	1.08	0.97	1.04	1.05	4.78E-02	1.19E-02	1.12E-01	3.57E-02
NP_001336850.1	RPL27	60S ribosomal protein L27	0.98	1.00	0.98	0.90	7.28E-01	6.40E-01	7.94E-01	7.18E-01
NP_001172005.1	FMR1	synaptic functional regulator FMR1 isoform ISO7	1.11	0.82	0.89	0.90	4.64E-01	3.46E-01	4.68E-01	3.41E-01
NP_000631.1	IL13RA2	interleukin-13 receptor subunit alpha-2 precursor	0.65	0.88	0.57	0.84	1.48E-03	1.51E-05	1.80E-02	3.84E-05
NP_001335098.1	HDFGFL2	hepatoma-derived growth factor-related protein 2 isoform 3	0.76	1.06	0.81	0.86	2.51E-02	3.52E-03	4.33E-02	2.86E-03
NP_060587.8	WDR11	WD repeat-containing protein 11	1.17	0.93	1.08	1.08	1.21E-01	5.34E-02	9.95E-02	2.91E-02
NP_002098.1	H3-3A	histone H3.3	1.05	0.96	1.00	0.95	4.41E-02	1.03E-02	6.77E-02	1.23E-02
NP_005902.1	MAT2A	S-adenosylmethionine synthase isoform type-2	1.00	0.93	0.93	0.98	9.36E-01	9.08E-01	1.18E-01	3.95E-02
NP_002873.1	RANBP1	ran-specific GTPase-activating protein isoform 2	0.87	1.07	0.92	0.96	2.71E-01	1.68E-01	2.65E-01	1.47E-01
NP_006006.3	ARID1A	AT-rich interactive domain-containing protein 1A isoform a	1.00	0.96	0.96	0.99	9.09E-01	8.68E-01	4.18E-01	2.90E-01
NP_005317.2	HAGH	hydroxyacylglutathione hydrolase, mitochondrial isoform 1 precursor	1.06	0.95	1.01	1.08	2.22E-01	1.27E-01	1.21E-01	4.12E-02
NP_002195.1	ITGA3	integrin alpha-3	0.76	1.06	0.81	1.10	8.76E-03	4.17E-04	4.87E-02	4.55E-03
NP_000276.2	PEPD	xaa-Pro dipeptidase isoform 1	1.10	0.96	1.07	1.10	4.18E-02	9.24E-03	6.13E-02	9.56E-03
XP_006722908.1	SMARCA4	transcription activator BRG1 isoform X1	0.91	0.94	0.86	0.96	1.18E-01	5.16E-02	3.51E-01	2.24E-01
NP_005330.1	UBE2K	ubiquitin-conjugating enzyme E2 K isoform 1	1.00	0.99	0.99	1.07	9.09E-01	8.69E-01	5.90E-01	4.74E-01
NP_060941.2	ZC3H15	zinc finger CCCH domain-containing protein 15	0.94	1.02	0.96	0.95	8.02E-02	2.84E-02	1.37E-01	5.17E-02
NP_037415.1	MAT2B	methionine adenosyltransferase 2 subunit beta isoform 1	1.04	0.97	1.01	1.02	9.33E-02	3.56E-02	8.87E-02	2.32E-02
NP_001316055.1	DNAJC13	dnaJ homolog subfamily C member 13 isoform 1	1.08	0.98	1.06	1.04	2.29E-01	1.32E-01	2.75E-01	1.55E-01
XP_024309873.1	OCIAD1	OCIA domain-containing protein 1 isoform X1	0.95	1.03	0.98	1.09	2.26E-01	1.29E-01	1.74E-01	7.71E-02
NP_002159.2	IDH2	isocitrate dehydrogenase [NADP], mitochondrial isoform 1 precursor	1.08	0.93	1.01	1.08	7.55E-02	2.59E-02	7.18E-02	1.42E-02
NP_689926.1	STT3A	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A isoform a	1.06	0.97	1.02	1.00	2.03E-02	2.45E-03	1.17E-01	3.91E-02
NP_001124384.1	SUGT1	protein SGT1 homolog isoform B	0.92	1.03	0.96	0.99	1.66E-02	1.70E-03	1.08E-01	3.34E-02
NP_004703.1	HGS	hepatocyte growth factor-regulated tyrosine kinase substrate	0.91	1.12	1.02	0.98	2.05E-02	2.48E-03	7.57E-02	1.60E-02
XP_016873261.1	MRE11	double-strand break repair protein MRE11 isoform X1	1.04	0.91	0.95	1.06	1.25E-01	5.59E-02	1.80E-01	8.24E-02
NP_055454.1	TTC37	tetratricopeptide repeat protein 37	1.04	0.96	1.00	1.09	3.99E-01	2.79E-01	2.27E-01	1.15E-01
NP_001171795.2	FCRLA	Fc receptor-like A isoform 1 precursor	1.07	1.04	1.11	1.24	5.99E-01	4.92E-01	9.05E-01	8.62E-01
NP_006747.1	TCEA1	transcription elongation factor A protein 1 isoform 1	0.82	1.03	0.84	1.01	3.87E-02	8.03E-03	8.25E-02	1.94E-02
NP_003525.1	H3C8	histone H3.1	1.02	1.00	1.02	0.84	8.43E-02	3.08E-02	1.14E-01	3.66E-02
NP_001295093.1	GFM1	elongation factor G, mitochondrial isoform 1	1.05	0.96	1.00	1.04	5.74E-01	4.64E-01	4.89E-01	3.62E-01
NP_001193997.1	BZW1	basic leucine zipper and W2 domain-containing protein 1 isoform 2	1.02	0.98	1.00	1.01	4.83E-01	3.66E-01	2.88E-01	1.67E-01
NP_006563.2	GNA13	guanine nucleotide-binding protein subunit alpha-13 isoform 1	1.04	0.99	1.02	1.05	6.95E-01	6.03E-01	6.03E-01	4.88E-01
NP_001137359.1	COPS2	COP9 signalosome complex subunit 2 isoform 2	1.00	0.99	0.98	0.99	8.95E-01	8.52E-01	8.91E-01	8.43E-01
NP_003468.2	PDHX	pyruvate dehydrogenase protein X component, mitochondrial isoform 1 precursor	1.09	0.99	1.07	1.07	3.62E-02	7.08E-03	7.18E-02	1.42E-02
XP_011522362.1	RABEP1	rab GTPase-binding effector protein 1 isoform X1	0.91	1.02	0.92	0.96	3.39E-01	2.23E-01	3.11E-01	1.87E-01
NP_076950.1	DDX50	ATP-dependent RNA helicase DDX50	1.42	0.81	1.08	1.11	5.12E-01	3.95E-01	4.07E-01	2.77E-01
NP_062552.2	MEPCE	7SK snRNA methylphosphate capping enzyme isoform A	1.02	0.99	1.02	1.01	7.85E-01	7.09E-01	7.31E-01	6.37E-01
NP_060037.4	NAGK	N-acetyl-D-glucosamine kinase isoform 1	1.04	0.97	1.01	0.99	5.62E-01	4.51E-01	4.35E-01	3.06E-01
NP_002631.3	SERPINB8	serpin B8 isoform a	1.06	0.93	0.98	1.00	9.90E-02	3.90E-02	7.20E-02	1.45E-02
NP_054902.1	DYNLRB1	dynein light chain roadblock-type 1 isoform a	1.02	0.99	1.01	1.11	4.98E-01	3.80E-01	5.09E-01	3.84E-01
NP_064576.1	MRPS22	28S ribosomal protein S22, mitochondrial isoform 1	1.02	0.97	1.00	1.04	7.81E-02	2.72E-02	1.39E-01	5.30E-02
NP_055278.1	LSM3	U6 snRNA-associated Sm-like protein LSM3	0.94	0.98	0.92	1.04	7.78E-02	2.70E-02	1.54E-01	6.28E-02
NP_057445.4	ACP6	lysophosphatidic acid phosphatase type 6 isoform 1	1.01	0.98	0.99	1.00	9.05E-01	8.63E-01	7.12E-01	6.13E-01
NP_001346.1	DDT	D-dopachrome decarboxylase	1.00	0.97	0.97	1.03	9.87E-01	9.83E-01	4.75E-01	3.48E-01
NP_996790.3	PRKAA1	5'-AMP-activated protein kinase catalytic subunit alpha-1 isoform 2	1.08	1.01	1.09	1.05	1.35E-01	6.28E-02	2.47E-01	1.31E-01
NP_005717.3	TSMF	elongation factor Ts, mitochondrial isoform 2 precursor	0.87	1.01	0.88	0.93	3.68E-02	7.37E-03	6.35E-02	1.03E-02
NP_002706.1	PPP2CA	serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform 1	1.08	0.96	1.04	1.06	9.36E-02	3.58E-02	8.02E-02	1.84E-02
XP_005253433.1	M6PR	cation-dependent mannose-6-phosphate receptor isoform X1	0.91	1.12	1.02	1.04	2.36E-01	1.38E-01	1.15E-01	3.73E-02

NP_057001.1	GSTK1	glutathione S-transferase kappa 1 isoform a	1.02	1.04	1.06	0.95	5.74E-02	1.69E-02	9.18E-02	2.53E-02
NP_001104262.1	MECP2	methyl-CpG-binding protein 2 isoform 2	0.95	1.02	0.97	1.00	3.88E-01	2.69E-01	3.08E-01	1.84E-01
NP_036347.1	OGA	protein O-GlcNAcase isoform a	1.14	0.89	1.02	1.15	2.21E-01	1.26E-01	1.68E-01	7.27E-02
XP_024309466.1	RPL29	60S ribosomal protein L29 isoform X1	0.87	1.10	0.96	0.93	6.37E-02	1.99E-02	5.50E-02	6.98E-03
XP_024308995.1	TRIP12	E3 ubiquitin-protein ligase TRIP12 isoform X1	1.21	1.14	1.40	1.10	3.68E-01	2.51E-01	7.99E-01	7.24E-01
XP_024303906.1	SVIL	supervillin isoform X1	0.96	0.96	0.92	0.99	1.79E-01	9.35E-02	9.14E-01	8.76E-01
NP_003061.3	SMARCA2	probable global transcription activator SNF2L2 isoform a	1.02	1.04	1.06	1.03	4.58E-01	3.39E-01	9.19E-01	8.82E-01
NP_001027459.1	UBE2V1	ubiquitin-conjugating enzyme E2 variant 1 isoform d	1.13	0.91	1.02	1.10	1.16E-02	7.62E-04	4.47E-02	3.36E-03
NP_006353.2	NXF1	nuclear RNA export factor 1 isoform 1	0.98	0.98	0.97	1.04	2.38E-01	1.39E-01	7.06E-01	6.05E-01
NP_001311048.1	CYFIP1	cytoplasmic FMR1-interacting protein 1 isoform c	1.02	0.93	0.95	1.00	5.37E-01	4.23E-01	2.31E-01	1.19E-01
XP_016856465.1	DNM3	dynammin-3 isoform X1	1.15	0.87	0.99	1.11	4.82E-01	3.64E-01	3.67E-01	2.39E-01
XP_016863314.1	SPATA5	ATPase family protein 2 homolog isoform X1	1.08	0.96	1.04	1.05	4.82E-01	3.64E-01	3.68E-01	2.40E-01
NP_001034271.2	BOLA2B	bola-like protein 2 isoform 1	0.90	1.04	0.94	0.91	4.78E-03	1.39E-04	3.80E-02	2.13E-03
NP_037468.1	SEC61A1	protein transport protein Sec61 subunit alpha isoform 1	1.01	0.96	0.97	0.93	3.75E-01	2.56E-01	9.50E-02	2.70E-02
NP_112576.1	SH3BGLR3	SH3 domain-binding glutamic acid-rich-like protein 3	0.90	1.03	0.93	0.98	1.06E-02	6.19E-04	3.53E-02	1.33E-03
NP_060828.2	ABCF3	ATP-binding cassette sub-family F member 3 isoform 1	1.07	0.94	1.00	1.07	1.24E-01	5.57E-02	7.88E-02	1.74E-02
XP_024304270.1	INPPL1	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2 isoform X1	1.08	0.94	1.02	1.04	8.91E-02	3.35E-02	1.07E-01	3.32E-02
NP_001668.1	ATP1B1	sodium/potassium-transporting ATPase subunit beta-1	1.07	0.98	1.05	1.13	2.02E-01	1.11E-01	3.04E-01	1.81E-01
NP_001240837.1	AKR1C3	aldo-keto reductase family 1 member C3 isoform 2	1.04	0.99	1.03	1.11	2.97E-01	1.88E-01	2.73E-01	1.53E-01
XP_024305322.1	ERO1A	ERO1-like protein alpha isoform X1	1.06	0.92	0.98	1.02	8.70E-02	3.22E-02	6.35E-02	1.04E-02
NP_001528.1	HSBP1	heat shock factor-binding protein 1	0.77	1.05	0.81	0.93	4.50E-02	1.07E-02	6.64E-02	1.14E-02
XP_011533233.1	PARP4	protein mono-ADP-ribosyltransferase PARP4 isoform X1	1.04	0.99	1.02	1.05	3.43E-01	2.27E-01	3.41E-01	2.14E-01
XP_005268422.1	TCERG1	transcription elongation regulator 1 isoform X1	1.03	1.01	1.04	1.06	1.09E-01	4.57E-02	5.24E-01	4.01E-01
NP_056473.3	NOC2L	nucleolar complex protein 2 homolog	1.09	0.97	1.06	1.03	3.38E-02	6.21E-03	5.86E-02	8.47E-03
XP_016864445.1	PAIP1	polyadenylate-binding protein-interacting protein 1 isoform X1	1.11	0.84	0.93	1.03	6.58E-02	2.09E-02	4.59E-02	3.83E-03
NP_003748.1	EIF3I	eukaryotic translation initiation factor 3 subunit I	0.93	0.96	0.89	0.99	1.06E-02	6.12E-04	7.39E-02	1.53E-02
NP_075565.2	COA7	cytochrome c oxidase assembly factor 7	1.00	0.95	0.95	1.04	9.71E-01	9.58E-01	1.01E-01	2.97E-02
NP_009145.1	SEC63	translocation protein SEC63 homolog	1.04	1.01	1.05	1.03	8.02E-02	2.83E-02	1.25E-01	4.39E-02
XP_005264900.1	OSBPL10	oxysterol-binding protein-related protein 10 isoform X1	0.97	0.95	0.92	1.00	4.19E-01	2.98E-01	5.37E-01	4.14E-01
NP_005722.1	ARPC2	actin-related protein 2/3 complex subunit 2	1.11	0.93	1.03	0.99	4.47E-02	1.05E-02	1.98E-01	9.53E-02
NP_003745.1	EIF3F	eukaryotic translation initiation factor 3 subunit F	1.01	0.96	0.96	1.00	8.35E-01	7.72E-01	2.52E-01	1.36E-01
NP_055063.1	RBX1	E3 ubiquitin-protein ligase RBX1	1.07	0.88	0.94	1.13	1.78E-02	1.90E-03	3.38E-02	7.45E-04
XP_024305924.1	COX4I1	cytochrome c oxidase subunit 4 isoform 1, mitochondrial isoform X1	1.01	1.03	1.04	1.02	8.34E-01	7.70E-01	4.23E-01	2.95E-01
NP_000365.3	UROD	uroporphyrinogen decarboxylase	1.02	0.98	0.99	0.92	4.94E-01	3.76E-01	5.08E-01	3.83E-01
NP_000148.2	GBA	lysosomal acid glucosylceramidase isoform 1 precursor	0.94	0.95	0.90	1.07	1.36E-02	1.08E-03	8.37E-01	7.70E-01
NP_001357590.1	CUL1	cullin-1	1.12	1.13	1.27	1.05	3.89E-02	8.12E-03	8.97E-01	8.51E-01
NP_005115.2	NUP153	nuclear pore complex protein Nup153 isoform 2	0.93	1.02	0.95	0.98	1.44E-01	6.90E-02	1.60E-01	6.78E-02
NP_004190.1	P4HA2	prolyl 4-hydroxylase subunit alpha-2 isoform 1 precursor	0.94	1.03	0.97	1.08	2.24E-01	1.28E-01	1.95E-01	9.31E-02
XP_005247645.1	CDV3	protein CDV3 homolog isoform X1	0.90	1.05	0.95	0.97	1.12E-01	4.76E-02	9.38E-02	2.63E-02
NP_002737.2	MAPK3	mitogen-activated protein kinase 3 isoform 1	1.04	0.96	1.00	0.98	4.96E-01	3.78E-01	3.24E-01	1.99E-01
NP_510868.1	BCCIP	BRCA2 and CDKN1A-interacting protein isoform BCCIPbeta	1.04	0.89	0.93	1.07	5.29E-01	4.14E-01	1.45E-01	5.74E-02
XP_011528297.1	EWSR1	RNA-binding protein EWS isoform X1	0.67	1.08	0.72	0.73	2.55E-02	3.66E-03	4.43E-02	3.28E-03
NP_004111.2	GBP2	guanylate-binding protein 2	0.97	1.00	0.97	1.08	3.48E-01	2.32E-01	4.92E-01	3.66E-01
NP_002721.1	PRKACA	cAMP-dependent protein kinase catalytic subunit alpha isoform Calpha1	0.97	1.03	1.00	1.00	5.66E-01	4.56E-01	3.65E-01	2.36E-01
NP_064504.2	ZC3HAV1	zinc finger CCCH-type antiviral protein 1 isoform 1	1.02	1.01	1.03	1.04	5.63E-01	4.52E-01	7.88E-01	7.10E-01
NP_004243.1	SLC9A3R1	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	0.92	1.05	0.97	1.05	1.27E-02	9.22E-04	3.53E-02	1.23E-03
NP_005361.2	RAB8A	ras-related protein Rab-8A	1.12	1.02	1.14	1.03	1.08E-01	4.51E-02	3.07E-01	1.83E-01

NP_001358418.1	GET3	ATPase ASNA1	1.05	1.04	1.09	1.03	1.13E-01	4.78E-02	8.38E-01	7.72E-01
NP_006451.1	HEXIM1	protein HEXIM1	0.88	0.97	0.85	0.96	1.51E-02	1.37E-03	8.42E-02	2.04E-02
XP_016857741.1	LUZP1	leucine zipper protein 1 isoform X1	0.91	1.03	0.94	0.99	8.82E-02	3.29E-02	8.35E-02	2.00E-02
NP_003042.3	SLC16A1	monocarboxylate transporter 1	1.05	1.04	1.10	1.10	3.99E-01	2.78E-01	9.21E-01	8.86E-01
XP_005247519.1	MBNL1	muscleblind-like protein 1 isoform X3	1.13	0.99	1.11	1.17	4.50E-01	3.31E-01	5.41E-01	4.19E-01
NP_005549.2	LAD1	ladinin-1	0.99	1.02	1.01	1.04	9.29E-01	8.98E-01	7.37E-01	6.47E-01
XP_011527126.1	NFATC2	nuclear factor of activated T-cells, cytoplasmic 2 isoform X1	0.94	0.91	0.86	1.02	2.70E-01	1.67E-01	7.23E-01	6.27E-01
NP_877423.1	MCM4	DNA replication licensing factor MCM4	0.87	0.93	0.81	0.98	2.02E-01	1.11E-01	4.66E-01	3.38E-01
NP_002220.1	JUNB	transcription factor jun-B	0.97	0.93	0.90	1.02	4.07E-01	2.87E-01	5.35E-01	4.12E-01
NP_001265190.1	CARHSP1	calcium-regulated heat-stable protein 1	0.87	0.98	0.85	0.89	1.11E-02	6.87E-04	4.39E-02	3.01E-03
NP_006704.3	SUB1	activated RNA polymerase II transcriptional coactivator p15	0.94	0.91	0.86	1.06	4.12E-03	1.05E-04	3.45E-02	1.05E-03
NP_055946.1	WDR43	WD repeat-containing protein 43	0.98	1.00	0.98	1.07	1.58E-01	7.86E-02	4.78E-01	3.51E-01
NP_001015509.1	PTRH2	peptidyl-tRNA hydrolase 2, mitochondrial isoform a	1.07	0.99	1.07	1.04	3.11E-01	1.99E-01	3.66E-01	2.37E-01
NP_001307582.1	NUP88	nuclear pore complex protein Nup88 isoform 1	1.03	0.97	0.99	0.99	2.48E-01	1.47E-01	2.31E-01	1.18E-01
NP_000353.1	TIMP3	metalloproteinase inhibitor 3 precursor	1.18	0.87	1.02	1.07	2.07E-02	2.55E-03	3.53E-02	1.68E-03
XP_005253223.1	ARFGAP2	ADP-ribosylation factor GTPase-activating protein 2 isoform X1	1.01	0.99	1.00	1.08	9.52E-02	3.66E-02	1.36E-01	5.11E-02
NP_001257817.1	SLC25A10	mitochondrial dicarboxylate carrier isoform 1	1.07	0.97	1.03	1.09	1.39E-01	6.55E-02	1.63E-01	6.97E-02
NP_004291.1	ACP1	low molecular weight phosphotyrosine protein phosphatase isoform c	1.08	0.98	1.06	1.05	1.41E-01	6.64E-02	1.27E-01	4.50E-02
NP_003674.1	RRP1	ribosomal RNA processing protein 1 homolog A	1.02	1.03	1.05	1.04	2.64E-01	1.61E-01	8.53E-01	7.94E-01
NP_853551.1	RFC4	replication factor C subunit 4	1.03	0.97	1.00	1.07	1.57E-01	7.81E-02	1.27E-01	4.57E-02
NP_004554.3	PCK2	phosphoenolpyruvate carboxykinase [GTP], mitochondrial isoform 1 precursor	1.10	1.01	1.11	1.12	1.49E-01	7.24E-02	2.31E-01	1.18E-01
XP_024307582.1	ADRM1	proteasomal ubiquitin receptor ADRM1 isoform X1	1.00	0.97	0.97	1.03	9.10E-01	8.71E-01	2.38E-01	1.24E-01
NP_006319.1	RBM14	RNA-binding protein 14 isoform 1	1.07	0.98	1.05	1.03	3.94E-02	8.41E-03	5.00E-02	4.99E-03
NP_002746.1	MAP2K1	dual specificity mitogen-activated protein kinase kinase 1	1.03	0.93	0.95	1.00	9.38E-01	9.10E-01	7.29E-01	6.34E-01
NP_005893.1	SMAD3	mothers against decapentaplegic homolog 3 isoform 1	1.06	0.93	0.99	1.05	5.92E-01	4.83E-01	4.06E-01	2.77E-01
NP_000928.1	POLR2A	DNA-directed RNA polymerase II subunit RPB1	1.00	1.01	1.01	1.05	7.41E-01	6.57E-01	7.40E-01	6.51E-01
XP_006719119.1	A2M	alpha-2-macroglobulin isoform X1	0.99	0.92	0.92	1.22	9.42E-01	9.17E-01	7.75E-01	6.92E-01
NP_473357.1	SRSF10	serine/arginine-rich splicing factor 10 isoform 2	0.91	0.98	0.89	0.96	5.70E-02	1.67E-02	1.06E-01	3.24E-02
XP_024307564.1	TECR	very-long-chain enoyl-CoA reductase isoform X8	1.06	0.92	0.97	0.99	1.75E-01	9.07E-02	8.43E-02	2.05E-02
NP_116120.1	TXNDC17	thioredoxin domain-containing protein 17	1.04	0.99	1.03	1.01	5.39E-01	4.25E-01	4.67E-01	3.39E-01
NP_001146.2	ANXA6	annexin A6 isoform 1	1.05	1.03	1.08	1.09	5.37E-01	4.22E-01	8.37E-01	7.72E-01
NP_060522.3	VAC14	protein VAC14 homolog isoform 1	1.03	1.04	1.06	1.01	7.49E-01	6.68E-01	9.27E-01	8.96E-01
NP_061820.1	CYCS	cytochrome c	1.03	0.83	0.86	1.08	6.68E-01	5.71E-01	1.38E-01	5.24E-02
NP_004272.2	BAG3	BAG family molecular chaperone regulator 3	0.88	1.05	0.92	1.08	1.18E-01	5.15E-02	1.87E-01	8.71E-02
NP_003240.1	THOP1	thimet oligopeptidase	1.06	0.98	1.04	0.99	8.74E-02	3.25E-02	1.17E-01	3.89E-02
NP_036560.1	NPTN	neuroplastin isoform b precursor	0.97	1.00	0.97	0.99	1.98E-01	1.09E-01	2.31E-01	1.18E-01
NP_490597.1	BRD4	bromodomain-containing protein 4 isoform long	0.99	0.96	0.95	1.04	7.96E-01	7.24E-01	6.89E-01	5.87E-01
NP_001041659.1	RCC1	regulator of chromosome condensation isoform a	1.12	0.96	1.08	1.00	1.40E-01	6.59E-02	1.29E-01	4.68E-02
XP_005253650.1	CLIP1	CAP-Gly domain-containing linker protein 1 isoform X1	0.99	1.10	1.09	1.09	1.44E-01	6.84E-02	2.90E-01	1.69E-01
NP_005751.2	CEBPZ	CCAAT/enhancer-binding protein zeta	1.02	1.04	1.06	1.02	7.94E-01	7.22E-01	8.53E-01	7.94E-01
NP_065108.1	TIGAR	fructose-2,6-bisphosphatase TIGAR	1.12	0.94	1.06	1.09	9.92E-02	3.93E-02	1.08E-01	3.35E-02
XP_011516104.1	ALDH1B1	aldehyde dehydrogenase X, mitochondrial isoform X1	1.05	0.98	1.02	1.08	7.00E-01	6.10E-01	5.68E-01	4.51E-01
XP_016868173.1	ARMC10	armadillo repeat-containing protein 10 isoform X1	1.12	0.95	1.06	1.05	1.35E-01	6.28E-02	1.41E-01	5.44E-02
NP_055958.2	METAP1	methionine aminopeptidase 1	1.04	0.99	1.03	0.99	1.27E-01	5.71E-02	2.45E-01	1.30E-01
XP_016884904.1	GPKOW	G-patch domain and KOW motifs-containing protein isoform X1	0.98	1.00	0.98	1.00	5.17E-01	4.02E-01	6.40E-01	5.29E-01
NP_057390.1	DNAJB11	dnaj homolog subfamily B member 11 precursor	1.00	1.02	1.02	1.01	9.92E-01	9.90E-01	9.27E-01	8.97E-01
NP_001278357.1	BAX	apoptosis regulator BAX isoform 1	0.95	1.12	1.06	1.03	2.27E-02	2.93E-03	1.38E-01	5.24E-02

NP_001005353.1	AK4	adenylate kinase 4, mitochondrial isoform a	1.05	1.00	1.05	1.10	7.81E-02	2.71E-02	3.22E-01	1.97E-01
NP_003932.3	WASL	neural Wiskott-Aldrich syndrome protein	1.00	1.02	1.02	1.04	9.38E-01	9.11E-01	4.24E-01	2.96E-01
NP_001308969.1	NUTF2	nuclear transport factor 2	1.16	0.95	1.10	1.06	9.63E-03	4.89E-04	4.55E-02	3.64E-03
NP_036249.1	CBX5	chromobox protein homolog 5	0.74	0.99	0.73	0.88	2.65E-02	3.95E-03	6.32E-02	1.01E-02
NP_714941.1	NUP62	nuclear pore glycoprotein p62	0.98	0.98	0.96	1.07	4.37E-01	3.17E-01	9.66E-01	9.51E-01
NP_006378.3	CHERP	calcium homeostasis endoplasmic reticulum protein	0.97	1.07	1.04	1.02	6.25E-01	5.20E-01	5.35E-01	4.12E-01
NP_003783.1	EDF1	endothelial differentiation-related factor 1 isoform alpha	0.77	1.05	0.81	1.04	2.20E-02	2.80E-03	5.34E-02	6.29E-03
NP_001317259.1	LUC7L3	luc7-like protein 3 isoform 2	0.99	0.94	0.93	0.97	5.87E-01	4.78E-01	1.70E-01	7.44E-02
NP_036557.1	RSU1	ras suppressor protein 1 isoform 1	1.04	0.96	1.00	0.99	6.28E-02	1.95E-02	5.97E-02	8.84E-03
NP_004115.1	GMFB	glia maturation factor beta	0.95	1.01	0.96	1.04	1.06E-01	4.35E-02	1.11E-01	3.50E-02
XP_005270419.1	PPIH	peptidyl-prolyl cis-trans isomerase H isoform X1	0.98	1.03	1.01	1.00	5.93E-01	4.86E-01	4.21E-01	2.93E-01
NP_150093.1	PURB	transcriptional activator protein Pur-beta	1.02	0.98	0.99	1.00	7.18E-01	6.30E-01	4.55E-01	3.27E-01
NP_597680.2	ASNS	asparagine synthetase [glutamine-hydrolyzing] isoform a	1.01	1.12	1.13	1.12	2.59E-01	1.57E-01	5.97E-02	8.85E-03
XP_005246247.1	ROCK2	rho-associated protein kinase 2 isoform X1	1.00	1.04	1.04	1.01	9.43E-01	9.18E-01	5.97E-01	4.82E-01
NP_008868.3	SUMO2	small ubiquitin-related modifier 2 isoform a precursor	0.83	1.05	0.88	0.88	3.80E-02	7.78E-03	6.16E-02	9.66E-03
NP_001265485.1	ARPC3	actin-related protein 2/3 complex subunit 3 isoform 1	1.09	0.98	1.06	1.05	1.39E-01	6.53E-02	1.34E-01	4.98E-02
NP_063940.1	DIABLO	diablo homolog, mitochondrial isoform 1 precursor	0.99	0.94	0.93	1.02	5.88E-01	4.80E-01	2.85E-01	1.64E-01
NP_057006.1	NSDHL	sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating	1.00	1.06	1.06	1.01	9.52E-01	9.31E-01	5.67E-01	4.48E-01
XP_005265738.1	GRSF1	G-rich sequence factor 1 isoform X1	0.90	1.19	1.07	1.02	9.65E-02	3.74E-02	6.07E-02	9.32E-03
NP_057439.2	DDX47	probable ATP-dependent RNA helicase DDX47 isoform 1	1.18	0.91	1.08	1.01	6.70E-02	2.14E-02	7.52E-02	1.57E-02
NP_001093631.1	XPO7	exportin-7 isoform a	1.08	0.92	1.00	1.03	2.02E-01	1.11E-01	1.05E-01	3.21E-02
NP_001316681.1	FAM136A	protein FAM136A isoform 2	0.99	0.96	0.96	1.06	7.38E-01	6.54E-01	3.49E-01	2.22E-01
NP_037377.1	VPS4A	vacuolar protein sorting-associated protein 4A	0.87	1.17	1.02	0.95	9.74E-02	3.79E-02	6.08E-02	9.38E-03
NP_002766.1	HTRA1	serine protease HTRA1 precursor	1.06	0.96	1.02	0.94	7.35E-02	2.46E-02	6.73E-02	1.20E-02
NP_002703.1	PPP1R7	protein phosphatase 1 regulatory subunit 7 isoform 1	1.09	0.95	1.03	1.11	2.60E-02	3.83E-03	1.03E-01	3.09E-02
NP_002813.3	TWF1	twinfilin-1 isoform 2	0.97	1.02	0.98	1.06	1.53E-01	7.51E-02	1.21E-01	4.15E-02
NP_001308984.1	PDE1C	calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C isoform 2	0.96	0.86	0.83	0.86	9.45E-02	3.63E-02	1.90E-01	8.93E-02
NP_055398.1	LMCD1	LIM and cysteine-rich domains protein 1 isoform 1	0.98	1.10	1.07	1.09	5.99E-01	4.92E-01	1.38E-01	5.28E-02
NP_057071.2	HEBP1	heme-binding protein 1	1.05	1.04	1.09	1.10	3.95E-01	2.75E-01	9.27E-01	8.95E-01
NP_064628.1	TOMM22	mitochondrial import receptor subunit TOM22 homolog	1.08	0.91	0.98	1.03	4.18E-02	9.34E-03	5.64E-02	7.44E-03
NP_056229.2	RPL36	60S ribosomal protein L36	0.89	1.06	0.94	0.93	2.82E-02	4.36E-03	4.40E-02	3.04E-03
NP_001474.1	NIPSNAP2	protein NipSnap homolog 2 isoform 1	1.10	0.96	1.06	1.02	1.86E-02	2.06E-03	3.62E-02	1.81E-03
XP_016864680.1	SLC26A2	sulfate transporter isoform X1	0.86	0.90	0.77	1.01	3.12E-01	2.01E-01	7.31E-01	6.38E-01
XP_024304262.1	ILK	integrin-linked protein kinase isoform X1	1.04	0.92	0.96	1.00	1.05E-01	4.32E-02	5.00E-02	5.06E-03
NP_060542.4	HEATR1	HEAT repeat-containing protein 1	1.04	0.98	1.02	1.06	2.03E-01	1.12E-01	3.35E-01	2.09E-01
NP_060592.2	DARS2	aspartate--tRNA ligase, mitochondrial isoform 1	1.01	0.94	0.96	1.04	1.97E-01	1.07E-01	6.59E-02	1.11E-02
NP_004613.1	TSN	translin isoform 1	1.10	0.98	1.08	1.05	4.83E-02	1.22E-02	1.45E-01	5.69E-02
NP_000453.2	UBE3A	ubiquitin-protein ligase E3A isoform 2	1.08	0.96	1.03	1.05	2.04E-01	1.13E-01	1.44E-01	5.65E-02
NP_005981.3	STK10	serine/threonine-protein kinase 10	0.99	1.01	1.00	1.07	2.08E-01	1.16E-01	5.33E-01	4.09E-01
NP_004374.1	CSK	tyrosine-protein kinase CSK	1.13	1.01	1.15	1.03	1.11E-01	4.66E-02	1.88E-01	8.75E-02
NP_001284529.1	HSPBP1	hsp70-binding protein 1 isoform 1	1.11	0.88	0.98	0.97	9.94E-02	3.94E-02	7.88E-02	1.72E-02
NP_001122388.1	TOMM40	mitochondrial import receptor subunit TOM40 homolog	1.15	0.90	1.03	1.06	1.42E-01	6.73E-02	9.39E-02	2.63E-02
NP_061845.2	GDAP1	ganglioside-induced differentiation-associated protein 1 isoform a	1.14	0.98	1.12	1.16	1.25E-01	5.61E-02	1.54E-01	6.29E-02
NP_000981.1	RPL27A	60S ribosomal protein L27a	0.97	1.08	1.05	0.92	5.80E-01	4.71E-01	1.83E-01	8.40E-02
XP_005245303.1	UCHL5	ubiquitin carboxyl-terminal hydrolase isozyme L5 isoform X5	1.10	0.91	1.00	1.01	1.11E-01	4.65E-02	6.77E-02	1.22E-02
NP_036313.3	FKBP8	peptidyl-prolyl cis-trans isomerase FKBP8 isoform 1	0.96	0.89	0.86	1.01	6.95E-02	2.25E-02	1.34E-01	4.97E-02
NP_002790.1	PSMB7	proteasome subunit beta type-7 precursor	1.09	1.02	1.11	1.07	1.42E-02	1.14E-03	9.18E-02	2.52E-02

NP_006467.4	ATP5MG	ATP synthase subunit g, mitochondrial	1.14	0.88	1.00	1.02	5.81E-02	1.72E-02	9.12E-02	2.49E-02
NP_004619.3	XPC	DNA repair protein complementing XP-C cells	0.95	0.91	0.86	1.03	8.24E-02	2.98E-02	1.39E-01	5.32E-02
NP_003906.2	CPNE1	copine-1 isoform b	1.03	1.04	1.07	1.12	7.02E-02	2.30E-02	2.79E-01	1.59E-01
NP_006766.1	QKI	protein quaking isoform 1	1.09	0.86	0.93	1.06	4.08E-01	2.88E-01	2.47E-01	1.31E-01
NP_001358001.1	USP11	ubiquitin carboxyl-terminal hydrolase 11	0.97	0.86	0.83	1.01	2.73E-01	1.69E-01	7.18E-02	1.42E-02
NP_075068.2	NOL6	nucleolar protein 6 isoform alpha	1.21	0.95	1.14	1.05	7.46E-02	2.53E-02	1.21E-01	4.15E-02
NP_620073.2	GNAO1	guanine nucleotide-binding protein G(o) subunit alpha isoform b	1.03	0.99	1.01	1.06	8.73E-01	8.22E-01	8.22E-01	7.51E-01
NP_001166599.1	YTHDF2	YTH domain-containing family protein 2 isoform 1	0.91	1.01	0.92	1.08	3.59E-02	6.97E-03	6.85E-02	1.26E-02
NP_001303903.1	LZIC	protein LZIC isoform b	0.86	1.06	0.91	1.00	2.03E-01	1.12E-01	1.98E-01	9.51E-02
NP_056338.2	REXO2	oligoribonuclease, mitochondrial precursor	1.03	0.94	0.97	1.08	4.83E-01	3.66E-01	1.56E-01	6.50E-02
XP_016872264.1	PRXL2A	peroxiredoxin-like 2A isoform X1	1.05	0.98	1.02	1.01	4.60E-01	3.41E-01	4.24E-01	2.96E-01
XP_016875938.1	PDS5B	sister chromatid cohesion protein PDS5 homolog B isoform X1	0.98	0.95	0.93	1.01	1.62E-01	8.19E-02	1.73E-01	7.66E-02
NP_056377.1	UBXN7	UBX domain-containing protein 7	0.97	1.01	0.98	1.06	4.47E-01	3.27E-01	5.21E-01	3.97E-01
NP_872353.2	TMED4	transmembrane emp24 domain-containing protein 4 isoform 1 precursor	1.17	1.01	1.17	1.05	2.86E-02	4.54E-03	5.17E-02	5.59E-03
XP_005251150.1	CPNE3	copine-3 isoform X1	1.07	1.00	1.07	1.05	2.10E-02	2.59E-03	5.34E-02	6.31E-03
NP_001305832.1	TPD52L1	tumor protein D53 isoform 7	0.96	1.01	0.97	1.06	3.38E-02	6.22E-03	1.27E-01	4.54E-02
NP_008864.4	SLC5A3	sodium/myo-inositol cotransporter	0.96	0.82	0.78	0.89	3.53E-01	2.36E-01	1.29E-01	4.68E-02
NP_005144.2	USP10	ubiquitin carboxyl-terminal hydrolase 10 isoform 2	1.00	0.97	0.97	1.01	7.83E-01	7.07E-01	3.71E-01	2.42E-01
NP_001350301.1	CWC15	spliceosome-associated protein CWC15 homolog	0.85	0.98	0.83	1.01	1.66E-02	1.67E-03	1.15E-01	3.82E-02
NP_003083.1	SNRPB2	U2 small nuclear ribonucleoprotein B"	0.95	1.00	0.95	0.99	1.29E-01	5.87E-02	1.47E-01	5.81E-02
NP_002387.1	ME2	NAD-dependent malic enzyme, mitochondrial isoform 1 precursor	1.13	0.99	1.12	1.09	2.48E-01	1.47E-01	4.07E-01	2.78E-01
NP_009166.2	XPOT	exportin-T	1.00	0.95	0.94	0.95	9.57E-01	9.38E-01	7.44E-01	6.55E-01
NP_004086.1	EIF4EBP1	eukaryotic translation initiation factor 4E-binding protein 1	0.83	0.94	0.78	1.07	2.34E-01	1.35E-01	3.99E-01	2.69E-01
NP_127460.1	GAR1	H/ACA ribonucleoprotein complex subunit 1	1.04	0.96	1.00	1.05	2.55E-01	1.53E-01	2.09E-01	1.02E-01
NP_003126.1	SRP19	signal recognition particle 19 kDa protein isoform 1	1.05	1.06	1.11	1.03	4.63E-01	3.45E-01	9.27E-01	8.96E-01
NP_001307143.1	SRSF5	serine/arginine-rich splicing factor 5	1.22	0.96	1.17	0.95	3.50E-01	2.34E-01	3.45E-01	2.17E-01
NP_061980.1	MYDGF	myeloid-derived growth factor precursor	1.33	0.98	1.31	1.19	2.16E-02	2.71E-03	1.46E-01	5.79E-02
NP_777549.1	NDUFAF2	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2	0.98	1.06	1.03	1.05	5.06E-01	3.90E-01	1.75E-01	7.85E-02
NP_056281.1	PTPN23	tyrosine-protein phosphatase non-receptor type 23 isoform 1	1.15	0.89	1.02	1.08	1.78E-02	1.90E-03	3.45E-02	1.07E-03
NP_004292.1	ACTL6A	actin-like protein 6A isoform 1	0.78	1.24	0.96	0.91	2.07E-01	1.15E-01	1.28E-01	4.62E-02
NP_075384.4	KRI1	protein KRI1 homolog	0.88	1.05	0.92	0.97	1.27E-02	9.21E-04	9.73E-02	2.79E-02
NP_000091.1	CSTB	cystatin-B	1.26	0.84	1.05	1.16	1.42E-01	6.78E-02	9.02E-02	2.40E-02
NP_002803.2	PSMD8	26S proteasome non-ATPase regulatory subunit 8	1.09	0.96	1.04	0.99	1.27E-01	5.73E-02	1.41E-01	5.42E-02
NP_055892.2	SARM1	sterile alpha and TIR motif-containing protein 1 precursor	1.04	0.92	0.96	1.02	5.79E-01	4.70E-01	2.16E-01	1.08E-01
XP_016860744.1	LRRFIP1	leucine-rich repeat flightless-interacting protein 1 isoform X3	0.99	0.96	0.92	1.00	9.34E-01	9.04E-01	9.54E-01	9.34E-01
NP_001015877.1	PHF6	PHD finger protein 6 isoform 1	1.02	0.95	0.97	1.05	1.72E-01	8.91E-02	1.60E-01	6.81E-02
NP_000294.1	PMM2	phosphomannomutase 2	1.11	1.02	1.13	1.07	1.94E-01	1.05E-01	2.90E-01	1.68E-01
NP_065797.2	MAVS	mitochondrial antiviral-signaling protein isoform 1	0.99	1.02	1.01	1.02	9.26E-01	8.90E-01	8.25E-01	7.54E-01
XP_016871599.1	ANK3	ankyrin-3 isoform X1	1.01	0.98	0.99	1.06	6.35E-01	5.32E-01	4.13E-01	2.85E-01
NP_060864.1	ABHD10	mycophenolic acid acyl-glucuronide esterase, mitochondrial isoform 1 precursor	1.12	0.89	0.99	1.01	6.35E-02	1.98E-02	5.12E-02	5.48E-03
NP_001357294.1	LOC114841035	peptidyl-prolyl cis-trans isomerase FKBP2 isoform 2	1.01	1.04	1.05	1.03	8.61E-01	8.04E-01	6.25E-01	5.13E-01
XP_016879276.2	GLYR1	putative oxidoreductase GLYR1 isoform X2	0.97	1.00	0.97	1.07	6.13E-01	5.08E-01	6.21E-01	5.08E-01
NP_036465.2	MYCBP	C-Myc-binding protein	0.88	0.97	0.85	0.97	6.61E-02	2.10E-02	1.63E-01	6.99E-02
NP_001140.2	ANK3	ankyrin-3 isoform 2	0.82	1.02	0.80	1.06	5.65E-01	4.54E-01	6.09E-01	4.95E-01
NP_057004.1	RPS27L	40S ribosomal protein S27-like	1.09	0.97	1.06	1.06	1.23E-01	5.50E-02	1.55E-01	6.41E-02
XP_005261752.1	RANGAP1	ran GTPase-activating protein 1 isoform X1	1.00	1.01	1.01	1.03	9.90E-01	9.87E-01	9.10E-01	8.68E-01
NP_056146.1	NCSTN	nicastrin isoform 1 precursor	0.91	0.93	0.85	1.15	2.12E-01	1.19E-01	6.47E-01	5.37E-01

XP_011538278.1	TM9SF3	transmembrane 9 superfamily member 3 isoform X1	1.09	0.85	0.92	1.06	4.24E-02	9.62E-03	3.97E-02	2.29E-03
NP_001278233.1	NDUFA5	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 isoform 6	1.05	0.93	0.97	1.09	3.47E-01	2.31E-01	2.39E-01	1.25E-01
NP_001171904.1	PACSN3	protein kinase C and casein kinase substrate in neurons protein 3	1.02	1.00	1.01	1.08	8.73E-01	8.22E-01	8.33E-01	7.66E-01
NP_002895.3	NELFE	negative elongation factor E	0.90	0.94	0.85	0.98	1.79E-02	1.92E-03	9.82E-02	2.84E-02
NP_874365.3	SCRIB	protein scribble homolog isoform a	0.99	1.02	1.02	1.04	4.18E-02	9.34E-03	2.52E-01	1.36E-01
NP_057584.2	PBDC1	protein PBDC1 isoform 1	0.92	1.03	0.95	0.99	4.91E-02	1.26E-02	8.24E-02	1.93E-02
NP_001244942.2	FDXR	NADPH:adrenodoxin oxidoreductase, mitochondrial isoform 4	1.03	0.99	1.02	1.03	5.68E-01	4.58E-01	4.55E-01	3.26E-01
NP_005683.2	LOC114483834	ABCF2-H2B protein	1.04	1.07	1.12	1.05	3.82E-01	2.64E-01	5.37E-01	4.15E-01
XP_011517737.1	LARP4B	la-related protein 4B isoform X4	0.95	0.93	0.89	0.96	6.35E-01	5.31E-01	8.29E-01	7.60E-01
NP_001783.2	CDH2	cadherin-2 isoform 1	1.03	0.97	0.99	1.05	5.93E-01	4.86E-01	4.05E-01	2.75E-01
NP_057225.2	DYNC1L1I	cytoplasmic dynein 1 light intermediate chain 1 isoform 1	1.00	0.97	0.97	1.02	9.61E-01	9.45E-01	8.32E-01	7.64E-01
NP_004541.1	NDUFS2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial isoform 1 precursor	1.00	0.96	0.96	1.04	5.37E-01	4.23E-01	2.90E-01	1.68E-01
NP_000145.1	GALK1	galactokinase	1.11	0.99	1.10	1.08	2.07E-02	2.55E-03	5.00E-02	4.96E-03
NP_064522.4	GRIPAP1	GRIP1-associated protein 1	1.01	1.04	1.05	1.05	1.66E-02	1.71E-03	3.59E-01	2.31E-01
NP_060216.2	TEX10	testis-expressed protein 10 isoform 1	1.13	0.99	1.12	1.08	4.23E-01	3.04E-01	4.04E-01	2.74E-01
NP_057306.2	DDX41	probable ATP-dependent RNA helicase DDX41 isoform 1	1.08	0.94	1.02	1.06	2.44E-01	1.44E-01	2.03E-01	9.90E-02
NP_006730.2	MCM5	DNA replication licensing factor MCM5	0.99	0.92	0.90	0.96	9.28E-01	8.95E-01	7.94E-01	7.18E-01
NP_057327.2	CYB5R1	NADH-cytochrome b5 reductase 1	1.00	1.09	1.09	1.00	9.80E-01	9.71E-01	3.24E-01	1.99E-01
XP_006718549.1	EHBPI1L1	EH domain-binding protein 1-like protein 1 isoform X1	1.00	1.02	1.03	1.04	6.51E-01	5.52E-01	5.41E-01	4.20E-01
NP_004682.2	ATP6V0D1	V-type proton ATPase subunit d 1	1.08	1.00	1.08	1.05	1.22E-01	5.44E-02	2.27E-01	1.15E-01
NP_005849.1	AKAP8	A-kinase anchor protein 8	0.91	0.94	0.85	0.97	4.38E-02	1.02E-02	4.02E-01	2.73E-01
NP_001678.1	ATP5F1D	ATP synthase subunit delta, mitochondrial precursor	0.88	1.00	0.87	1.02	3.68E-02	7.33E-03	9.37E-02	2.62E-02
NP_003070.3	SMARCE1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	0.94	0.94	0.88	1.03	1.68E-01	8.62E-02	8.52E-01	7.92E-01
XP_005264324.1	EML4	echinoderm microtubule-associated protein-like 4 isoform X1	1.14	0.92	1.04	1.06	7.00E-02	2.28E-02	5.92E-02	8.66E-03
NP_057110.3	RDH11	retinol dehydrogenase 11 isoform 1 precursor	1.09	0.99	1.08	1.11	1.22E-01	5.39E-02	1.27E-01	4.51E-02
NP_001273639.1	ACSL1	long-chain-fatty-acid-CoA ligase 1 isoform b	1.12	0.96	1.08	1.21	9.31E-02	3.54E-02	3.14E-01	1.90E-01
XP_011525602.1	MBOAT7	lysophospholipid acyltransferase 7 isoform X1	1.02	1.01	1.04	0.99	5.82E-01	4.72E-01	8.49E-01	7.88E-01
NP_057701.1	UFM1	ubiquitin-fold modifier 1 isoform 1 precursor	1.01	1.02	1.03	0.96	9.29E-01	8.97E-01	7.28E-01	6.33E-01
NP_001921.1	DHPS	deoxyhypusine synthase isoform a	1.09	1.06	1.16	1.13	5.04E-02	1.32E-02	2.58E-01	1.40E-01
NP_060537.3	MAP7D1	MAP7 domain-containing protein 1 isoform 1	0.95	1.04	0.98	0.99	1.22E-01	5.41E-02	9.41E-02	2.64E-02
XP_006720528.1	SIN3A	paired amphipathic helix protein Sin3a isoform X1	1.02	0.96	0.98	1.00	1.61E-01	8.08E-02	2.44E-01	1.29E-01
NP_001273554.1	RNPS1	RNA-binding protein with serine-rich domain 1 isoform a	0.92	1.02	0.94	0.93	1.58E-02	1.51E-03	3.45E-02	1.07E-03
NP_001185709.1	ARPC4	actin-related protein 2/3 complex subunit 4 isoform c	1.09	0.90	0.98	1.04	1.17E-01	5.05E-02	6.88E-02	1.28E-02
NP_004623.1	DAP3	28S ribosomal protein S29, mitochondrial isoform 1	1.01	1.01	1.02	1.05	6.12E-01	5.06E-01	9.46E-01	9.23E-01
NP_059980.2	TMED9	transmembrane emp24 domain-containing protein 9 precursor	1.13	1.03	1.16	1.04	5.67E-02	1.65E-02	1.45E-01	5.72E-02
NP_001310826.1	RMDN3	regulator of microtubule dynamics protein 3 isoform 3	1.01	0.96	0.97	1.11	7.45E-01	6.63E-01	4.67E-01	3.39E-01
NP_006132.1	DYNC1L1I2	cytoplasmic dynein 1 light intermediate chain 2 isoform 1	1.04	0.98	1.02	1.07	2.45E-02	3.40E-03	3.53E-02	1.50E-03
NP_003008.1	SRSF3	serine/arginine-rich splicing factor 3	0.79	1.00	0.79	0.91	1.87E-02	2.07E-03	4.11E-02	2.46E-03
NP_001010.2	RPS15A	40S ribosomal protein S15a	1.14	0.99	1.14	1.05	9.79E-02	3.83E-02	1.11E-01	3.51E-02
NP_001273429.1	NAE1	NEDD8-activating enzyme E1 regulatory subunit isoform d	1.10	1.02	1.12	1.08	1.96E-02	2.27E-03	2.53E-01	1.37E-01
NP_006362.1	CRTAP	cartilage-associated protein precursor	1.06	0.99	1.05	1.05	2.21E-01	1.26E-01	5.73E-01	4.57E-01
NP_036287.1	EML2	echinoderm microtubule-associated protein-like 2 isoform 2	1.14	1.00	1.14	1.07	9.65E-03	4.98E-04	3.38E-02	8.45E-04
NP_112485.1	FAHD1	acylpyruvase FAHD1, mitochondrial isoform 2	1.19	1.00	1.19	1.06	1.68E-02	1.74E-03	4.79E-02	4.27E-03
XP_005247517.1	MBNL1	muscleblind-like protein 1 isoform X1	1.12	0.90	1.01	1.11	8.36E-02	3.04E-02	8.65E-02	2.19E-02
XP_011535987.1	SPRY4	protein sprouty homolog 4 isoform X1	0.93	1.01	0.94	1.08	2.95E-03	6.35E-05	2.44E-01	1.29E-01
NP_071413.1	GOLPH3	Golgi phosphoprotein 3	1.05	0.93	0.97	1.03	4.58E-01	3.39E-01	2.78E-01	1.58E-01
NP_004121.2	GYGI	glycogenin-1 isoform 1	0.99	0.99	0.98	1.01	8.82E-01	8.35E-01	9.62E-01	9.44E-01

XP_011513776.1	BLVRA	biliverdin reductase A isoform X1	1.06	1.01	1.06	1.00	9.79E-02	3.83E-02	2.16E-01	1.08E-01
XP_006715888.1	ARPC1B	actin-related protein 2/3 complex subunit 1B isoform X1	1.10	0.98	1.07	1.06	6.48E-03	2.39E-04	3.36E-02	6.43E-04
NP_006273.1	STK4	serine/threonine-protein kinase 4 isoform 1	1.10	1.07	1.18	0.99	6.22E-02	1.91E-02	8.00E-01	7.25E-01
NP_001157616.1	CHAMP1	chromosome alignment-maintaining phosphoprotein 1	0.84	0.96	0.81	0.88	4.69E-01	3.51E-01	6.19E-01	5.06E-01
NP_002728.2	PRKCA	protein kinase C alpha type	1.08	0.91	0.98	1.00	1.64E-01	8.32E-02	8.42E-02	2.05E-02
NP_006545.1	MTX2	metaxin-2 isoform 1	0.99	0.99	0.98	1.03	6.81E-01	5.86E-01	5.63E-01	4.43E-01
NP_000867.2	IGF2R	cation-independent mannose-6-phosphate receptor precursor	0.91	1.05	0.96	1.02	1.47E-01	7.06E-02	1.19E-01	4.03E-02
XP_005263495.1	MTOR	serine/threonine-protein kinase mTOR isoform X1	1.04	0.99	1.03	1.08	1.15E-01	4.89E-02	3.86E-01	2.57E-01
XP_016875929.1	FNDC3A	fibronectin type-III domain-containing protein 3A isoform X1	1.07	0.98	1.06	1.05	2.38E-01	1.39E-01	3.28E-01	2.03E-01
NP_079106.3	LPCAT1	lysophosphatidylcholine acyltransferase 1	1.11	0.93	1.03	1.04	1.66E-02	1.69E-03	3.38E-02	7.84E-04
XP_016859146.1	CLASP1	CLIP-associating protein 1 isoform X1	1.04	0.97	1.01	1.04	1.61E-01	8.09E-02	1.17E-01	3.90E-02
NP_001340975.1	ARHGEF7	rho guanine nucleotide exchange factor 7 isoform i	1.13	0.93	1.05	1.19	5.36E-02	1.51E-02	8.22E-02	1.92E-02
NP_001305754.1	HEXA	beta-hexosaminidase subunit alpha isoform 1 precursor	1.04	1.03	1.07	1.08	7.15E-01	6.27E-01	9.35E-01	9.06E-01
NP_005995.2	UQCRH	cytochrome b-c1 complex subunit 6, mitochondrial isoform 1 precursor	0.73	1.07	0.78	0.92	1.34E-02	1.03E-03	3.53E-02	1.56E-03
NP_006546.1	YKT6	synaptobrevin homolog YKT6 isoform 1	1.11	1.02	1.14	1.05	8.82E-02	3.29E-02	1.84E-01	8.50E-02
NP_006321.1	LYPLA1	acyl-protein thioesterase 1 isoform 1	1.09	1.01	1.10	1.05	6.74E-02	2.17E-02	9.80E-02	2.83E-02
NP_005907.3	MCM7	DNA replication licensing factor MCM7 isoform 1	0.93	0.91	0.85	0.98	5.17E-02	1.41E-02	7.99E-01	7.24E-01
NP_002848.1	PEX19	peroxisomal biogenesis factor 19 isoform a	0.88	0.98	0.86	0.89	6.29E-03	2.31E-04	3.31E-02	4.20E-04
NP_004044.3	BYSL	bystin	0.94	1.03	0.97	1.07	1.38E-01	6.48E-02	1.07E-01	3.28E-02
NP_005689.2	SCAMP3	secretory carrier-associated membrane protein 3 isoform 1	1.10	1.03	1.13	1.06	9.33E-02	3.56E-02	1.76E-01	7.98E-02
NP_003655.3	AP3B1	AP-3 complex subunit beta-1 isoform 1	1.02	0.98	0.99	1.02	8.10E-02	2.89E-02	1.50E-01	6.02E-02
NP_110517.2	CTNBL1	beta-catenin-like protein 1 isoform 1	0.98	0.94	0.93	1.05	8.43E-01	7.81E-01	6.48E-01	5.40E-01
NP_001182068.2	COG4	conserved oligomeric Golgi complex subunit 4 isoform 2	1.00	0.99	0.98	1.08	8.53E-01	7.95E-01	7.69E-01	6.85E-01
NP_005792.1	EIF1	eukaryotic translation initiation factor 1	0.84	0.94	0.79	1.07	1.03E-02	5.71E-04	3.32E-01	2.06E-01
NP_004539.1	NDUFB10	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10	1.00	0.97	0.97	1.09	8.75E-01	8.25E-01	4.52E-01	3.23E-01
NP_112483.1	LAS1L	ribosomal biogenesis protein LAS1L isoform 1	1.01	0.95	0.96	1.05	5.03E-01	3.86E-01	1.33E-01	4.89E-02
XP_005269076.1	PRKAG1	5'-AMP-activated protein kinase subunit gamma-1 isoform X1	1.13	0.93	1.06	1.06	9.38E-02	3.59E-02	7.88E-02	1.74E-02
NP_079422.1	NAA50	N-alpha-acetyltransferase 50 isoform 1	1.16	0.89	1.04	1.09	1.42E-01	6.73E-02	9.94E-02	2.90E-02
NP_003680.2	AKR7A2	aflatoxin B1 aldehyde reductase member 2 isoform 1	1.10	0.94	1.04	1.02	6.70E-02	2.15E-02	1.15E-01	3.79E-02
NP_065801.1	XPO5	exportin-5	1.07	0.95	1.02	1.01	2.76E-01	1.71E-01	1.76E-01	7.93E-02
NP_001007068.1	SDCBP	syntenin-1 isoform 1	1.05	1.03	1.08	1.04	4.83E-01	3.66E-01	7.93E-01	7.16E-01
XP_011526372.1	POLR2E	DNA-directed RNA polymerases I, II, and III subunit RPABC1 isoform X1	1.04	0.97	1.01	1.08	1.30E-01	5.91E-02	4.36E-01	3.08E-01
NP_006411.2	ARFGEF2	brefeldin A-inhibited guanine nucleotide-exchange protein 2	1.09	0.93	1.01	1.06	1.37E-01	6.38E-02	8.65E-02	2.19E-02
NP_055814.1	RAB21	ras-related protein Rab-21	1.18	0.97	1.14	1.10	1.28E-02	9.39E-04	5.18E-02	5.74E-03
NP_116294.1	RBM17	splicing factor 45	1.05	0.94	0.98	1.04	1.28E-01	5.78E-02	1.08E-01	3.37E-02
NP_003267.1	TMPO	thymopoietin isoform alpha	1.20	0.84	0.99	1.15	3.97E-01	2.77E-01	2.60E-01	1.42E-01
XP_011507656.1	SRGAP2	SLIT-ROBO Rho GTPase-activating protein 2 isoform X1	1.12	1.01	1.13	1.07	6.17E-02	1.88E-02	1.62E-01	6.93E-02
NP_001275668.1	DNM1	dynammin-1 isoform 4	1.04	1.03	1.07	1.09	4.14E-01	2.94E-01	8.00E-01	7.25E-01
XP_016871905.1	KIAA1217	sickle tail protein homolog isoform X4	1.03	0.99	1.02	1.12	4.48E-01	3.28E-01	3.48E-01	2.21E-01
NP_077005.2	WDR18	WD repeat-containing protein 18 isoform 1	1.10	0.98	1.08	1.05	2.14E-01	1.20E-01	1.79E-01	8.17E-02
NP_001061.2	TUBG1	tubulin gamma-1 chain	0.98	0.99	0.97	1.00	5.52E-01	4.38E-01	8.17E-01	7.45E-01
NP_001257904.1	IST1	IST1 homolog isoform a	1.05	0.96	1.02	1.04	2.20E-01	1.24E-01	1.38E-01	5.23E-02
NP_001298127.1	AP2M1	AP-2 complex subunit mu isoform c	0.95	0.98	0.93	1.10	3.81E-01	2.62E-01	5.96E-01	4.81E-01
NP_002614.2	PFND4	prefoldin subunit 4	0.86	1.06	0.92	0.94	1.98E-01	1.08E-01	1.48E-01	5.90E-02
NP_003477.4	SLC7A5	large neutral amino acids transporter small subunit 1	1.11	1.04	1.16	1.11	4.06E-01	2.85E-01	6.06E-01	4.92E-01
XP_024307538.1	DPP9	dipeptidyl peptidase 9 isoform X3	1.12	1.02	1.15	1.04	3.66E-02	7.22E-03	8.85E-02	2.31E-02
XP_005269516.1	ATE1	arginyl-tRNA--protein transferase 1 isoform X3	1.76	0.54	0.95	1.11	4.49E-02	1.07E-02	5.35E-02	6.58E-03

NP_003581.1	CUL3	cullin-3 isoform 1	1.03	0.96	1.00	1.03	5.61E-01	4.50E-01	4.91E-01	3.64E-01
NP_055416.2	EHD2	EH domain-containing protein 2	1.40	0.78	1.08	1.08	1.37E-01	6.38E-02	1.55E-01	6.38E-02
XP_011529619.1	SEPTIN6	septin-6 isoform X1	1.12	1.02	1.14	1.06	3.02E-01	1.92E-01	4.07E-01	2.78E-01
XP_011530506.1	SNCA	alpha-synuclein isoform X1	1.02	1.00	1.02	1.13	5.22E-02	1.43E-02	4.04E-01	2.74E-01
NP_060422.4	PTCD3	pentatricopeptide repeat domain-containing protein 3, mitochondrial precursor	1.05	0.94	0.99	1.11	2.03E-01	1.13E-01	3.17E-01	1.93E-01
NP_001161066.1	CTSA	lysosomal protective protein isoform c precursor	0.91	0.97	0.88	1.09	1.08E-01	4.51E-02	3.26E-01	2.01E-01
XP_016872279.1	MRPL43	39S ribosomal protein L43, mitochondrial isoform X1	1.02	0.97	0.99	1.07	6.44E-01	5.45E-01	3.71E-01	2.42E-01
NP_006581.2	USP39	U4/U6.U5 tri-snRNP-associated protein 2 isoform 1	1.08	0.96	1.04	1.05	2.17E-01	1.22E-01	3.11E-01	1.87E-01
NP_001344607.1	LGALS3	galectin-3 isoform 3	1.00	1.04	1.04	1.00	8.55E-01	7.97E-01	2.36E-01	1.22E-01
NP_671713.1	TP53I3	quinone oxidoreductase PIG3 isoform 1	1.07	1.01	1.09	1.05	7.43E-02	2.51E-02	1.39E-01	5.34E-02
NP_064528.1	PNO1	RNA-binding protein PNO1 isoform 1	0.97	0.98	0.95	1.05	1.89E-02	2.12E-03	6.48E-01	5.39E-01
NP_001273015.1	C11orf98	uncharacterized protein C11orf98	0.95	1.00	0.95	1.01	1.30E-01	5.93E-02	2.12E-01	1.04E-01
XP_005245421.1	GATAD2B	transcriptional repressor p66-beta isoform X1	0.96	0.98	0.94	0.98	6.61E-02	2.10E-02	5.09E-01	3.84E-01
NP_009144.1	PRAF2	PRA1 family protein 2	1.10	0.97	1.06	1.04	1.43E-02	1.19E-03	3.53E-02	1.20E-03
NP_006431.2	TXNRD2	thioredoxin reductase 2, mitochondrial isoform 1 precursor	0.89	1.16	1.03	0.99	4.59E-02	1.11E-02	5.62E-02	7.27E-03
NP_060206.2	THUMPD1	THUMP domain-containing protein 1	1.04	0.99	1.03	1.03	1.88E-01	1.00E-01	3.23E-01	1.98E-01
NP_056997.1	TXNDC12	thioredoxin domain-containing protein 12 precursor	0.95	0.98	0.93	0.97	3.77E-01	2.59E-01	6.03E-01	4.88E-01
NP_001317656.1	COPS4	COP9 signalosome complex subunit 4 isoform 3	1.03	1.00	1.03	1.01	6.92E-01	5.99E-01	7.01E-01	6.01E-01
NP_054766.1	C19orf53	leydig cell tumor 10 kDa protein homolog	0.89	1.05	0.94	0.95	1.50E-01	7.32E-02	1.41E-01	5.49E-02
XP_024309124.1	CTNNB1	catenin beta-1 isoform X1	0.96	0.97	0.94	1.06	2.06E-02	2.51E-03	6.47E-01	5.38E-01
NP_954592.1	CARM1	histone-arginine methyltransferase CARM1 isoform 1	1.08	0.97	1.05	1.02	1.06E-01	4.37E-02	1.07E-01	3.32E-02
NP_005198.1	CRKL	crk-like protein	0.89	1.05	0.94	0.93	1.79E-01	9.41E-02	1.90E-01	8.94E-02
NP_068810.3	RELA	transcription factor p65 isoform 1	1.04	0.96	1.00	1.06	4.11E-01	2.91E-01	2.38E-01	1.25E-01
NP_060791.3	BRX1	ribosome biogenesis protein BRX1 homolog	1.16	0.88	1.01	1.05	2.11E-01	1.18E-01	2.30E-01	1.17E-01
NP_995319.1	GMPPA	mannose-1-phosphate guanyltransferase alpha	1.03	1.00	1.02	1.04	7.55E-01	6.75E-01	7.46E-01	6.58E-01
NP_037470.1	ALG5	dolichyl-phosphate beta-glucosyltransferase isoform 1	1.20	0.86	1.03	1.04	1.66E-02	1.66E-03	7.92E-02	1.76E-02
NP_066552.2	NDUFV2	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial precursor	0.96	0.92	0.89	1.04	2.72E-01	1.68E-01	2.87E-01	1.65E-01
NP_001274271.1	PHPT1	14 kDa phosphohistidine phosphatase isoform 4	0.81	1.15	0.93	0.93	8.49E-02	3.12E-02	7.26E-02	1.49E-02
NP_003135.2	SSR1	translocon-associated protein subunit alpha isoform 1 precursor	1.06	0.99	1.05	1.05	2.28E-01	1.31E-01	2.36E-01	1.23E-01
NP_002258.2	KPNA3	importin subunit alpha-4	1.03	0.93	0.95	1.07	5.17E-01	4.02E-01	2.16E-01	1.07E-01
NP_001243284.1	UBE2L3	ubiquitin-conjugating enzyme E2 L3 isoform 4	0.92	1.03	0.94	0.98	2.35E-01	1.36E-01	2.00E-01	9.66E-02
NP_055902.1	SPART	spartin	1.01	1.11	1.12	1.07	9.34E-01	9.05E-01	3.60E-01	2.32E-01
NP_001073331.1	DBI	acyl-CoA-binding protein isoform 3	0.92	0.99	0.91	1.12	1.79E-01	9.40E-02	2.62E-01	1.44E-01
NP_003869.1	GGH	gamma-glutamyl hydrolase precursor	0.92	1.02	0.94	1.03	1.92E-01	1.04E-01	2.90E-01	1.68E-01
XP_005260640.1	RAE1	mRNA export factor isoform X3	1.07	0.97	1.03	1.02	1.61E-01	8.08E-02	1.76E-01	8.01E-02
NP_001744.2	CAV1	caveolin-1 isoform alpha	1.15	0.99	1.14	1.09	4.78E-02	1.19E-02	7.88E-02	1.73E-02
XP_011518672.1	SLC25A22	mitochondrial glutamate carrier 1 isoform X1	1.17	0.99	1.16	1.11	5.12E-03	1.54E-04	3.31E-02	3.15E-04
XP_024307243.1	GTF2F1	general transcription factor IIF subunit 1 isoform X1	0.81	1.03	0.84	1.02	9.65E-02	3.74E-02	1.01E-01	3.00E-02
NP_071933.2	ATG3	ubiquitin-like-conjugating enzyme ATG3 isoform 1	1.07	0.97	1.04	1.09	2.36E-01	1.37E-01	1.71E-01	7.52E-02
NP_001269964.1	RTF2	replication termination factor 2 isoform a	0.70	1.02	0.72	1.05	5.66E-02	1.64E-02	9.03E-02	2.41E-02
NP_001227.1	CBR3	carbonyl reductase [NADPH] 3	1.13	1.03	1.16	1.11	9.86E-02	3.87E-02	2.46E-01	1.31E-01
NP_001352.2	DHODH	dihydroorotate dehydrogenase (quinone), mitochondrial	1.09	0.97	1.06	1.12	1.55E-01	7.61E-02	1.80E-01	8.18E-02
NP_001272.2	TBCB	tubulin-folding cofactor B isoform 1	0.94	1.04	0.97	1.03	2.54E-01	1.52E-01	1.69E-01	7.34E-02
NP_663780.2	SYNM	synemin isoform A	1.05	0.93	0.98	1.05	4.37E-01	3.17E-01	3.66E-01	2.37E-01
NP_001168.1	ARL1	ADP-ribosylation factor-like protein 1 isoform 1	0.99	0.91	0.90	0.93	9.04E-01	8.62E-01	6.30E-01	5.19E-01
NP_006351.2	EIF3M	eukaryotic translation initiation factor 3 subunit M isoform 1	1.16	0.95	1.10	1.06	1.38E-01	6.43E-02	1.13E-01	3.61E-02
NP_057678.1	FKBP11	peptidyl-prolyl cis-trans isomerase FKBP11 isoform 1 precursor	1.09	1.02	1.11	1.03	1.17E-01	5.06E-02	1.89E-01	8.89E-02

XP_005271584.1	THYN1	thymocyte nuclear protein 1 isoform X1	1.02	0.99	1.01	1.06	1.38E-01	6.44E-02	1.29E-01	4.68E-02
NP_006575.2	CCT6B	T-complex protein 1 subunit zeta-2 isoform 1	1.01	0.96	0.97	1.04	9.93E-01	9.92E-01	8.41E-01	7.77E-01
XP_011540793.1	CDK11B	cyclin-dependent kinase 11B isoform X1	1.02	0.97	0.99	1.05	4.85E-01	3.68E-01	5.24E-01	4.00E-01
NP_060654.1	ARL8B	ADP-ribosylation factor-like protein 8B	1.05	1.05	1.10	1.07	2.76E-01	1.72E-01	8.26E-01	7.55E-01
NP_003192.1	TFAM	transcription factor A, mitochondrial isoform 1 precursor	0.84	1.06	0.89	0.98	3.61E-02	7.03E-03	4.67E-02	4.01E-03
NP_036546.2	RAB3GAP2	rab3 GTPase-activating protein non-catalytic subunit	1.06	1.06	1.12	1.06	8.70E-02	3.23E-02	7.10E-01	6.10E-01
NP_004271.1	EEF1E1	eukaryotic translation elongation factor 1 epsilon-1 isoform 1	1.05	0.99	1.05	1.04	2.95E-02	4.81E-03	4.55E-02	3.76E-03
XP_011509255.1	HIBCH	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial isoform X1	1.10	1.01	1.11	1.07	5.04E-02	1.31E-02	1.73E-01	7.62E-02
XP_016885464.1	ARHGEF6	rho guanine nucleotide exchange factor 6 isoform X2	0.91	0.97	0.88	1.14	3.08E-01	1.96E-01	5.10E-01	3.86E-01
NP_009134.1	PALM2AKAP2	PALM2-AKAP2 protein isoform 3 (PALM2-AKAP2)	0.98	1.08	1.06	1.02	8.26E-02	2.99E-02	1.91E-01	9.00E-02
NP_004989.2	MYO1E	unconventional myosin-Ie	1.12	0.92	1.02	1.00	4.02E-01	2.82E-01	3.49E-01	2.22E-01
NP_055082.1	C11orf58	small acidic protein	0.71	1.11	0.78	0.83	2.89E-03	6.15E-05	5.00E-02	4.99E-03
NP_001350632.1	GSTZ1	maleylacetoacetate isomerase isoform 4	1.15	0.83	0.96	1.08	8.11E-02	2.91E-02	5.20E-02	5.81E-03
XP_011532521.1	LRRFIP2	leucine-rich repeat flightless-interacting protein 2 isoform X1	0.96	1.05	1.01	1.10	1.41E-01	6.69E-02	1.51E-01	6.06E-02
NP_036552.1	IFIT5	interferon-induced protein with tetratricopeptide repeats 5	0.99	0.97	0.97	1.07	8.64E-01	8.08E-01	5.90E-01	4.74E-01
NP_060668.2	DNAJC11	dnaJ homolog subfamily C member 11	1.04	0.99	1.02	1.03	8.02E-02	2.84E-02	2.38E-01	1.24E-01
NP_001265569.1	RANBP1	ran-specific GTPase-activating protein isoform 3	1.01	0.94	0.92	0.99	9.67E-01	9.52E-01	8.99E-01	8.55E-01
NP_001171062.1	PPP2R2A	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform isoform 2	1.05	0.97	1.02	1.06	4.78E-02	1.18E-02	3.50E-01	2.23E-01
XP_011526302.1	SLC27A1	long-chain fatty acid transport protein 1 isoform X1	1.06	0.92	0.97	1.04	8.80E-02	3.28E-02	1.79E-01	8.17E-02
NP_997227.1	SPRYD4	SPRY domain-containing protein 4	1.03	0.96	0.99	1.04	4.39E-01	3.19E-01	6.17E-01	5.04E-01
NP_001299801.1	COX20	cytochrome c oxidase assembly protein COX20, mitochondrial isoform 2	1.08	0.97	1.04	1.01	1.86E-01	9.88E-02	1.45E-01	5.68E-02
NP_858058.1	OGT	UDP-N-acetylglucosamine-peptide N-acetylglucosaminyltransferase 110 kDa subunit isoform 1	1.27	0.79	1.00	1.26	4.80E-02	1.20E-02	1.37E-01	5.19E-02
NP_005782.1	MPHOSPH10	U3 small nucleolar ribonucleoprotein protein MPP10	0.94	0.99	0.93	0.96	1.36E-02	1.06E-03	5.20E-01	3.96E-01
NP_115963.1	DPY30	protein dpy-30 homolog isoform 1	0.92	0.98	0.91	1.02	7.02E-02	2.29E-02	5.61E-01	4.40E-01
NP_001123996.1	APIM1	AP-1 complex subunit mu-1 isoform 1	0.98	1.01	0.98	1.01	3.27E-02	5.82E-03	5.68E-01	4.52E-01
NP_006003.1	CLPP	ATP-dependent Clp protease proteolytic subunit, mitochondrial precursor	1.06	0.97	1.03	1.03	1.42E-01	6.77E-02	1.06E-01	3.26E-02
NP_005138.3	DNAJA3	dnaJ homolog subfamily A member 3, mitochondrial isoform 1	1.03	1.01	1.04	1.06	2.80E-03	5.51E-05	1.84E-01	8.55E-02
XP_005245324.2	PLA2G4A	cytosolic phospholipase A2 isoform X1	1.09	0.90	0.98	0.95	2.80E-03	5.59E-05	3.31E-02	5.39E-04
NP_004860.2	VPS4B	vacuolar protein sorting-associated protein 4B	0.97	1.07	1.04	1.12	5.26E-01	4.11E-01	3.47E-01	2.20E-01
XP_011536034.1	CDK2	cyclin-dependent kinase 2 isoform X1	1.14	1.03	1.17	1.04	4.95E-02	1.28E-02	8.83E-02	2.30E-02
NP_073581.2	C16orf58	RUS1 family protein C16orf58	1.14	0.93	1.06	1.03	1.33E-01	6.09E-02	9.87E-02	2.86E-02
NP_115717.3	DDI2	protein DDI1 homolog 2	1.07	0.96	1.03	0.98	1.27E-02	9.14E-04	9.48E-02	2.69E-02
NP_075066.1	MRPL44	39S ribosomal protein L44, mitochondrial	1.00	0.93	0.93	1.00	9.69E-01	9.54E-01	4.63E-01	3.35E-01
NP_112486.1	QTRT1	queuine tRNA-ribosyltransferase catalytic subunit 1	1.07	0.94	1.01	1.04	2.50E-01	1.49E-01	1.49E-01	6.00E-02
NP_003696.2	SLC25A12	calcium-binding mitochondrial carrier protein Aralar1	1.16	0.81	0.94	1.03	2.25E-03	3.35E-05	1.80E-02	4.80E-05
XP_005269109.1	RAB5B	ras-related protein Rab-5B isoform X1	1.27	1.05	1.32	1.08	4.75E-01	3.58E-01	5.74E-01	4.58E-01
NP_055186.3	AKAP8L	A-kinase anchor protein 8-like isoform 1	1.07	0.89	0.95	1.05	3.56E-01	2.39E-01	2.51E-01	1.35E-01
NP_001304160.1	MTCH2	mitochondrial carrier homolog 2 isoform 1x	1.03	1.00	1.02	1.00	3.05E-01	1.94E-01	2.93E-01	1.72E-01
NP_001020374.1	U2AF1	splicing factor U2AF 35 kDa subunit isoform b	1.00	0.97	0.97	1.09	7.68E-01	6.89E-01	2.93E-01	1.72E-01
NP_001355167.1	LOC102724159	periodic tryptophan protein 2 homolog	1.01	1.02	1.03	1.03	5.32E-01	4.17E-01	7.44E-01	6.55E-01
XP_006718732.1	SPTBN2	spectrin beta chain, non-erythrocytic 2 isoform X1	0.87	1.07	0.92	0.85	4.22E-01	3.03E-01	4.42E-01	3.13E-01
NP_115729.1	VPS25	vacuolar protein-sorting-associated protein 25	0.98	1.05	1.03	1.06	1.17E-01	5.02E-02	2.68E-01	1.49E-01
NP_006223.2	POLR2H	DNA-directed RNA polymerases I, II, and III subunit RPABC3 isoform 2	1.16	0.86	0.99	1.07	7.77E-02	2.69E-02	1.05E-01	3.21E-02
XP_024306666.1	STAT5B	signal transducer and activator of transcription 5B isoform X1	1.03	0.95	0.98	1.10	5.53E-01	4.40E-01	3.14E-01	1.90E-01
NP_006288.2	XRCC1	DNA repair protein XRCC1	1.00	1.00	1.00	1.04	9.57E-01	9.39E-01	9.95E-01	9.93E-01
NP_001112.2	ADD3	gamma-adducin isoform b	1.04	0.90	0.93	1.04	5.46E-01	4.32E-01	4.13E-01	2.85E-01
XP_006711821.1	AHCTF1	protein ELYS isoform X1	0.92	1.03	0.95	0.96	4.52E-03	1.24E-04	1.80E-02	6.68E-05

XP_016869748.1	PLIN2	perilipin-2 isoform X1	0.86	0.95	0.82	1.05	1.33E-01	6.12E-02	3.24E-01	1.99E-01
NP_004715.1	ZW10	centromere/kinetochore protein zw10 homolog	1.09	0.95	1.04	1.11	6.92E-01	6.00E-01	5.73E-01	4.56E-01
NP_061989.2	UBFD1	ubiquitin domain-containing protein UBFD1	0.90	1.03	0.93	0.93	9.72E-02	3.78E-02	9.02E-02	2.40E-02
NP_001120664.1	CNBP	cellular nucleic acid-binding protein isoform 1	0.65	0.98	0.64	0.77	2.20E-03	3.16E-05	3.53E-02	1.57E-03
NP_002619.1	PFN2	profilin-2 isoform b	0.83	1.21	1.00	0.95	1.34E-01	6.17E-02	7.92E-02	1.76E-02
NP_005720.1	PPIF	peptidyl-prolyl cis-trans isomerase F, mitochondrial precursor	0.96	1.03	0.99	1.03	2.22E-01	1.27E-01	2.52E-01	1.36E-01
NP_004587.1	SNRPA	U1 small nuclear ribonucleoprotein A	1.02	0.99	1.01	0.95	4.44E-01	3.24E-01	3.84E-01	2.55E-01
NP_057381.3	PCYOX1	prenylcysteine oxidase 1 precursor	1.17	0.88	1.03	1.09	3.39E-02	6.37E-03	1.08E-01	3.36E-02
NP_110382.3	TMX1	thioredoxin-related transmembrane protein 1 precursor	1.11	0.98	1.08	1.01	3.19E-02	5.55E-03	4.55E-02	3.63E-03
NP_803173.1	STX12	syntaxin-12	1.00	1.02	1.02	1.06	9.56E-02	3.69E-02	9.24E-01	8.92E-01
NP_000989.1	RPL37A	60S ribosomal protein L37a	1.15	0.85	0.98	1.02	8.80E-02	3.28E-02	7.81E-02	1.68E-02
NP_001070667.1	SREK1	splicing regulatory glutamine/lysine-rich protein 1 isoform a	0.95	1.04	0.98	0.96	5.21E-01	4.06E-01	3.70E-01	2.42E-01
NP_066553.3	NDUFV3	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial isoform a precursor	0.97	0.96	0.93	1.09	7.94E-02	2.78E-02	7.93E-01	7.16E-01
NP_000929.1	POLR2B	DNA-directed RNA polymerase II subunit RPB2 isoform 1	0.89	1.02	0.90	0.98	1.36E-02	1.08E-03	3.53E-02	1.62E-03
XP_016866767.1	BAG6	large proline-rich protein BAG6 isoform X1	1.12	1.02	1.15	1.31	2.89E-01	1.82E-01	4.76E-01	3.49E-01
XP_024309834.1	FDPS	farnesyl pyrophosphate synthase isoform X1	1.07	0.97	1.04	1.09	1.42E-01	6.75E-02	1.39E-01	5.34E-02
NP_076997.1	TMEM109	transmembrane protein 109 precursor	1.13	0.96	1.08	1.01	5.17E-02	1.41E-02	7.39E-02	1.53E-02
NP_001171485.1	PCCB	propionyl-CoA carboxylase beta chain, mitochondrial isoform 2 precursor	1.05	1.01	1.06	1.05	3.35E-01	2.20E-01	4.41E-01	3.13E-01
NP_005505.2	HLA-B	major histocompatibility complex, class I, B precursor	0.90	1.03	0.92	0.96	2.52E-01	1.51E-01	3.58E-01	2.30E-01
NP_055680.3	NCAPD2	condensin complex subunit 1	0.98	0.91	0.89	1.03	8.06E-01	7.36E-01	5.68E-01	4.50E-01
XP_005278336.1	CNOT3	CCR4-NOT transcription complex subunit 3 isoform X1	0.95	0.95	0.90	0.98	3.80E-01	2.61E-01	9.27E-01	8.97E-01
NP_004028.4	AMPD2	AMP deaminase 2 isoform 1	1.13	1.01	1.14	1.06	1.14E-01	4.86E-02	3.65E-01	2.36E-01
NP_003085.1	SNRPE	small nuclear ribonucleoprotein E isoform 1	1.20	0.80	0.96	1.03	1.17E-01	5.02E-02	7.88E-02	1.74E-02
XP_024306664.1	STAT3	signal transducer and activator of transcription 3 isoform X5	1.00	1.01	1.02	1.09	1.95E-01	1.05E-01	9.45E-01	9.21E-01
NP_001272998.1	C11orf54	ester hydrolase C11orf54 isoform a	1.06	0.94	0.99	1.06	5.03E-01	3.85E-01	2.47E-01	1.32E-01
NP_003653.1	PIR	pirin	1.10	1.06	1.17	1.31	8.61E-03	4.07E-04	4.37E-02	2.96E-03
NP_006285.1	UQCRB	cytochrome b-c1 complex subunit 7 isoform 1	0.99	1.00	0.99	1.09	7.12E-01	6.23E-01	6.59E-01	5.53E-01
NP_892017.2	IRF2BP2	interferon regulatory factor 2-binding protein 2 isoform A	0.88	0.91	0.80	0.98	1.33E-01	6.13E-02	8.12E-01	7.39E-01
NP_009200.2	STXBP3	syntaxin-binding protein 3	1.03	0.98	1.00	0.99	8.66E-01	8.11E-01	7.53E-01	6.67E-01
XP_016874257.1	OSBPL8	oxysterol-binding protein-related protein 8 isoform X4	1.09	1.08	1.18	1.02	1.79E-01	9.39E-02	7.31E-01	6.37E-01
XP_016868596.1	LRATD2	protein LRATD2 isoform X1	0.98	0.99	0.96	1.00	7.16E-01	6.28E-01	8.50E-01	7.90E-01
XP_016874546.1	ERC1	ELKS/Rab6-interacting/CAST family member 1 isoform X2	0.84	1.02	0.86	0.98	1.11E-01	4.69E-02	1.18E-01	3.97E-02
NP_079330.2	VCIPI1	deubiquitinating protein VCIPI135	1.03	1.10	1.14	1.08	3.32E-01	2.17E-01	3.47E-01	2.20E-01
NP_001269079.1	VPS29	vacuolar protein sorting-associated protein 29 isoform 3	1.04	0.97	1.00	1.08	4.83E-02	1.22E-02	1.55E-01	6.37E-02
NP_443082.2	GADD45GIP1	growth arrest and DNA damage-inducible proteins-interacting protein 1	1.01	0.96	0.96	1.03	9.50E-01	9.29E-01	5.43E-01	4.22E-01
XP_006720960.1	NDE1	nuclear distribution protein nudE homolog 1 isoform X5	0.96	1.01	0.96	1.16	3.21E-01	2.08E-01	4.07E-01	2.78E-01
NP_001327.2	CTSZ	cathepsin Z	0.92	1.03	0.95	0.96	3.25E-02	5.73E-03	4.79E-02	4.32E-03
NP_001403.1	EIF1AX	eukaryotic translation initiation factor 1A, X-chromosomal	0.99	0.96	0.95	1.00	7.09E-01	6.20E-01	5.68E-01	4.50E-01
XP_005263436.1	SEC24D	protein transport protein Sec24D isoform X1	1.25	0.76	0.95	1.29	2.61E-01	1.58E-01	1.53E-01	6.23E-02
XP_006718110.1	GBF1	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1 isoform X1	0.98	1.10	1.08	1.09	7.37E-01	6.52E-01	2.00E-01	9.65E-02
NP_006448.5	PDLIM5	PDZ and LIM domain protein 5 isoform a	1.00	1.00	1.00	1.10	9.91E-01	9.87E-01	9.94E-01	9.91E-01
XP_011536932.2	TRPV4	transient receptor potential cation channel subfamily V member 4 isoform X1	1.02	1.01	1.03	1.05	4.19E-01	2.99E-01	6.88E-01	5.86E-01
NP_060830.2	TXLNG	gamma-taxilin isoform 1	0.97	0.97	0.94	1.07	4.97E-01	3.79E-01	9.50E-01	9.28E-01
NP_001317211.1	MZT2B	mitotic-spindle organizing protein 2B isoform 1	1.08	0.85	0.92	1.09	9.10E-02	3.44E-02	4.79E-02	4.29E-03
NP_005726.1	ACTR1B	beta-centractin	1.02	1.00	1.03	1.08	3.89E-02	8.14E-03	4.11E-01	2.83E-01
NP_001013685.1	PTRHD1	putative peptidyl-tRNA hydrolase PTRHD1	0.99	1.00	0.99	1.04	4.62E-01	3.44E-01	7.17E-01	6.19E-01
NP_963906.1	IKBP1	inhibitor of nuclear factor kappa-B kinase-interacting protein isoform 2	1.03	0.96	0.99	1.09	8.30E-01	7.65E-01	5.90E-01	4.75E-01

NP_001073884.1	U2SURP	U2 snRNP-associated SURP motif-containing protein isoform 1	1.00	1.00	0.99	1.12	9.36E-01	9.08E-01	9.30E-01	9.00E-01
XP_016867165.1	GNPMB	transmembrane glycoprotein NMB isoform X1	0.84	1.17	0.98	1.21	4.34E-02	1.00E-02	4.79E-02	4.27E-03
XP_011511944.1	LIMCH1	LIM and calponin homology domains-containing protein 1 isoform X1	1.09	0.98	1.06	1.22	7.06E-02	2.31E-02	2.60E-01	1.42E-01
NP_001686.1	ATP6V1C1	V-type proton ATPase subunit C 1	1.11	1.04	1.15	1.12	1.61E-01	8.11E-02	2.82E-01	1.61E-01
NP_055701.1	NSA2	ribosome biogenesis protein NSA2 homolog isoform 1	0.90	1.02	0.92	1.02	3.58E-02	6.93E-03	4.93E-02	4.67E-03
NP_690866.1	TIPRL	TIP41-like protein isoform 1	0.96	1.02	0.98	1.11	5.92E-01	4.83E-01	4.76E-01	3.49E-01
XP_005266132.1	DPP7	dipeptidyl peptidase 2 isoform X1	1.07	0.93	1.00	1.06	4.83E-02	1.22E-02	6.66E-02	1.17E-02
NP_006224.1	POLR21	DNA-directed RNA polymerase II subunit RPB9	0.82	0.99	0.81	0.96	5.39E-03	1.73E-04	6.13E-02	9.54E-03
NP_001265557.1	CRNKL1	crooked neck-like protein 1 isoform d	0.95	0.93	0.89	1.06	3.25E-01	2.12E-01	5.68E-01	4.51E-01
NP_001910.2	EC1I	enoyl-CoA delta isomerase 1, mitochondrial isoform 1 precursor	1.10	0.95	1.04	1.03	1.71E-02	1.79E-03	3.45E-02	9.74E-04
NP_006507.2	SLC2A1	solute carrier family 2, facilitated glucose transporter member 1	1.18	1.09	1.28	1.17	5.07E-02	1.34E-02	1.40E-01	5.37E-02
NP_061854.1	DNAJC10	dnaJ homolog subfamily C member 10 isoform 1 precursor	1.10	0.98	1.07	1.05	2.13E-01	1.19E-01	3.22E-01	1.97E-01
NP_057159.2	VPS36	vacuolar protein-sorting-associated protein 36 isoform 1	1.14	0.93	1.05	1.05	1.71E-01	8.81E-02	1.20E-01	4.05E-02
NP_001305771.1	CNPY3	protein canopy homolog 3 isoform 3 precursor	0.97	1.00	0.97	1.04	2.69E-02	4.08E-03	1.33E-01	4.91E-02
NP_001153173.1	FHL1	four and a half LIM domains protein 1 isoform 3 precursor	1.78	1.33	2.40	1.30	1.44E-01	6.86E-02	3.73E-01	2.46E-01
NP_001002800.1	SMC4	structural maintenance of chromosomes protein 4 isoform 1	0.93	1.01	0.94	1.01	5.70E-01	4.59E-01	5.60E-01	4.38E-01
NP_001825.1	CLTB	clathrin light chain B isoform a	0.80	1.06	0.84	0.96	3.94E-03	9.31E-05	3.95E-02	2.27E-03
NP_116315.1	TCEAL3	transcription elongation factor A protein-like 3	0.80	1.04	0.83	1.00	4.14E-02	9.11E-03	5.35E-02	6.64E-03
NP_003341.1	UBE2V2	ubiquitin-conjugating enzyme E2 variant 2	1.02	0.99	1.01	1.09	4.32E-02	9.92E-03	1.23E-01	4.24E-02
NP_005882.2	ACAT2	acetyl-CoA acetyltransferase, cytosolic isoform 1	1.07	1.07	1.14	1.02	6.50E-02	2.05E-02	9.79E-01	9.68E-01
NP_002094.2	GYS1	glycogen [starch] synthase, muscle isoform 1	0.97	1.03	1.00	1.03	5.12E-03	1.55E-04	4.04E-01	2.74E-01
NP_057017.1	TMA7	translation machinery-associated protein 7 isoform 1	0.69	1.12	0.78	0.98	1.22E-02	8.54E-04	3.33E-02	6.17E-04
XP_011517549.1	SEC16A	protein transport protein Sec16A isoform X1	0.96	0.96	0.91	1.06	3.62E-01	2.45E-01	9.84E-01	9.78E-01
NP_001243339.1	RAB18	ras-related protein Rab-18 isoform 2	1.10	1.06	1.16	1.02	1.17E-02	7.76E-04	1.69E-01	7.36E-02
NP_055100.2	EXOSC2	exosome complex component RRP4 isoform 1	1.12	0.93	1.04	1.07	4.91E-01	3.73E-01	3.20E-01	1.95E-01
NP_116185.2	SYAP1	synapse-associated protein 1	0.89	1.06	0.95	0.97	2.50E-01	1.49E-01	1.68E-01	7.27E-02
NP_001340027.1	PRPSAP2	phosphoribosyl pyrophosphate synthase-associated protein 2 isoform 6	1.16	0.98	1.13	1.08	2.65E-01	1.62E-01	2.77E-01	1.57E-01
XP_006715770.1	BZW2	basic leucine zipper and W2 domain-containing protein 2 isoform X1	1.05	0.98	1.03	1.03	3.97E-01	2.77E-01	2.93E-01	1.71E-01
NP_000301.1	PPT1	palmitoyl-protein thioesterase 1 isoform 1 precursor	0.86	0.97	0.83	0.99	2.80E-03	5.22E-05	1.48E-01	5.92E-02
NP_001907.3	CYC1	cytochrome c1, heme protein, mitochondrial precursor	1.02	0.98	1.00	0.99	5.38E-01	4.23E-01	3.24E-01	1.99E-01
NP_001354490.1	DOCK7	dedicator of cytokinesis protein 7 isoform 7	1.11	0.90	1.00	1.09	1.86E-01	9.92E-02	1.02E-01	3.03E-02
NP_059122.2	NUP54	nucleoporin p54 isoform 1	1.10	0.93	1.02	1.00	1.58E-01	7.83E-02	1.02E-01	3.03E-02
NP_001805.4	CTSC	dipeptidyl peptidase 1 isoform a	0.98	0.99	0.96	1.20	3.40E-01	2.25E-01	7.35E-01	6.44E-01
NP_004879.1	ATP6V1G1	V-type proton ATPase subunit G 1	0.97	1.07	1.04	1.22	2.79E-01	1.74E-01	1.27E-01	4.52E-02
NP_060377.1	LAMTOR1	regulator complex protein LAMTOR1	0.98	1.03	1.02	1.04	5.17E-02	1.41E-02	3.53E-02	1.68E-03
XP_016874289.1	GTSF1	gametocyte-specific factor 1 isoform X1	0.81	1.05	0.86	1.01	1.66E-01	8.44E-02	1.49E-01	5.96E-02
NP_005461.2	ABI1	abl interactor 1 isoform a	1.06	0.98	1.04	1.08	2.41E-02	3.28E-03	3.76E-02	2.07E-03
NP_001035526.1	YARS2	tyrosine--tRNA ligase, mitochondrial precursor	1.07	1.00	1.07	1.03	1.22E-01	5.41E-02	2.63E-01	1.44E-01
NP_079510.1	WDR61	WD repeat-containing protein 61 isoform a	1.03	0.93	0.95	1.07	5.14E-01	3.98E-01	1.72E-01	7.60E-02
NP_996896.1	ELOB	elongin-B isoform b	1.05	0.94	0.98	1.07	6.35E-02	1.98E-02	4.55E-02	3.71E-03
YP_003024029.1	COX2	cytochrome c oxidase subunit II (mitochondrion)	1.06	0.96	1.02	1.01	4.59E-02	1.11E-02	8.32E-02	1.98E-02
NP_071334.1	EGLN1	egl nine homolog 1	0.92	1.00	0.92	1.03	7.57E-03	3.21E-04	4.87E-02	4.52E-03
XP_005264696.2	HNRNPLL	heterogeneous nuclear ribonucleoprotein L-like isoform X1	1.15	0.99	1.14	1.10	5.14E-01	3.99E-01	5.00E-01	3.74E-01
NP_056525.2	NOP53	ribosome biogenesis protein NOP53	0.77	1.05	0.81	1.00	5.32E-02	1.47E-02	6.35E-02	1.04E-02
NP_004690.1	FAM50A	protein FAM50A	0.99	1.02	1.01	1.05	7.89E-01	7.16E-01	5.74E-01	4.57E-01
NP_066272.1	PDLIM1	PDZ and LIM domain protein 1	1.08	0.97	1.04	1.17	4.37E-01	3.17E-01	3.23E-01	1.98E-01
NP_057479.2	HACD3	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	1.20	0.85	1.03	1.05	6.05E-02	1.83E-02	5.23E-02	5.94E-03

NP_852118.2	GCC2	GRIP and coiled-coil domain-containing protein 2	0.88	0.99	0.87	1.04	4.07E-01	2.86E-01	4.87E-01	3.60E-01
XP_005245506.1	SHC1	SHC-transforming protein 1 isoform X1	1.07	0.95	1.01	1.06	1.07E-01	4.40E-02	1.63E-01	7.01E-02
NP_001295126.1	SSR3	translocon-associated protein subunit gamma isoform 1	1.11	0.98	1.09	1.05	1.57E-01	7.77E-02	1.56E-01	6.50E-02
XP_005261252.2	PDXK	pyridoxal kinase isoform X1	1.01	0.95	0.96	1.04	6.96E-01	6.05E-01	2.10E-01	1.03E-01
NP_001317.1	CSTF3	cleavage stimulation factor subunit 3 isoform 1	1.09	0.94	1.03	1.04	5.10E-02	1.37E-02	5.00E-02	4.88E-03
NP_078986.1	ISOC2	isochorismatase domain-containing protein 2 isoform 2	1.05	0.95	1.00	1.24	3.72E-01	2.54E-01	2.65E-01	1.46E-01
NP_001269951.1	GMPR2	GMP reductase 2 isoform 4	1.05	0.99	1.04	1.04	4.49E-01	3.29E-01	4.02E-01	2.72E-01
NP_002786.2	PSMB3	proteasome subunit beta type-3	1.03	0.91	0.94	0.94	5.97E-01	4.89E-01	2.38E-01	1.25E-01
NP_005917.2	MFAP1	microfibrillar-associated protein 1	1.65	0.52	0.84	0.96	9.80E-02	3.84E-02	8.51E-02	2.11E-02
NP_036548.1	RANBP6	ran-binding protein 6 isoform 1	0.97	0.95	0.92	1.09	3.05E-02	5.07E-03	1.54E-01	6.27E-02
NP_054884.1	NDUFAF4	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4	1.07	1.01	1.08	1.07	4.60E-02	1.12E-02	1.20E-01	4.08E-02
NP_001017928.1	CCDC58	coiled-coil domain-containing protein 58 isoform 1	1.01	1.04	1.06	1.06	6.45E-01	5.47E-01	7.85E-01	7.05E-01
NP_060297.1	SARS2	serine--tRNA ligase, mitochondrial isoform b precursor	1.04	0.98	1.02	1.02	6.36E-01	5.34E-01	7.25E-01	6.29E-01
NP_001093326.2	IKBKG	NF-kappa-B essential modulator isoform b	0.93	0.99	0.91	1.05	2.74E-01	1.71E-01	5.43E-01	4.21E-01
NP_001022.1	RPS28	40S ribosomal protein S28	0.95	1.00	0.95	1.06	3.13E-01	2.02E-01	3.29E-01	2.04E-01
NP_004572.3	RABGGTA	geranylgeranyl transferase type-2 subunit alpha	1.05	0.94	0.98	1.14	6.56E-01	5.58E-01	3.69E-01	2.40E-01
NP_005871.1	DNAJA2	dnaJ homolog subfamily A member 2	1.02	1.00	1.02	1.08	3.43E-01	2.27E-01	5.28E-01	4.05E-01
NP_001092281.1	SEPTIN8	septin-8 isoform a	1.16	1.03	1.21	1.04	4.91E-01	3.73E-01	6.94E-01	5.92E-01
NP_620150.1	ARL8A	ADP-ribosylation factor-like protein 8A isoform 1	1.08	1.01	1.08	1.05	2.49E-01	1.48E-01	4.20E-01	2.92E-01
NP_001191455.1	SSR4	translocon-associated protein subunit delta isoform 1 precursor	1.07	0.97	1.04	1.02	3.79E-02	7.73E-03	4.67E-02	4.00E-03
NP_001269625.1	FAM107B	protein FAM107B isoform a	0.79	0.99	0.78	0.78	3.02E-01	1.93E-01	3.70E-01	2.42E-01
NP_061832.2	DAZAP1	DAZ-associated protein 1 isoform b	0.94	0.93	0.87	0.96	5.09E-02	1.36E-02	7.90E-01	7.12E-01
NP_055567.2	SPCS2	signal peptidase complex subunit 2	1.05	0.97	1.02	1.06	3.34E-01	2.19E-01	2.24E-01	1.13E-01
NP_057111.1	LACTB2	endoribonuclease LACTB2	1.01	1.04	1.05	1.04	9.32E-01	9.02E-01	8.28E-01	7.58E-01
NP_777568.1	CCDC50	coiled-coil domain-containing protein 50 short isoform	0.77	1.01	0.78	0.95	1.23E-01	5.51E-02	1.93E-01	9.17E-02
NP_002361.1	MAGOH	protein mago nashi homolog	0.97	1.03	1.00	0.94	5.10E-01	3.93E-01	4.47E-01	3.18E-01
NP_005442.2	PDLIM7	PDZ and LIM domain protein 7 isoform 1	1.08	1.01	1.09	1.03	9.91E-02	3.92E-02	2.09E-01	1.02E-01
NP_001139686.1	TBC1D15	TBC1 domain family member 15 isoform 2	1.04	0.98	1.02	1.01	4.49E-01	3.30E-01	3.26E-01	2.01E-01
NP_005906.2	MCM6	DNA replication licensing factor MCM6	0.86	0.92	0.80	1.01	1.54E-01	7.53E-02	4.05E-01	2.75E-01
NP_001687.1	ATP6V1E1	V-type proton ATPase subunit E 1 isoform a	1.05	1.03	1.08	1.11	9.68E-02	3.76E-02	4.76E-01	3.49E-01
NP_062535.2	YLPM1	YLP motif-containing protein 1	0.97	1.08	1.05	1.07	5.97E-01	4.91E-01	2.42E-01	1.28E-01
NP_002516.2	NRDC	nardilysin isoform a	0.88	1.04	0.91	1.00	3.70E-02	7.45E-03	1.38E-01	5.24E-02
NP_003091.2	SNX2	sorting nexin-2 isoform 1	1.07	1.03	1.10	1.08	9.72E-02	3.78E-02	2.19E-01	1.09E-01
XP_005256774.1	NCBP3	nuclear cap-binding protein subunit 3 isoform X1	0.91	1.04	0.94	1.07	3.39E-02	6.26E-03	1.76E-01	7.92E-02
NP_006215.1	PITPNA	phosphatidylinositol transfer protein alpha isoform	0.95	1.07	1.01	1.05	6.11E-01	5.05E-01	5.27E-01	4.05E-01
NP_001104792.1	DDX54	ATP-dependent RNA helicase DDX54 isoform 1	0.98	1.05	1.03	0.95	8.61E-01	8.05E-01	5.88E-01	4.72E-01
NP_057591.2	CDK12	cyclin-dependent kinase 12 isoform 1	1.03	0.98	1.01	1.02	6.42E-01	5.42E-01	4.82E-01	3.55E-01
NP_002487.1	NDUFS8	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial precursor	1.09	0.94	1.02	1.07	3.91E-02	8.33E-03	4.55E-02	3.72E-03
NP_001354491.1	POR	NADPH--cytochrome P450 reductase	1.09	1.07	1.15	0.99	5.34E-01	4.19E-01	9.16E-01	8.77E-01
NP_036602.1	TNPO3	transportin-3 isoform 1	1.16	0.90	1.04	1.07	1.03E-01	4.19E-02	1.69E-01	7.36E-02
NP_789845.1	PPA2	inorganic pyrophosphatase 2, mitochondrial isoform 1 precursor	1.17	0.86	1.00	1.05	3.51E-01	2.34E-01	2.68E-01	1.50E-01
XP_024305248.1	CRIP2	cysteine-rich protein 2 isoform X1	0.87	0.98	0.86	0.96	8.45E-02	3.10E-02	1.22E-01	4.21E-02
NP_060517.1	RBM22	pre-mRNA-splicing factor RBM22	1.20	0.83	0.99	1.06	2.74E-01	1.70E-01	1.58E-01	6.60E-02
XP_006722179.1	COASY	bifunctional coenzyme A synthase isoform X2	0.99	1.02	1.01	1.01	8.50E-01	7.90E-01	6.80E-01	5.77E-01
NP_057483.1	TRIAP1	TP53-regulated inhibitor of apoptosis 1	0.97	0.93	0.90	1.07	5.53E-01	4.40E-01	7.67E-01	6.83E-01
NP_149061.1	HDHD5	haloacid dehalogenase-like hydrolase domain-containing 5 isoform 2 precursor	1.02	0.94	0.96	1.15	3.43E-01	2.27E-01	5.03E-01	3.78E-01
NP_057107.4	OTUD6B	deubiquitinase OTUD6B isoform 1	1.00	1.02	1.01	1.03	9.41E-01	9.15E-01	8.16E-01	7.44E-01

XP_024304005.1	ATP5MD	ATP synthase membrane subunit DAPIT, mitochondrial isoform X1	0.89	1.06	0.95	0.93	8.91E-02	3.35E-02	9.00E-02	2.38E-02
NP_060309.2	LPCAT2	lysophosphatidylcholine acyltransferase 2	1.10	0.99	1.09	1.04	2.70E-01	1.66E-01	2.84E-01	1.62E-01
NP_955368.1	FAHD2B	fumarylacetoacetate hydrolase domain-containing protein 2B isoform a	1.02	1.04	1.07	1.04	5.85E-01	4.76E-01	6.91E-01	5.89E-01
NP_060014.3	NKRF	NF-kappa-B-repressing factor	1.12	0.96	1.07	1.08	9.91E-02	3.91E-02	8.53E-02	2.12E-02
NP_001342336.1	NUDT4B	diphosphoinositol polyphosphate phosphohydrolase NUDT4B	1.08	0.94	1.02	0.93	1.54E-01	7.58E-02	1.11E-01	3.49E-02
NP_006322.4	EMG1	ribosomal RNA small subunit methyltransferase NEP1 isoform 1	0.98	0.92	0.91	1.02	5.57E-01	4.46E-01	2.79E-01	1.58E-01
NP_001346123.1	HLA-DRB1	major histocompatibility complex, class II, DR beta 1 precursor	0.94	0.98	0.92	1.04	2.18E-01	1.23E-01	3.35E-01	2.09E-01
NP_543010.3	DTD1	D-aminoacyl-tRNA deacylase 1 isoform 2	1.05	0.99	1.04	1.08	3.11E-01	1.99E-01	3.57E-01	2.29E-01
NP_001317531.1	MRPL37	39S ribosomal protein L37, mitochondrial isoform 1	0.95	0.99	0.94	1.00	5.15E-02	1.40E-02	3.13E-01	1.89E-01
NP_036392.2	HACL1	2-hydroxyacyl-CoA lyase 1 isoform a	1.17	1.02	1.20	1.02	2.55E-02	3.64E-03	8.83E-02	2.30E-02
NP_775873.2	DIP2B	disco-interacting protein 2 homolog B	1.08	0.96	1.04	1.04	3.89E-02	8.22E-03	1.70E-01	7.47E-02
NP_001929.1	DR1	protein Dr1	0.91	0.99	0.89	0.98	7.56E-02	2.60E-02	1.20E-01	4.05E-02
XP_024304405.1	DPF2	zinc finger protein ubi-d4 isoform X1	0.97	0.94	0.91	1.15	6.38E-01	5.37E-01	7.53E-01	6.67E-01
XP_011527207.1	ACSS2	acetyl-coenzyme A synthetase, cytoplasmic isoform X1	0.99	1.01	1.00	1.20	6.36E-01	5.33E-01	4.32E-01	3.04E-01
XP_011535262.1	ACTR10	actin-related protein 10 isoform X1	0.98	1.35	1.25	0.98	9.09E-01	8.70E-01	6.47E-01	5.39E-01
NP_115866.1	MRPL41	39S ribosomal protein L41, mitochondrial	0.92	0.96	0.88	1.01	2.45E-01	1.45E-01	7.33E-01	6.42E-01
NP_036453.1	LSM4	U6 snRNA-associated Sm-like protein LSM4 isoform 1	1.03	1.10	1.13	0.99	8.89E-01	8.45E-01	7.17E-01	6.19E-01
NP_150597.1	MRPS36	28S ribosomal protein S36, mitochondrial	1.04	0.99	1.03	1.14	1.18E-01	5.13E-02	1.06E-01	3.23E-02
NP_001308287.1	NRBP1	nuclear receptor-binding protein isoform 2	1.30	0.82	1.05	1.05	4.45E-01	3.26E-01	2.75E-01	1.55E-01
NP_060481.3	ARGLU1	arginine and glutamate-rich protein 1	0.96	1.01	0.97	1.07	1.94E-01	1.05E-01	1.67E-01	7.21E-02
NP_001353173.1	GOLGA2	golgin subfamily A member 2 isoform 1	0.94	1.02	0.96	1.02	4.11E-01	2.90E-01	3.38E-01	2.12E-01
NP_001165462.1	HCCS	cytochrome c-type heme lyase	0.94	0.92	0.87	0.98	2.24E-02	2.86E-03	7.35E-01	6.44E-01
NP_064709.2	CIAPIN1	anamorsin isoform 1	0.92	0.99	0.92	1.03	1.97E-02	2.30E-03	4.43E-02	3.21E-03
NP_004556.1	PEX14	peroxisomal membrane protein PEX14	0.96	1.14	1.09	0.99	1.19E-01	5.19E-02	6.65E-02	1.15E-02
NP_001276990.1	SEMA3B	semaphorin-3B isoform 3 precursor	0.98	1.07	1.05	1.10	1.95E-01	1.06E-01	5.97E-02	8.94E-03
NP_009027.1	CLTA	clathrin light chain A isoform b	0.77	1.08	0.83	0.87	2.02E-02	2.43E-03	3.62E-02	1.83E-03
NP_001359503.1	ATXN2	ataxin-2 isoform 4	0.98	1.02	1.00	1.02	7.66E-01	6.86E-01	5.71E-01	4.55E-01
NP_115879.2	GON7	EKC/KEOPS complex subunit GON7	0.87	0.94	0.82	1.05	4.82E-01	3.64E-01	6.99E-01	5.98E-01
XP_024307011.1	YES1	tyrosine-protein kinase Yes isoform X1	1.09	0.93	1.01	1.00	1.96E-01	1.06E-01	2.46E-01	1.30E-01
NP_001291416.1	TIMM9	mitochondrial import inner membrane translocase subunit Tim9 isoform a	1.09	0.90	0.99	1.16	2.54E-01	1.52E-01	2.03E-01	9.85E-02
NP_055422.1	UBXN4	UBX domain-containing protein 4	1.05	0.98	1.03	1.07	2.55E-01	1.53E-01	2.66E-01	1.48E-01
NP_055819.2	EXOSC7	exosome complex component RRP42	1.02	0.95	0.97	1.08	6.28E-01	5.24E-01	2.93E-01	1.72E-01
XP_005247023.1	PPIG	peptidyl-prolyl cis-trans isomerase G isoform X1	0.89	1.03	0.91	0.99	9.58E-02	3.71E-02	9.92E-02	2.88E-02
NP_116258.2	NUDCD1	nudC domain-containing protein 1 isoform 1	1.05	1.03	1.08	1.14	7.07E-02	2.32E-02	7.75E-01	6.92E-01
NP_001137467.1	LPXN	leupaxin isoform 1	0.95	0.98	0.94	0.94	5.31E-01	4.16E-01	6.78E-01	5.74E-01
XP_016872593.1	CELF1	CUGBP Elav-like family member 1 isoform X1	1.12	0.83	0.94	1.02	3.83E-02	7.87E-03	3.53E-02	1.25E-03
NP_001354250.1	TRNT1	CCA tRNA nucleotidyltransferase 1, mitochondrial isoform 1	0.93	1.02	0.95	1.00	2.50E-01	1.49E-01	2.83E-01	1.62E-01
NP_001271207.1	PITPNB	phosphatidylinositol transfer protein beta isoform isoform 3	0.99	1.10	1.09	1.15	9.29E-01	8.97E-01	3.75E-01	2.47E-01
NP_005994.2	UQCRCF1	cytochrome b-c1 complex subunit Rieske, mitochondrial	1.05	0.97	1.02	1.09	1.42E-01	6.75E-02	1.09E-01	3.41E-02
XP_016875801.1	FARF1	FERM, ARHGEF and pleckstrin domain-containing protein 1 isoform X2	0.95	0.92	0.87	0.96	4.87E-01	3.69E-01	7.27E-01	6.31E-01
NP_001129490.1	EPHX1	epoxide hydrolase 1	1.06	1.22	1.25	0.95	7.68E-01	6.89E-01	8.36E-01	7.69E-01
XP_016871432.1	SEPHS1	selenide, water dikinase 1 isoform X1	1.08	0.98	1.05	1.02	1.96E-01	1.06E-01	1.59E-01	6.66E-02
NP_002077.1	GRB2	growth factor receptor-bound protein 2 isoform 1	0.88	1.02	0.89	0.87	7.34E-02	2.45E-02	8.35E-02	1.99E-02
NP_061955.1	DDX56	probable ATP-dependent RNA helicase DDX56 isoform 1	1.08	0.85	0.90	1.08	5.67E-01	4.56E-01	4.05E-01	2.75E-01
NP_061848.2	TERF2IP	telomeric repeat-binding factor 2-interacting protein 1	0.90	0.97	0.87	1.00	4.14E-02	9.13E-03	1.96E-01	9.41E-02
NP_004629.3	PRRC2A	protein PRRC2A	0.97	1.02	0.99	1.05	1.57E-01	7.78E-02	4.44E-01	3.15E-01
XP_005256556.1	DRG2	developmentally-regulated GTP-binding protein 2 isoform X1	0.99	0.90	0.89	0.99	9.31E-01	9.01E-01	6.38E-01	5.26E-01

NP_056280.2	GEMIN5	gem-associated protein 5 isoform 1	1.01	0.99	1.01	1.05	8.23E-01	7.56E-01	7.59E-01	6.73E-01
NP_619634.1	PPP1R14B	protein phosphatase 1 regulatory subunit 14B	0.78	1.28	1.01	0.95	1.38E-01	6.49E-02	2.30E-01	1.17E-01
NP_004153.2	RAB5A	ras-related protein Rab-5A isoform 1	0.90	0.97	0.87	0.86	1.63E-02	1.59E-03	6.33E-01	5.22E-01
NP_001191676.1	RFC1	replication factor C subunit 1 isoform 2	0.94	1.01	0.94	1.04	2.60E-02	3.82E-03	5.51E-02	7.00E-03
NP_001349806.1	SMARCB1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 isoform d	1.01	0.92	0.93	1.01	1.95E-01	1.05E-01	3.31E-02	5.96E-04
NP_001356414.1	LSM12	protein LSM12 homolog isoform 2	1.11	0.95	1.06	1.06	3.18E-01	2.06E-01	2.72E-01	1.53E-01
NP_060707.2	CCAR1	cell division cycle and apoptosis regulator protein 1 isoform a	1.04	0.96	1.00	1.02	5.09E-02	1.36E-02	7.51E-02	1.57E-02
NP_076417.2	AACS	acetoacetyl-CoA synthetase isoform 1	1.15	0.96	1.10	1.14	1.61E-03	1.73E-05	3.31E-02	5.95E-04
NP_079170.2	NOL10	nucleolar protein 10 isoform 1	1.09	0.97	1.05	1.05	3.54E-01	2.38E-01	3.48E-01	2.21E-01
NP_006701.1	COPS8	COP9 signalosome complex subunit 8 isoform 1	1.12	0.96	1.08	1.04	1.55E-01	7.65E-02	2.65E-01	1.46E-01
NP_001139412.1	PAFAH1B3	platelet-activating factor acetylhydrolase 1B subunit gamma	1.18	0.90	1.06	1.06	2.82E-02	4.35E-03	7.96E-02	1.79E-02
NP_061882.2	TOLLIP	toll-interacting protein isoform 1	1.07	0.98	1.05	1.13	4.68E-01	3.50E-01	3.82E-01	2.53E-01
NP_056456.1	TES	testin isoform 1	1.04	1.07	1.11	1.04	5.83E-01	4.74E-01	5.61E-01	4.40E-01
NP_076983.1	NOC4L	nucleolar complex protein 4 homolog	1.15	0.93	1.07	1.12	1.71E-01	8.79E-02	1.44E-01	5.62E-02
NP_001124295.1	DNMT1	DNA (cytosine-5)-methyltransferase 1 isoform a	1.04	0.95	0.98	1.09	6.66E-01	5.69E-01	6.71E-01	5.66E-01
NP_009096.2	SF3A2	splicing factor 3A subunit 2	1.11	1.00	1.10	1.08	7.69E-03	3.32E-04	5.79E-02	8.18E-03
XP_016867806.1	MPP6	MAGUK p55 subfamily member 6 isoform X1	1.06	0.99	1.06	1.03	6.07E-02	1.84E-02	3.20E-01	1.95E-01
XP_016858234.1	EIF2B3	translation initiation factor eIF-2B subunit gamma isoform X1	1.06	0.99	1.05	1.03	3.61E-02	7.04E-03	1.39E-01	5.35E-02
NP_005099.2	XYLB	xylulose kinase isoform 2	1.03	0.95	0.97	1.06	8.32E-01	7.68E-01	5.24E-01	4.01E-01
NP_056009.1	MYO1D	unconventional myosin-IId isoform 1	0.88	0.96	0.84	0.95	1.92E-02	2.19E-03	3.71E-01	2.42E-01
NP_001032242.1	FOXK1	forkhead box protein K1	1.03	0.98	1.00	0.96	3.75E-01	2.56E-01	5.49E-01	4.27E-01
NP_001293120.1	ARPP19	cAMP-regulated phosphoprotein 19 isoform 1	1.02	1.05	1.07	1.00	8.64E-01	8.10E-01	7.86E-01	7.07E-01
NP_002759.2	CHMP1A	charged multivesicular body protein 1a isoform 2	0.90	1.03	0.92	1.03	4.12E-03	1.01E-04	1.16E-01	3.86E-02
NP_055417.1	PIK3R4	phosphoinositide 3-kinase regulatory subunit 4	1.14	1.07	1.21	1.40	1.58E-01	7.89E-02	5.09E-01	3.84E-01
NP_055829.2	RBM34	RNA-binding protein 34 isoform 1	0.94	1.00	0.94	1.11	1.90E-01	1.02E-01	2.69E-01	1.50E-01
NP_005329.3	HIP1	huntingtin-interacting protein 1 isoform 1	0.95	1.00	0.95	1.03	3.89E-01	2.70E-01	7.12E-01	6.14E-01
NP_060102.1	CDKN2AIP	CDKN2A-interacting protein isoform 1	0.91	0.99	0.90	1.11	5.66E-02	1.64E-02	5.77E-01	4.60E-01
XP_011511205.1	PLS1	plastin-1 isoform X1	1.03	1.28	1.32	1.20	7.96E-01	7.25E-01	2.00E-01	9.65E-02
NP_009190.2	VPS45	vacuolar protein sorting-associated protein 45 isoform 1	1.15	1.04	1.19	1.03	1.36E-02	1.06E-03	6.52E-02	1.09E-02
NP_002479.1	NDUFA2	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 isoform 1	0.89	1.00	0.88	1.06	3.72E-03	8.60E-05	1.15E-01	3.81E-02
NP_002694.3	PPAT	amidophosphoribosyltransferase precursor	1.10	0.93	1.03	1.06	3.27E-02	5.85E-03	5.62E-02	7.27E-03
NP_009165.1	DCTN3	dynactin subunit 3 isoform 1	1.07	0.90	0.96	1.11	9.56E-02	3.69E-02	7.92E-02	1.77E-02
NP_005056.3	SEL1L	protein sel-1 homolog 1 isoform 1 precursor	1.03	0.96	0.98	0.95	2.71E-01	1.67E-01	1.36E-01	5.06E-02
XP_011519705.1	VPS39	vam6/Vps39-like protein isoform X1	0.97	0.97	0.95	0.99	6.86E-01	5.92E-01	9.84E-01	9.78E-01
NP_113619.3	COG3	conserved oligomeric Golgi complex subunit 3	1.14	0.92	1.05	1.13	2.86E-01	1.79E-01	2.21E-01	1.11E-01
NP_808881.3	PDE12	2',5'-phosphodiesterase 12 isoform 1 precursor	1.10	1.00	1.11	1.09	1.49E-01	7.24E-02	3.07E-01	1.83E-01
NP_004805.2	SNRNP40	U5 small nuclear ribonucleoprotein 40 kDa protein	1.03	0.96	0.98	0.98	8.39E-01	7.76E-01	6.68E-01	5.63E-01
XP_011531878.1	CHMP2B	charged multivesicular body protein 2b isoform X1	0.95	0.99	0.95	1.01	2.55E-02	3.62E-03	6.20E-02	9.77E-03
NP_004791.1	TM9SF2	transmembrane 9 superfamily member 2 precursor	0.99	0.88	0.87	1.04	1.72E-01	8.92E-02	3.53E-02	1.72E-03
XP_011526370.1	PIN1	peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 isoform X1	0.95	1.02	0.97	1.12	1.40E-01	6.62E-02	1.18E-01	3.94E-02
NP_064555.2	NCLN	nicalin isoform 1 precursor	1.07	0.97	1.03	1.00	4.21E-01	3.01E-01	3.26E-01	2.01E-01
NP_057284.1	LSM8	LSM8 homolog, U6 small nuclear RNA associated	0.93	0.99	0.91	0.97	1.16E-02	7.55E-04	3.45E-01	2.18E-01
NP_116199.2	ATAD1	ATPase family AAA domain-containing protein 1 isoform 1	1.03	1.04	1.07	1.01	3.18E-01	2.06E-01	8.69E-01	8.16E-01
NP_057041.2	APIP	methylthioribulose-1-phosphate dehydratase	0.99	0.98	0.97	1.01	6.57E-01	5.59E-01	8.30E-01	7.62E-01
NP_056073.1	FKBP15	FK506-binding protein 15	0.84	1.22	1.00	0.91	5.19E-01	4.04E-01	3.73E-01	2.45E-01
NP_001025226.1	ARHGAP5	rho GTPase-activating protein 5 isoform a	1.22	0.95	1.16	1.14	2.84E-01	1.77E-01	2.38E-01	1.25E-01
NP_001129668.1	TNPO2	transportin-2 isoform 1	1.35	0.95	1.28	1.09	2.47E-02	3.43E-03	6.56E-02	1.10E-02

NP_004076.1	TIMM8A	mitochondrial import inner membrane translocase subunit Tim8 A isoform 1	0.91	0.95	0.87	0.95	8.42E-02	3.07E-02	3.10E-01	1.86E-01
XP_005270320.1	SGPL1	sphingosine-1-phosphate lyase 1 isoform X1	1.18	0.91	1.08	1.05	9.06E-03	4.50E-04	3.31E-02	3.17E-04
NP_002257.1	KPNA2	importin subunit alpha-1	0.98	0.89	0.87	1.13	6.36E-01	5.34E-01	2.26E-01	1.14E-01
NP_065916.2	DHX36	ATP-dependent DNA/RNA helicase DHX36 isoform 1	1.04	0.96	0.99	1.03	3.19E-01	2.07E-01	2.12E-01	1.05E-01
NP_001342338.1	H3-2	histone cluster 2 H3 pseudogene 2	1.01	0.96	0.97	0.84	5.61E-01	4.49E-01	1.76E-01	7.90E-02
XP_011522859.1	GPATCH8	G patch domain-containing protein 8 isoform X1	0.92	1.00	0.92	1.05	3.75E-01	2.57E-01	3.82E-01	2.53E-01
NP_872620.1	GPATCH4	G patch domain-containing protein 4 isoform 2	1.01	0.97	0.97	1.10	8.00E-01	7.29E-01	2.64E-01	1.45E-01
XP_016885151.1	THOC2	THO complex subunit 2 isoform X1	0.99	0.99	0.98	1.05	9.45E-01	9.22E-01	1.00E+00	1.00E+00
NP_057143.1	PPIL1	peptidyl-prolyl cis-trans isomerase-like 1	1.01	1.07	1.08	1.02	9.75E-01	9.63E-01	5.91E-01	4.76E-01
XP_016871749.1	ARL3	ADP-ribosylation factor-like protein 3 isoform X1	1.04	1.03	1.07	1.06	2.88E-01	1.81E-01	6.91E-01	5.90E-01
NP_002058.2	GNA11	guanine nucleotide-binding protein subunit alpha-11	1.09	1.01	1.10	1.11	4.24E-02	9.65E-03	6.89E-02	1.30E-02
NP_001230280.1	NUB1	NEDD8 ultimate buster 1 isoform 1	0.93	1.01	0.93	1.01	2.50E-01	1.49E-01	3.58E-01	2.30E-01
NP_079216.4	DOCK5	dedicator of cytokinesis protein 5 isoform 1	1.06	0.98	1.04	1.06	1.71E-03	2.10E-05	2.81E-01	1.60E-01
NP_001359000.1	TRMT112	multifunctional methyltransferase subunit TRM112-like protein isoform 1	0.85	0.97	0.83	1.06	9.94E-02	3.94E-02	1.74E-01	7.78E-02
NP_444252.1	PFN2	profilin-2 isoform a	1.02	1.08	1.10	1.03	8.61E-01	8.05E-01	5.01E-01	3.76E-01
NP_001316043.1	BABAM2	BRISC and BRCA1-A complex member 2 isoform 5	1.05	1.01	1.06	1.07	8.74E-01	8.23E-01	9.23E-01	8.91E-01
XP_005262461.1	HTATSF1	HIV Tat-specific factor 1 isoform X1	0.93	0.95	0.88	1.05	7.01E-01	6.11E-01	8.98E-01	8.53E-01
NP_835227.1	RETRG3	reticulophagy regulator 3	1.07	1.03	1.10	1.07	1.22E-01	5.42E-02	4.66E-01	3.39E-01
NP_056290.3	FAM98A	protein FAM98A isoform 1	1.10	0.95	1.04	1.06	1.66E-01	8.42E-02	1.60E-01	6.82E-02
NP_001338285.1	MMS19	MMS19 nucleotide excision repair protein homolog isoform 6	1.19	0.95	1.13	1.13	1.22E-01	5.40E-02	1.41E-01	5.45E-02
NP_009031.1	ATP5ME	ATP synthase subunit e, mitochondrial	1.04	1.00	1.04	1.03	6.59E-01	5.61E-01	7.32E-01	6.39E-01
XP_016858330.1	VAMP3	vesicle-associated membrane protein 3 isoform X1	1.00	1.04	1.04	0.99	9.80E-01	9.71E-01	4.11E-01	2.81E-01
XP_016859845.1	PPIL3	peptidyl-prolyl cis-trans isomerase-like 3 isoform X2	1.15	0.94	1.07	1.04	3.25E-01	2.11E-01	3.73E-01	2.46E-01
NP_038466.2	UBQLN1	ubiquilin-1 isoform 1	0.85	0.72	0.62	0.93	5.95E-02	1.79E-02	2.72E-01	1.53E-01
NP_849193.1	STT3B	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B	1.07	0.96	1.02	1.03	5.14E-02	1.38E-02	5.06E-02	5.26E-03
XP_006717520.1	FRMD4A	FERM domain-containing protein 4A isoform X1	0.81	1.11	0.90	1.08	1.90E-01	1.02E-01	1.76E-01	7.98E-02
NP_061982.3	ALG1	chitobiosyldiphosphodolichol beta-mannosyltransferase isoform 1	1.10	0.97	1.07	1.02	2.02E-01	1.11E-01	2.01E-01	9.74E-02
NP_001358518.1	WIZ	protein Wiz isoform 3	0.96	1.02	0.97	1.00	6.08E-01	5.02E-01	5.91E-01	4.77E-01
XP_011524530.1	HDHD2	haloacid dehalogenase-like hydrolase domain-containing protein 2 isoform X1	1.04	1.02	1.06	1.03	7.83E-01	7.07E-01	9.24E-01	8.92E-01
NP_006101.1	CD2BP2	CD2 antigen cytoplasmic tail-binding protein 2	0.98	0.84	0.82	1.01	8.33E-01	7.69E-01	5.35E-01	4.11E-01
NP_001172023.1	NIT1	deaminated glutathione amidase isoform 4	1.19	0.99	1.19	1.09	3.87E-02	8.06E-03	5.97E-02	8.89E-03
NP_001356715.1	KRAS	GTPase KRas isoform a	1.08	1.02	1.11	1.08	3.73E-02	7.56E-03	1.54E-01	6.28E-02
XP_024309047.1	LOC112268437	uncharacterized protein FLJ45252	0.99	0.91	0.90	1.03	8.77E-01	8.28E-01	4.27E-01	2.99E-01
NP_001166367.1	CAV1	caveolin-1 isoform beta	1.15	0.91	1.05	1.13	3.09E-02	5.15E-03	1.92E-01	9.11E-02
NP_003065.3	SMARCC1	SWI/SNF complex subunit SMARCC1	0.98	0.90	0.87	1.05	8.62E-01	8.06E-01	6.61E-01	5.55E-01
XP_005273739.1	ASH2L	set1/Ash2 histone methyltransferase complex subunit ASH2 isoform X1	1.08	0.96	1.03	1.04	3.47E-01	2.30E-01	2.44E-01	1.29E-01
NP_001265586.1	POLDIP3	polymerase delta-interacting protein 3 isoform 3	1.12	0.87	0.98	1.00	1.32E-01	6.03E-02	8.57E-02	2.14E-02
NP_001351449.1	SLU7	pre-mRNA-splicing factor SLU7 isoform b	1.07	1.00	1.07	1.07	8.46E-01	7.85E-01	8.52E-01	7.92E-01
NP_976035.1	POLR1C	DNA-directed RNA polymerases I and III subunit RPAC1 isoform 1	1.05	1.01	1.05	1.06	2.36E-01	1.38E-01	6.38E-01	5.26E-01
NP_079434.3	RUFY1	RUN and FYVE domain-containing protein 1 isoform a	1.13	0.96	1.09	1.02	7.69E-03	3.32E-04	6.66E-02	1.17E-02
NP_064574.1	ENY2	transcription and mRNA export factor ENY2 isoform 1	0.86	1.03	0.89	1.07	4.41E-02	1.03E-02	5.79E-02	8.15E-03
NP_001295.2	CPD	carboxypeptidase D isoform 1 precursor	0.84	1.00	0.84	1.09	1.01E-02	5.39E-04	9.68E-02	2.77E-02
NP_940916.2	NHLRC2	NHL repeat-containing protein 2	1.10	1.00	1.10	1.01	2.21E-01	1.25E-01	3.65E-01	2.37E-01
NP_055054.1	EIF2B2	translation initiation factor eIF-2B subunit beta	1.05	1.03	1.08	1.04	6.28E-02	1.95E-02	2.38E-01	1.24E-01
NP_001336899.1	PACSN2	protein kinase C and casein kinase substrate in neurons protein 2 isoform D	0.99	0.94	0.93	1.06	8.80E-01	8.31E-01	2.85E-01	1.63E-01
NP_008924.1	NPM3	nucleoplasmin-3	1.04	1.06	1.07	0.93	9.47E-01	9.25E-01	9.47E-01	9.24E-01
NP_061918.3	WDR44	WD repeat-containing protein 44 isoform 1	1.05	0.97	1.01	1.06	4.83E-02	1.23E-02	1.82E-01	8.34E-02

XP_016856320.1	USP24	ubiquitin carboxyl-terminal hydrolase 24 isoform X1	1.13	0.98	1.11	1.09	8.46E-02	3.10E-02	9.09E-02	2.47E-02
XP_016874530.1	MON2	protein MON2 homolog isoform X1	0.98	1.06	1.05	1.05	5.47E-01	4.34E-01	1.28E-01	4.61E-02
XP_006717380.1	UAP1L1	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1 isoform X1	1.39	0.71	0.99	1.01	1.28E-02	9.35E-04	3.53E-02	1.48E-03
NP_065142.2	MRPL47	39S ribosomal protein L47, mitochondrial isoform a	1.14	1.46	1.73	1.01	4.53E-01	3.35E-01	7.40E-01	6.51E-01
NP_001351645.1	MPRI1	myosin phosphatase Rho-interacting protein isoform 3	1.03	1.04	1.07	1.04	8.88E-01	8.44E-01	9.53E-01	9.31E-01
NP_872578.1	MRPS9	28S ribosomal protein S9, mitochondrial	1.08	1.01	1.10	1.10	5.03E-01	3.86E-01	5.96E-01	4.81E-01
NP_057538.1	EMC4	ER membrane protein complex subunit 4 isoform a	1.02	0.98	1.00	1.02	1.68E-01	8.62E-02	4.60E-01	3.32E-01
NP_060671.3	TBC1D13	TBC1 domain family member 13 isoform a	0.97	1.16	1.12	0.92	5.10E-01	3.93E-01	6.62E-01	5.56E-01
NP_057197.2	TRPV2	transient receptor potential cation channel subfamily V member 2	1.12	1.04	1.17	1.10	2.17E-01	1.22E-01	3.72E-01	2.44E-01
NP_057383.2	HSPA14	heat shock 70 kDa protein 14 isoform 1	1.05	0.99	1.04	1.03	1.49E-01	7.18E-02	2.58E-01	1.41E-01
NP_057594.5	SCLY	selenocysteine lyase	1.02	1.02	1.04	1.05	5.58E-01	4.47E-01	9.20E-01	8.85E-01
NP_002727.2	PRKAR2B	cAMP-dependent protein kinase type II-beta regulatory subunit	1.03	1.27	1.29	1.14	9.42E-01	9.16E-01	4.48E-01	3.20E-01
NP_003625.2	NIPSNAPI	protein NipSnap homolog 1 isoform 1	0.99	0.98	0.96	1.00	5.56E-01	4.44E-01	8.90E-01	8.42E-01
NP_057484.4	HPK	huntingtin-interacting protein K isoform 1	0.91	1.04	0.95	1.03	6.58E-02	2.08E-02	2.06E-01	1.01E-01
NP_065908.1	VPS18	vacuolar protein sorting-associated protein 18 homolog	1.01	1.04	1.05	1.05	6.77E-01	5.82E-01	4.50E-01	3.22E-01
NP_003694.1	NOP14	nucleolar protein 14 isoform 1	0.99	1.05	1.03	1.04	2.49E-01	1.48E-01	1.54E-01	6.33E-02
NP_001341605.1	PRKCD	protein kinase C delta type isoform a	1.08	0.92	1.00	1.03	5.81E-01	4.72E-01	3.43E-01	2.16E-01
NP_056238.2	AASDHPPT	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	1.03	0.99	1.01	1.03	1.54E-01	7.54E-02	1.14E-01	3.66E-02
NP_001193570.2	COA6	cytochrome c oxidase assembly factor 6 homolog isoform 2	0.99	0.99	0.98	1.02	6.92E-01	6.00E-01	8.49E-01	7.88E-01
NP_005497.1	SCARB2	lysosome membrane protein 2 isoform 1 precursor	1.02	1.06	1.08	1.13	7.63E-01	6.83E-01	7.07E-01	6.06E-01
NP_057053.1	MRPS17	28S ribosomal protein S17, mitochondrial	1.34	0.75	0.97	1.02	3.95E-01	2.75E-01	2.86E-01	1.65E-01
NP_079491.2	PUS1	tRNA pseudouridine synthase A isoform 1	1.05	1.00	1.05	1.07	3.44E-01	2.28E-01	3.81E-01	2.52E-01
NP_001306045.1	DNPEP	aspartyl aminopeptidase isoform a	1.04	1.02	1.06	1.06	1.36E-02	1.08E-03	4.87E-02	4.55E-03
NP_078932.2	COLGALT1	procollagen galactosyltransferase 1 precursor	1.18	1.06	1.25	1.13	2.18E-03	3.07E-05	1.13E-01	3.62E-02
XP_005255135.1	FLYWCH2	FLYWCH family member 2 isoform X1	0.95	0.96	0.91	1.14	3.14E-01	2.03E-01	9.58E-01	9.40E-01
NP_000296.2	PON2	serum paraoxonase/arylesterase 2 isoform 1	1.04	1.04	1.09	1.10	2.59E-01	1.56E-01	9.46E-01	9.23E-01
NP_060228.3	ALKBH5	RNA demethylase ALKBH5	1.48	0.82	1.18	1.01	2.96E-01	1.87E-01	2.17E-01	1.08E-01
NP_005644.2	TFCP2	alpha-globin transcription factor CP2 isoform 1	1.09	1.01	1.09	1.18	2.73E-01	1.69E-01	3.85E-01	2.56E-01
NP_057131.1	SF3B6	splicing factor 3B subunit 6	1.01	1.00	1.01	1.00	7.76E-01	6.98E-01	9.09E-01	8.67E-01
NP_008986.2	POLR3A	DNA-directed RNA polymerase III subunit RPC1	0.96	1.03	0.98	1.19	7.64E-01	6.84E-01	7.16E-01	6.18E-01
NP_060700.2	NUP133	nuclear pore complex protein Nup133	1.16	0.82	0.94	1.10	5.67E-02	1.65E-02	5.69E-02	7.64E-03
NP_057093.1	SH3GLB1	endophilin-B1 isoform 1	1.05	0.98	1.03	1.07	3.54E-02	6.78E-03	3.08E-01	1.85E-01
NP_006434.1	DNPH1	2'-deoxynucleoside 5'-phosphate N-hydrolase 1 isoform 1	0.97	1.02	0.98	1.12	4.30E-01	3.10E-01	3.51E-01	2.24E-01
NP_001029366.1	EXOSC9	exosome complex component RRP45 isoform 1	1.06	1.00	1.05	1.05	4.41E-02	1.03E-02	2.61E-01	1.43E-01
NP_061984.2	HLA-DRA	HLA class II histocompatibility antigen, DR alpha chain precursor	0.97	0.91	0.88	0.95	8.10E-01	7.41E-01	6.97E-01	5.96E-01
NP_001188292.1	HMGN3	high mobility group nucleosome-binding domain-containing protein 3 isoform d	0.78	1.05	0.82	0.92	4.51E-02	1.08E-02	5.79E-02	7.89E-03
XP_016864078.1	NELFA	negative elongation factor A isoform X1	1.09	0.94	1.02	1.01	4.33E-02	9.99E-03	7.20E-02	1.44E-02
XP_005256652.2	DHRS7B	dehydrogenase/reductase SDR family member 7B isoform X1	1.12	1.02	1.15	1.19	5.74E-02	1.69E-02	3.86E-01	2.57E-01
NP_003644.2	COPS3	COP9 signalosome complex subunit 3 isoform 1	1.05	0.96	1.01	1.05	3.44E-01	2.28E-01	1.84E-01	8.47E-02
NP_892021.1	ZNF326	DBIRD complex subunit ZNF326 isoform 1	0.98	0.86	0.83	0.94	5.03E-01	3.85E-01	1.27E-01	4.52E-02
XP_011537286.1	SCAF11	protein SCAF11 isoform X4	0.85	0.98	0.83	0.97	1.04E-01	4.24E-02	1.74E-01	7.79E-02
NP_006809.1	MLLT11	protein AF1q	0.92	0.90	0.82	1.32	1.87E-01	1.00E-01	8.91E-01	8.43E-01
XP_005246300.1	LANCL1	glutathione S-transferase LANCL1 isoform X1	1.00	1.00	1.00	1.02	9.87E-01	9.81E-01	9.45E-01	9.20E-01
NP_002386.1	ME1	NADP-dependent malic enzyme	1.09	1.09	1.19	1.21	7.55E-02	2.60E-02	9.81E-01	9.72E-01
NP_001018494.1	PUM1	pumilio homolog 1 isoform 1	0.88	1.07	0.94	1.04	2.57E-01	1.55E-01	2.66E-01	1.48E-01
NP_478126.1	EXOSC6	exosome complex component MTR3	1.03	0.99	1.02	1.07	5.78E-03	1.94E-04	2.51E-01	1.35E-01
NP_068579.3	EXOC4	exocyst complex component 4 isoform a	1.06	0.89	0.94	1.04	1.23E-01	5.48E-02	5.79E-02	8.18E-03

NP_001269803.1	SMARCA1	probable global transcription activator SNF2L1 isoform d	1.00	0.93	0.93	1.11	9.86E-01	9.78E-01	6.48E-01	5.40E-01
NP_001093897.1	RAP1GDS1	rap1 GTPase-GDP dissociation stimulator 1 isoform 3	1.05	0.96	1.01	1.08	5.31E-02	1.47E-02	5.83E-02	8.29E-03
NP_064708.1	COQ9	ubiquinone biosynthesis protein COQ9, mitochondrial precursor	1.03	0.95	0.98	1.05	3.37E-01	2.21E-01	1.15E-01	3.83E-02
NP_065757.1	SCAF4	SR-related and CTD-associated factor 4 isoform 1	1.06	0.92	0.97	1.10	6.50E-02	2.05E-02	4.47E-02	3.35E-03
NP_005863.1	BCAS2	pre-mRNA-splicing factor SPF27	1.15	1.15	1.34	1.14	5.44E-01	4.30E-01	9.98E-01	9.97E-01
XP_016880042.1	ACACA	acetyl-CoA carboxylase 1 isoform X1	1.00	1.07	1.06	1.09	9.43E-01	9.20E-01	2.37E-01	1.24E-01
XP_005258335.1	NPC1	NPC intracellular cholesterol transporter 1 isoform X2	1.01	1.06	1.08	1.19	8.07E-01	7.37E-01	6.51E-01	5.45E-01
NP_001271330.1	TAMM41	phosphatidate cytidylyltransferase, mitochondrial isoform a precursor	1.05	0.94	0.99	1.02	5.25E-01	4.11E-01	2.69E-01	1.50E-01
NP_060851.2	SHFL	shiftless antiviral inhibitor of ribosomal frameshifting protein isoform 1	0.86	1.04	0.89	1.00	1.61E-01	8.08E-02	1.42E-01	5.51E-02
XP_005260495.1	PLCG1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1 isoform X1	1.02	0.97	0.99	1.08	7.03E-01	6.13E-01	4.26E-01	2.98E-01
NP_060873.4	DCP1A	mRNA-decapping enzyme 1A isoform a	1.06	0.92	0.96	1.07	6.37E-01	5.36E-01	3.42E-01	2.15E-01
NP_005993.1	UCHL3	ubiquitin carboxyl-terminal hydrolase isozyme L3 isoform 2	1.10	0.98	1.08	1.03	2.36E-01	1.37E-01	2.15E-01	1.06E-01
NP_006149.2	NEFL	neurofilament light polypeptide	0.97	1.00	0.97	1.06	7.84E-01	7.08E-01	8.40E-01	7.75E-01
XP_011507899.1	RRP15	RRP15-like protein isoform X1	0.80	1.05	0.84	0.97	4.14E-03	1.07E-04	3.69E-02	1.97E-03
NP_005427.2	CCDC6	coiled-coil domain-containing protein 6	0.89	1.04	0.93	0.99	3.94E-03	9.43E-05	3.31E-02	4.80E-04
NP_612430.2	SAAL1	protein SAAL1	0.86	1.02	0.88	1.00	7.09E-02	2.33E-02	8.02E-02	1.84E-02
NP_689759.2	SRFBP1	serum response factor-binding protein 1	0.99	0.91	0.90	0.99	9.30E-01	9.00E-01	4.79E-01	3.53E-01
XP_016867663.1	INHBA	inhibin beta A chain isoform X1	1.14	1.11	1.27	1.08	4.82E-01	3.64E-01	9.23E-01	8.91E-01
XP_016869078.1	OXR1	oxidation resistance protein 1 isoform X1	1.16	0.97	1.12	1.10	5.70E-02	1.66E-02	1.88E-01	8.79E-02
XP_005254606.1	B2M	beta-2-microglobulin isoform X1	1.00	0.99	0.99	1.09	9.93E-01	9.92E-01	7.78E-01	6.97E-01
XP_005246794.1	RBMS1	RNA-binding motif, single-stranded-interacting protein 1 isoform X1	1.01	0.90	0.91	1.03	8.72E-01	8.20E-01	1.84E-01	8.48E-02
NP_003737.1	DYNLL1	dynein light chain 1, cytoplasmic	1.01	1.00	1.01	0.97	5.94E-01	4.87E-01	6.25E-01	5.13E-01
XP_011511221.1	XRN1	5'-3' exoribonuclease 1 isoform X1	1.04	0.92	0.96	1.05	1.22E-01	5.44E-02	9.44E-02	2.67E-02
NP_073613.2	OSBPL11	oxysterol-binding protein-related protein 11	1.06	0.93	0.99	1.12	4.55E-01	3.36E-01	3.46E-01	2.19E-01
XP_005257071.1	MSI2	RNA-binding protein Musashi homolog 2 isoform X1	0.92	1.04	0.95	1.20	5.97E-01	4.90E-01	5.08E-01	3.82E-01
NP_065174.1	CORO1B	coronin-1B	1.10	1.01	1.11	1.04	4.60E-02	1.12E-02	8.65E-02	2.19E-02
NP_898880.1	VPS28	vacuolar protein sorting-associated protein 28 homolog isoform 2	1.08	1.13	1.23	1.16	4.35E-01	3.15E-01	6.38E-01	5.27E-01
NP_055083.1	MAPRE2	microtubule-associated protein RP/EB family member 2 isoform 1	1.04	0.99	1.03	1.06	3.19E-02	5.51E-03	2.49E-01	1.33E-01
NP_001356370.1	NIF3L1	NIF3-like protein 1 isoform 1	0.95	1.07	1.00	0.93	7.40E-01	6.57E-01	5.61E-01	4.40E-01
NP_055953.3	RTF1	RNA polymerase-associated protein RTF1 homolog	0.98	0.94	0.92	0.95	8.47E-01	7.86E-01	7.59E-01	6.73E-01
NP_003087.1	SNRPG	small nuclear ribonucleoprotein G isoform a	1.05	0.95	1.00	1.07	3.39E-02	6.27E-03	6.85E-02	1.25E-02
NP_006311.3	PGRMC2	membrane-associated progesterone receptor component 2	1.06	1.03	1.09	1.07	3.38E-02	6.19E-03	5.80E-01	4.64E-01
XP_011536470.1	ZNF385A	zinc finger protein 385A isoform X1	0.96	1.00	0.96	1.13	1.16E-01	4.94E-02	2.15E-01	1.06E-01
NP_054701.1	LAMP2	lysosome-associated membrane glycoprotein 2 isoform B precursor	0.94	0.96	0.91	0.98	3.66E-01	2.48E-01	7.32E-01	6.40E-01
XP_011517438.1	ELP1	elongator complex protein 1 isoform X1	1.12	0.88	0.98	1.01	2.01E-01	1.10E-01	1.58E-01	6.61E-02
XP_011530170.1	ARFIP1	arfaptin-1 isoform X1	1.05	1.03	1.08	1.04	5.74E-01	4.64E-01	8.92E-01	8.45E-01
NP_079353.3	TOE1	target of EGR1 protein 1	0.98	1.01	0.99	1.03	7.28E-01	6.41E-01	6.24E-01	5.12E-01
NP_001304712.1	TSTA3	GDP-L-fucose synthase isoform 1	0.99	1.01	0.99	0.97	5.06E-02	1.33E-02	2.65E-01	1.47E-01
NP_056271.3	NELFB	negative elongation factor B	1.08	0.88	0.95	1.06	4.17E-01	2.97E-01	2.70E-01	1.51E-01
NP_001600.1	ACADSB	short/branched chain specific acyl-CoA dehydrogenase, mitochondrial isoform 1 precursor	1.05	0.93	0.98	1.02	3.83E-01	2.64E-01	2.34E-01	1.21E-01
NP_004880.1	ATP5MF	ATP synthase subunit f, mitochondrial isoform 2a	1.16	0.96	1.11	1.05	2.80E-01	1.74E-01	2.47E-01	1.31E-01
NP_003379.4	CLIP2	CAP-Gly domain-containing linker protein 2 isoform 1	0.96	1.03	0.99	0.94	3.37E-01	2.21E-01	2.03E-01	9.86E-02
NP_003086.1	SNRPF	small nuclear ribonucleoprotein F	0.97	0.94	0.91	1.16	5.40E-01	4.26E-01	5.10E-01	3.86E-01
XP_024305402.1	GNG2	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2 isoform X2	1.02	0.97	1.00	1.09	6.90E-01	5.97E-01	4.52E-01	3.23E-01
XP_005246629.1	MYO1B	unconventional myosin-1b isoform X1	0.94	1.04	0.98	1.11	8.52E-02	3.13E-02	2.63E-01	1.45E-01
NP_005096.1	RBM8A	RNA-binding protein 8A	0.78	1.02	0.79	0.95	2.25E-02	2.88E-03	8.74E-02	2.24E-02
NP_004704.3	NEMF	nuclear export mediator factor NEMF isoform 1	1.00	1.03	1.03	1.01	9.06E-01	8.65E-01	6.66E-01	5.61E-01

NP_002785.1	PSMB2	proteasome subunit beta type-2 isoform 1	1.02	1.00	1.02	1.02	6.98E-01	6.08E-01	8.11E-01	7.37E-01
XP_005250211.1	CUX1	protein CASP isoform X6	0.86	1.02	0.88	1.05	5.54E-01	4.41E-01	5.13E-01	3.90E-01
NP_060686.3	PANK4	4'-phosphopantetheine phosphatase	1.18	1.10	1.30	1.11	1.19E-01	5.17E-02	4.48E-01	3.19E-01
NP_001298240.1	VKORC1	vitamin K epoxide reductase complex subunit 1 isoform 3 precursor	1.05	0.94	0.99	1.00	3.29E-01	2.15E-01	1.60E-01	6.76E-02
NP_073750.2	MRPS11	28S ribosomal protein S11, mitochondrial isoform a	0.97	1.03	1.01	1.01	8.80E-01	8.31E-01	7.86E-01	7.06E-01
NP_037450.2	PRRC2B	protein PRRC2B	0.83	1.03	0.86	1.03	1.99E-02	2.35E-03	8.65E-02	2.19E-02
NP_002063.2	GNAQ	guanine nucleotide-binding protein G(q) subunit alpha	1.06	0.99	1.05	1.04	2.17E-01	1.23E-01	3.24E-01	1.99E-01
NP_001316422.1	EMC2	ER membrane protein complex subunit 2 isoform 1	1.08	0.96	1.04	1.06	2.74E-01	1.71E-01	3.25E-01	2.01E-01
NP_003633.2	HAT1	histone acetyltransferase type B catalytic subunit	0.77	0.91	0.70	0.93	2.30E-02	3.01E-03	1.17E-01	3.90E-02
NP_056528.2	RRM2B	ribonucleoside-diphosphate reductase subunit M2 B isoform 1	1.29	0.92	1.19	1.12	8.53E-02	3.14E-02	1.01E-01	2.98E-02
NP_002406.1	MIF	macrophage migration inhibitory factor	1.03	1.02	1.05	1.01	5.87E-01	4.78E-01	8.15E-01	7.43E-01
NP_000104.1	TOR1A	torsin-1A precursor	1.10	0.87	0.95	1.07	2.51E-01	1.50E-01	1.11E-01	3.52E-02
NP_001229536.1	NCAM1	neural cell adhesion molecule 1 isoform 5 precursor	1.06	1.09	1.15	1.12	6.80E-01	5.85E-01	8.37E-01	7.70E-01
XP_016882575.1	EPS15L1	epidermal growth factor receptor substrate 15-like 1 isoform X1	0.92	1.03	0.94	1.01	1.82E-04	2.45E-07	9.37E-02	2.62E-02
NP_001129115.1	DCTN4	dynactin subunit 4 isoform a	1.05	0.96	1.01	1.02	2.67E-01	1.64E-01	1.52E-01	6.15E-02
NP_001337261.1	TOM1L2	TOM1-like protein 2 isoform 9	1.08	0.92	0.99	1.13	1.20E-01	5.25E-02	8.49E-02	2.09E-02
NP_055192.1	DNAJC2	dnaJ homolog subfamily C member 2 isoform 1	0.95	1.10	1.05	1.06	1.53E-01	7.51E-02	1.15E-01	3.81E-02
NP_004986.1	MMP14	matrix metalloproteinase-14	0.97	1.02	0.99	1.04	4.45E-01	3.24E-01	4.44E-01	3.16E-01
NP_958931.1	KLC4	kinesin light chain 4 isoform b	1.12	0.96	1.03	1.17	7.68E-01	6.90E-01	7.46E-01	6.58E-01
XP_016885242.1	SMS	spermine synthase isoform X1	1.11	1.06	1.19	1.09	2.67E-02	4.01E-03	1.31E-01	4.79E-02
XP_016872373.1	ACBD5	acyl-CoA-binding domain-containing protein 5 isoform X1	1.01	0.99	1.00	1.02	1.18E-02	7.90E-04	4.76E-01	3.49E-01
NP_001139110.2	GPSM1	G-protein-signaling modulator 1 isoform a	1.11	0.96	1.06	1.09	4.47E-02	1.06E-02	8.84E-02	2.31E-02
NP_068593.2	MRPS35	28S ribosomal protein S35, mitochondrial isoform 1 precursor	1.05	0.99	1.04	1.01	3.86E-02	7.99E-03	1.56E-01	6.51E-02
XP_024302967.1	PTK2	focal adhesion kinase 1 isoform X1	1.11	0.99	1.10	1.07	6.08E-02	1.85E-02	9.69E-02	2.77E-02
NP_057501.2	GLRX5	glutaredoxin-related protein 5, mitochondrial precursor	0.89	0.99	0.87	0.96	1.06E-01	4.36E-02	2.00E-01	9.63E-02
NP_001229687.1	HLA-A	HLA class I histocompatibility antigen, A alpha chain A*01:01:01:01	0.92	0.87	0.81	0.98	5.88E-01	4.79E-01	8.12E-01	7.39E-01
NP_071761.1	TFB2M	dimethyladenosine transferase 2, mitochondrial	1.05	0.98	1.03	1.04	5.46E-01	4.31E-01	4.21E-01	2.93E-01
NP_002938.1	RPA3	replication protein A 14 kDa subunit	0.85	0.96	0.82	0.80	4.82E-01	3.64E-01	5.84E-01	4.68E-01
NP_055857.1	ZNF609	zinc finger protein 609	0.90	1.00	0.90	1.02	5.14E-02	1.39E-02	7.52E-02	1.58E-02
XP_016864496.1	SYNPO	synaptopodin isoform X1	0.94	0.99	0.94	0.99	1.59E-01	7.92E-02	6.48E-01	5.42E-01
NP_001029097.1	TIAL1	nucleolysin TIAR isoform 2	1.14	0.94	1.07	1.04	1.61E-01	8.06E-02	1.27E-01	4.48E-02
NP_699160.2	ALDH16A1	aldehyde dehydrogenase family 16 member A1 isoform 1	1.03	1.01	1.04	1.06	5.85E-01	4.76E-01	7.88E-01	7.10E-01
XP_016882814.1	UBXN6	UBX domain-containing protein 6 isoform X1	1.44	1.08	1.59	1.18	5.74E-01	4.63E-01	6.76E-01	5.72E-01
NP_003245.1	TIMP1	metalloproteinase inhibitor 1 precursor	0.76	0.91	0.70	0.91	1.20E-01	5.24E-02	2.20E-01	1.10E-01
NP_000182.2	HMGCL	hydroxymethylglutaryl-CoA lyase, mitochondrial isoform 1 precursor	1.02	1.02	1.04	1.02	8.37E-01	7.74E-01	9.92E-01	9.87E-01
NP_001041675.1	CLCC1	chloride channel CLIC-like protein 1 isoform 1 precursor	1.10	1.09	1.19	1.13	2.60E-01	1.58E-01	9.22E-01	8.88E-01
NP_072097.2	VPS16	vacuolar protein sorting-associated protein 16 homolog isoform 1	1.02	1.01	1.03	1.10	7.22E-01	6.35E-01	8.39E-01	7.75E-01
NP_060220.3	RETSAT	all-trans-retinol 13,14-reductase precursor	0.99	1.07	1.06	1.03	5.48E-01	4.35E-01	3.24E-01	2.00E-01
XP_011531007.1	PSME4	proteasome activator complex subunit 4 isoform X1	1.11	0.85	0.94	1.06	2.55E-02	3.64E-03	1.07E-01	3.30E-02
XP_016868853.1	GTF2E2	transcription initiation factor IIE subunit beta isoform X1	1.18	0.79	0.89	1.00	7.19E-01	6.31E-01	4.85E-01	3.58E-01
XP_011524074.1	THOC1	THO complex subunit 1 isoform X1	0.94	1.13	1.03	1.09	7.96E-01	7.24E-01	6.47E-01	5.38E-01
NP_002573.1	PARN	poly(A)-specific ribonuclease PARN isoform 1	1.02	0.98	0.99	1.03	7.77E-01	6.99E-01	5.48E-01	4.26E-01
NP_001303969.1	GLB1	beta-galactosidase isoform d precursor	0.95	0.95	0.90	0.97	4.87E-02	1.24E-02	9.81E-01	9.71E-01
NP_006734.1	RBM3	RNA-binding protein 3	0.51	0.97	0.49	0.88	6.78E-02	2.18E-02	9.03E-02	2.40E-02
NP_061903.2	DHX29	ATP-dependent RNA helicase DHX29 isoform 1	1.01	1.04	1.04	1.01	8.64E-01	8.09E-01	7.33E-01	6.42E-01
XP_011511125.1	LPP	lipoma-preferred partner isoform X1	0.99	0.95	0.94	1.01	8.88E-01	8.43E-01	6.90E-01	5.88E-01
NP_085056.2	CYB5B	cytochrome b5 type B	1.04	0.98	1.02	1.06	2.31E-01	1.33E-01	2.51E-01	1.35E-01

NP_008982.1	FAF1	FAS-associated factor 1	1.00	1.05	1.05	1.00	5.92E-01	4.84E-01	6.60E-02	1.12E-02
NP_001308948.1	NDUFA10	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial isoform 2 precursor	0.97	0.98	0.95	0.97	5.67E-01	4.57E-01	8.58E-01	8.00E-01
XP_006723917.1	ELMO2	engulfment and cell motility protein 2 isoform X1	1.04	1.04	1.09	1.03	1.92E-01	1.04E-01	9.74E-01	9.61E-01
NP_001252518.1	RTN3	reticulon-3 isoform e	1.08	1.11	1.19	1.04	2.56E-01	1.54E-01	6.47E-01	5.37E-01
XP_0111513814.1	UPP1	uridine phosphorylase 1 isoform X1	1.00	0.97	0.97	0.97	9.17E-01	8.79E-01	3.16E-01	1.92E-01
XP_006712541.1	AGFG1	arf-GAP domain and FG repeat-containing protein 1 isoform X1	1.04	0.99	1.04	1.03	6.04E-01	4.98E-01	5.61E-01	4.39E-01
NP_001289936.1	DDAH2	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	1.12	0.97	1.09	1.07	1.56E-01	7.68E-02	1.36E-01	5.11E-02
NP_0010931115.1	RPL22L1	60S ribosomal protein L22-like 1 isoform 1	0.78	1.04	0.81	0.93	7.95E-02	2.79E-02	9.03E-02	2.42E-02
XP_005270647.1	CC2D1B	coiled-coil and C2 domain-containing protein 1B isoform X1	1.05	0.99	1.04	1.05	3.47E-01	2.31E-01	3.13E-01	1.89E-01
NP_001306168.1	ZC3H11A	zinc finger CCCH domain-containing protein 11A isoform 1	1.01	1.01	1.03	1.13	8.47E-01	7.86E-01	9.47E-01	9.25E-01
NP_942568.2	TBC1D9B	TBC1 domain family member 9B isoform a	1.06	0.98	1.04	1.03	4.88E-02	1.25E-02	2.63E-01	1.44E-01
XP_016882391.1	GATAD2A	transcriptional repressor p66-alpha isoform X2	0.88	1.07	0.94	0.96	4.18E-02	9.34E-03	8.11E-02	1.88E-02
NP_060272.3	DNAAF5	dynein assembly factor 5, axonemal	1.01	0.92	0.92	1.02	9.06E-01	8.65E-01	5.27E-01	4.04E-01
NP_004335.1	CENT2	centrin-2	0.79	1.01	0.79	0.94	4.49E-02	1.07E-02	7.60E-02	1.61E-02
XP_016868897.1	RBM12B	RNA-binding protein 12B isoform X1	1.10	1.55	1.72	1.19	1.34E-01	6.17E-02	7.37E-01	6.47E-01
NP_075567.2	UBE2Z	ubiquitin-conjugating enzyme E2 Z	1.13	0.87	0.97	0.99	3.51E-01	2.35E-01	2.88E-01	1.66E-01
NP_060895.1	PI4K2A	phosphatidylinositol 4-kinase type 2-alpha	1.20	1.00	1.19	1.17	5.55E-02	1.59E-02	1.04E-01	3.14E-02
NP_001435.1	FABP5	fatty acid-binding protein 5	0.99	1.08	1.07	1.12	4.87E-02	1.24E-02	3.53E-02	1.47E-03
NP_002989.2	SDC2	syndecan-2 precursor	0.75	1.00	0.76	0.96	1.51E-02	1.38E-03	3.53E-02	1.35E-03
NP_062538.5	RNF20	E3 ubiquitin-protein ligase BRE1A	0.82	1.02	0.83	1.00	6.78E-02	2.18E-02	8.55E-02	2.12E-02
XP_011533481.1	RBM26	RNA-binding protein 26 isoform X1	1.00	0.96	0.96	1.00	1.19E-01	5.17E-02	1.14E-01	3.70E-02
XP_005250519.1	PUS7	pseudouridylate synthase 7 homolog isoform X1	0.86	1.14	0.95	1.05	5.80E-01	4.70E-01	5.39E-01	4.17E-01
NP_001257368.1	ARPC5	actin-related protein 2/3 complex subunit 5 isoform 2	0.91	1.06	0.96	0.99	3.54E-01	2.38E-01	2.65E-01	1.46E-01
NP_005827.1	RIDA	2-iminobutanoate/2-iminopropanoate deaminase	1.03	1.00	1.02	1.09	1.36E-02	1.07E-03	4.25E-01	2.97E-01
NP_001264003.1	CCDC12	coiled-coil domain-containing protein 12 isoform 2	0.84	1.04	0.87	1.04	4.78E-02	1.18E-02	6.88E-02	1.29E-02
XP_011520054.2	UACA	uveal autoantigen with coiled-coil domains and ankyrin repeats isoform X1	1.10	0.99	1.09	1.15	6.77E-01	5.81E-01	6.62E-01	5.57E-01
XP_024306483.1	GPS1	COP9 signalosome complex subunit 1 isoform X3	1.03	0.97	1.00	1.01	3.48E-01	2.31E-01	1.88E-01	8.77E-02
NP_001239007.1	USP15	ubiquitin carboxyl-terminal hydrolase 15 isoform 1	1.02	0.99	1.01	0.97	8.26E-01	7.59E-01	7.37E-01	6.46E-01
NP_036344.2	PTGR1	prostaglandin reductase 1 isoform 1	1.09	0.93	1.01	1.10	3.38E-02	6.17E-03	6.91E-02	1.30E-02
NP_110395.1	ILKAP	integrin-linked kinase-associated serine/threonine phosphatase 2C	1.00	0.96	0.96	0.98	9.80E-01	9.70E-01	5.14E-01	3.90E-01
NP_002196.4	ITGA5	integrin alpha-5 precursor	1.04	0.98	1.01	1.08	4.23E-01	3.04E-01	2.65E-01	1.46E-01
NP_001316712.1	HACD2	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2 isoform a	1.04	1.07	1.12	1.06	3.00E-02	4.94E-03	4.72E-01	3.44E-01
NP_005923.3	MIPEP	mitochondrial intermediate peptidase	1.18	1.06	1.25	1.14	1.68E-01	8.62E-02	2.99E-01	1.76E-01
NP_113651.4	HSDL1	inactive hydroxysteroid dehydrogenase-like protein 1 isoform a	0.93	0.91	0.85	0.92	4.19E-01	2.98E-01	8.44E-01	7.82E-01
NP_078813.1	CARS2	probable cysteine--tRNA ligase, mitochondrial isoform 1	1.07	0.98	1.04	1.07	1.91E-01	1.02E-01	1.55E-01	6.41E-02
NP_904358.2	TSC22D1	TSC22 domain family protein 1 isoform 1	0.89	1.02	0.91	1.01	1.80E-01	9.46E-02	1.72E-01	7.59E-02
NP_001098016.1	RPP30	ribonuclease P protein subunit p30 isoform a	1.02	1.13	1.14	0.96	8.64E-01	8.09E-01	8.37E-01	7.70E-01
XP_005263479.1	UBE4B	ubiquitin conjugation factor E4 B isoform X1	1.07	1.00	1.06	1.08	5.23E-01	4.08E-01	7.33E-01	6.42E-01
NP_068817.1	SEC24A	protein transport protein Sec24A isoform 1	1.14	0.92	1.05	1.02	1.63E-02	1.60E-03	3.66E-02	1.90E-03
NP_597677.2	NIPBL	nipped-B-like protein isoform A	1.01	0.99	1.00	1.02	1.84E-01	9.71E-02	6.89E-01	5.87E-01
XP_024307399.1	RAD23A	UV excision repair protein RAD23 homolog A isoform X1	1.11	0.87	0.97	1.09	4.19E-02	9.40E-03	3.63E-02	1.85E-03
XP_005264438.1	TMEM214	transmembrane protein 214 isoform X1	1.03	1.02	1.05	1.10	5.17E-01	4.02E-01	8.58E-01	8.01E-01
NP_060810.2	CPED1	serine/threonine-protein phosphatase CPED1 isoform a	1.00	0.97	0.97	1.03	9.42E-01	9.18E-01	6.53E-01	5.47E-01
NP_001887.1	CSNK2A2	casein kinase II subunit alpha'	0.99	0.95	0.92	1.05	9.22E-01	8.85E-01	9.11E-01	8.70E-01
NP_003189.2	ELOA	elongin-A	0.97	1.03	1.00	1.08	2.62E-01	1.59E-01	1.70E-01	7.44E-02
NP_659486.2	UBLCP1	ubiquitin-like domain-containing CTD phosphatase 1	0.98	0.98	0.96	1.07	3.10E-02	5.18E-03	9.19E-01	8.83E-01
XP_011518601.1	CHID1	chitinase domain-containing protein 1 isoform X1	0.97	1.07	1.04	1.05	4.51E-01	3.32E-01	2.56E-01	1.39E-01

NP_443077.1	MMAB	corrino adenosyltransferase precursor	0.93	1.04	0.97	1.11	3.71E-01	2.53E-01	2.56E-01	1.39E-01
XP_011537270.1	FMNL3	formin-like protein 3 isoform X1	1.14	0.96	1.10	1.09	1.66E-01	8.42E-02	3.18E-01	1.94E-01
NP_065147.1	DDX24	ATP-dependent RNA helicase DDX24	0.97	1.09	1.05	1.05	6.73E-01	5.76E-01	3.00E-01	1.77E-01
NP_002255.3	KPNA1	importin subunit alpha-5	0.94	1.08	1.01	0.95	8.27E-02	2.99E-02	7.52E-02	1.57E-02
NP_005821.2	MRPS31	28S ribosomal protein S31, mitochondrial	1.00	0.97	0.96	1.01	8.99E-01	8.58E-01	5.05E-01	3.80E-01
XP_016877241.1	MTA1	metastasis-associated protein MTA1 isoform X1	0.98	0.98	0.96	0.98	2.46E-01	1.45E-01	9.79E-01	9.70E-01
NP_115558.3	ABRAXAS2	BRISC complex subunit Abraxas 2	1.09	1.01	1.11	1.10	6.36E-01	5.35E-01	7.53E-01	6.66E-01
NP_003253.1	SEC62	translocation protein SEC62	1.19	1.02	1.21	1.06	2.28E-03	3.51E-05	8.06E-02	1.86E-02
NP_006741.1	SNTB2	beta-2-syntrophin	0.92	1.06	0.98	1.02	1.01E-01	4.04E-02	1.55E-01	6.39E-02
XP_011523944.1	SMCHD1	structural maintenance of chromosomes flexible hinge domain-containing protein 1 isoform X1	1.02	0.91	0.92	1.04	7.68E-01	6.89E-01	3.68E-01	2.40E-01
NP_001188408.1	CORO7-PAM16	CORO7-PAM16 protein	1.09	0.98	1.07	1.04	9.33E-02	3.55E-02	1.02E-01	3.02E-02
NP_057038.2	DERA	deoxyribose-phosphate aldolase isoform 1	1.02	0.95	0.97	1.03	6.13E-01	5.07E-01	2.44E-01	1.29E-01
NP_054894.1	MRPL15	39S ribosomal protein L15, mitochondrial	1.02	1.01	1.02	1.03	9.26E-01	8.91E-01	9.71E-01	9.57E-01
NP_008869.1	SNRPD1	small nuclear ribonucleoprotein Sm D1 isoform 1	1.12	0.77	0.86	1.01	2.03E-01	1.12E-01	9.15E-02	2.50E-02
NP_001257366.1	CDC42EP3	cdc42 effector protein 3	0.92	0.96	0.88	1.10	2.87E-02	4.57E-03	6.48E-01	5.41E-01
NP_037366.1	EIF3K	eukaryotic translation initiation factor 3 subunit K isoform 1	0.94	0.91	0.86	0.97	3.00E-02	4.95E-03	1.02E-01	3.02E-02
NP_115758.3	COG8	conserved oligomeric Golgi complex subunit 8 isoform 1	1.01	1.00	1.01	1.02	8.36E-01	7.73E-01	7.94E-01	7.19E-01
NP_056399.1	POLDIP2	polymerase delta-interacting protein 2 isoform 1	1.13	0.95	1.08	1.10	3.79E-02	7.73E-03	7.02E-02	1.34E-02
NP_003155.2	STX5	syntaxin-5 isoform 1	1.00	1.01	1.01	1.03	9.68E-01	9.54E-01	8.81E-01	8.31E-01
NP_001358293.1	DUS4L-BCAP29	DUS4L-BCAP29 protein isoform a	1.06	1.02	1.08	1.11	3.12E-01	2.00E-01	5.10E-01	3.87E-01
XP_024302215.1	MYO6	unconventional myosin-VI isoform X1	1.04	1.10	1.12	0.97	9.18E-01	8.81E-01	8.30E-01	7.63E-01
NP_116021.2	PAPOLA	poly(A) polymerase alpha isoform 1	1.08	0.89	0.95	1.11	7.20E-01	6.33E-01	3.88E-01	2.59E-01
NP_000935.1	PPP3CA	serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform isoform 1	0.95	1.03	0.97	1.02	2.30E-02	3.03E-03	7.02E-02	1.34E-02
NP_001303937.1	S100A16	protein S100-A16	1.01	1.00	1.00	1.04	8.82E-01	8.35E-01	8.53E-01	7.94E-01
NP_001186125.1	ARMC6	armadillo repeat-containing protein 6 isoform 1	1.08	0.91	0.97	1.05	5.17E-01	4.01E-01	3.85E-01	2.56E-01
XP_005250207.1	CUX1	Homeobox protein cut-like 1 isoform X1	1.07	0.94	1.00	1.07	3.66E-01	2.48E-01	4.11E-01	2.82E-01
NP_689968.1	CNPY4	protein canopy homolog 4 precursor	0.92	1.01	0.93	0.95	2.80E-01	1.75E-01	3.08E-01	1.84E-01
NP_055500.1	HERPUD1	homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein isoform 1	0.84	0.99	0.82	1.01	1.22E-01	5.43E-02	4.59E-01	3.31E-01
XP_005254454.1	MYO5A	unconventional myosin-Va isoform X3	1.00	0.97	0.96	0.99	9.71E-01	9.58E-01	8.46E-01	7.84E-01
XP_011533354.1	GTF2F2	general transcription factor IIF subunit 2 isoform X1	1.05	0.98	1.02	1.02	4.25E-01	3.05E-01	4.36E-01	3.08E-01
NP_001338100.1	NT5C2	cytosolic purine 5'-nucleotidase isoform 2	1.13	0.88	0.99	1.13	2.12E-01	1.19E-01	1.24E-01	4.32E-02
NP_000480.3	ATRX	transcriptional regulator ATRX isoform 1	0.85	0.92	0.79	0.99	1.68E-02	1.75E-03	3.11E-01	1.87E-01
XP_024304777.1	ERGIC2	endoplasmic reticulum-Golgi intermediate compartment protein 2 isoform X1	1.21	0.81	0.97	1.02	3.43E-01	2.27E-01	3.10E-01	1.86E-01
NP_733779.1	SKP1	S-phase kinase-associated protein 1 isoform b	0.72	1.08	0.78	0.90	2.53E-02	3.57E-03	4.78E-02	4.20E-03
NP_932157.1	PHC2	polyhomeotic-like protein 2 isoform a	1.06	0.94	1.00	1.02	5.66E-02	1.64E-02	1.38E-01	5.27E-02
NP_036448.1	KPNA6	importin subunit alpha-7	0.93	1.05	0.98	1.05	1.72E-01	8.88E-02	1.50E-01	6.05E-02
NP_001306593.1	TMEM263	transmembrane protein 263 isoform a	1.11	1.03	1.16	1.11	5.69E-01	4.59E-01	7.82E-01	7.02E-01
NP_057185.1	NIP7	60S ribosome subunit biogenesis protein NIP7 homolog isoform 1	0.92	0.79	0.73	0.85	3.19E-01	2.07E-01	4.44E-01	3.15E-01
NP_055077.2	P3H3	prolyl 3-hydroxylase 3 precursor	0.79	1.18	0.92	0.95	3.11E-02	5.26E-03	6.60E-02	1.12E-02
NP_001658.2	ARL2	ADP-ribosylation factor-like protein 2 isoform 1	1.12	0.94	1.05	1.09	5.23E-01	4.08E-01	3.73E-01	2.45E-01
NP_071934.3	INF2	inverted formin-2 isoform 1	0.91	0.95	0.87	0.93	4.78E-03	1.41E-04	4.30E-01	3.02E-01
XP_011538901.1	OSBPL9	oxysterol-binding protein-related protein 9 isoform X1	1.05	0.92	0.97	1.11	3.63E-02	7.12E-03	1.15E-01	3.75E-02
NP_001127666.1	ACPP	prostatic acid phosphatase isoform TM-PAP precursor	1.15	0.86	0.99	1.07	2.96E-01	1.87E-01	1.42E-01	5.50E-02
NP_001128342.1	PPP1R18	phostensin	1.01	1.03	1.04	1.17	7.69E-03	3.35E-04	4.73E-01	3.46E-01
NP_149351.1	SURF4	surfeit locus protein 4 isoform 1	1.09	0.95	1.04	0.98	5.04E-01	3.88E-01	3.97E-01	2.67E-01
NP_001257412.1	TST	thiosulfate sulfurtransferase	0.87	1.13	0.98	0.89	4.10E-02	8.97E-03	1.38E-01	5.27E-02

XP_005247415.1	ATP2C1	calcium-transporting ATPase type 2C member 1 isoform X4	1.10	1.00	1.11	1.08	1.16E-01	4.94E-02	1.45E-01	5.67E-02
NP_008841.2	RBBP6	E3 ubiquitin-protein ligase RBBP6 isoform 1	1.02	1.02	1.04	1.04	7.91E-01	7.18E-01	9.78E-01	9.67E-01
NP_009034.2	NDUFV1	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial isoform 1 precursor	1.02	0.86	0.88	0.99	4.40E-01	3.20E-01	5.97E-02	8.96E-03
NP_055956.1	GPD1L	glycerol-3-phosphate dehydrogenase 1-like protein	1.04	1.02	1.06	1.08	2.03E-01	1.13E-01	4.29E-01	3.01E-01
NP_004365.1	COX6C	cytochrome c oxidase subunit 6C	1.05	1.04	1.08	1.07	2.02E-02	2.41E-03	7.25E-01	6.28E-01
NP_005393.2	RALA	ras-related protein Ral-A precursor	0.98	1.05	1.03	0.95	8.53E-01	7.93E-01	6.06E-01	4.91E-01
NP_001340896.1	STAMBP	STAM-binding protein isoform 1	1.11	0.91	1.01	1.07	8.02E-02	2.83E-02	9.07E-02	2.46E-02
XP_024302098.1	COX7A2	cytochrome c oxidase subunit 7A2, mitochondrial isoform X1	1.28	0.75	0.95	1.20	7.44E-02	2.52E-02	5.34E-02	6.25E-03
NP_037425.1	TRA2A	transformer-2 protein homolog alpha isoform 1	0.98	0.92	0.90	0.98	7.78E-01	7.01E-01	6.09E-01	4.95E-01
XP_024302907.1	CPSF1	cleavage and polyadenylation specificity factor subunit 1 isoform X1	1.03	0.99	1.02	1.02	4.37E-01	3.18E-01	3.64E-01	2.35E-01
XP_016880222.1	ANKFY1	rabankyrin-5 isoform X1	0.96	1.02	0.98	1.08	3.88E-01	2.69E-01	2.88E-01	1.67E-01
NP_000840.2	GSTM3	glutathione S-transferase Mu 3	1.21	1.00	1.21	1.29	1.30E-01	5.94E-02	2.70E-01	1.51E-01
NP_037379.1	HTRA2	serine protease HTRA2, mitochondrial isoform 1	1.04	1.02	1.06	1.02	2.72E-02	4.14E-03	6.87E-01	5.85E-01
NP_001317135.1	MIEN1	migration and invasion enhancer 1 isoform 2	0.90	1.04	0.93	0.98	3.54E-02	6.80E-03	6.77E-02	1.22E-02
NP_055446.2	SH3PXD2A	SH3 and PX domain-containing protein 2A isoform 1	1.15	1.11	1.28	1.23	2.20E-02	2.79E-03	3.62E-01	2.33E-01
NP_001269516.1	H6PD	GDH/6PGL endoplasmic bifunctional protein isoform 1 precursor	1.03	0.97	1.00	1.00	8.28E-01	7.62E-01	6.88E-01	5.86E-01
NP_009172.2	SNF8	vacuolar-sorting protein SNF8 isoform 1	1.05	0.98	1.03	1.05	3.00E-01	1.91E-01	2.49E-01	1.33E-01
NP_038472.2	UBQLN2	ubiquilin-2	1.05	1.05	1.11	1.04	2.69E-01	1.66E-01	9.73E-01	9.60E-01
XP_024303217.1	ALAD	delta-aminolevulinic acid dehydratase isoform X1	0.98	1.08	1.05	0.94	8.70E-01	8.17E-01	6.09E-01	4.95E-01
NP_008909.1	RNF113A	E3 ubiquitin-protein ligase RNF113A	0.83	1.04	0.87	1.00	1.09E-01	4.53E-02	1.58E-01	6.62E-02
XP_006710537.1	KDM1A	lysine-specific histone demethylase 1A isoform X1	0.90	0.91	0.83	0.93	6.42E-01	5.43E-01	9.77E-01	9.64E-01
NP_057156.1	GOLT1B	vesicle transport protein GOT1B	1.30	0.81	1.03	1.01	2.73E-01	1.69E-01	2.25E-01	1.13E-01
NP_001346122.1	HLA-DRB1	major histocompatibility complex, class II, DR beta 1 precursor	1.05	0.77	0.81	1.16	4.40E-01	3.20E-01	7.57E-02	1.59E-02
NP_001295169.1	MICOS13	MICOS complex subunit MIC13 isoform 1	0.93	1.03	0.96	0.92	6.21E-02	1.90E-02	6.17E-02	9.70E-03
XP_005267899.1	PPP4R3A	serine/threonine-protein phosphatase 4 regulatory subunit 3A isoform X1	1.11	0.92	1.03	1.06	1.16E-01	4.98E-02	8.00E-02	1.81E-02
NP_075566.3	PYCR3	pyrroline-5-carboxylate reductase 3 isoform 1	1.03	0.93	0.96	0.98	7.87E-01	7.12E-01	4.27E-01	2.99E-01
XP_016876094.1	PCCA	propionyl-CoA carboxylase alpha chain, mitochondrial isoform X1	1.07	1.07	1.15	1.13	2.55E-01	1.53E-01	9.82E-01	9.74E-01
NP_006318.1	TIMM23	mitochondrial import inner membrane translocase subunit Tim23	0.93	1.00	0.93	1.09	5.22E-02	1.43E-02	3.07E-01	1.84E-01
XP_016880525.1	ASPSCR1	tether containing UBX domain for GLUT4 isoform X1	1.10	0.92	1.01	1.10	5.43E-02	1.53E-02	8.65E-02	2.18E-02
NP_006147.1	NEDD8	NEDD8 precursor	0.99	0.96	0.95	0.96	1.53E-01	7.49E-02	3.88E-01	2.59E-01
XP_011532415.1	CCDC51	mitochondrial potassium channel isoform X1	1.08	1.01	1.09	1.11	9.79E-02	3.83E-02	1.36E-01	5.12E-02
XP_011508084.1	OTUD7B	OTU domain-containing protein 7B isoform X1	0.99	0.95	0.94	1.04	9.30E-01	9.00E-01	6.28E-01	5.16E-01
NP_002484.1	NDUFB6	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 isoform 1	1.05	1.07	1.12	1.16	1.11E-01	4.71E-02	7.82E-01	7.02E-01
NP_001243764.1	QTRT2	queuine tRNA-ribosyltransferase accessory subunit 2 isoform 2	1.15	0.80	0.91	1.01	3.84E-01	2.66E-01	3.54E-01	2.26E-01
NP_112179.2	FIP1L1	pre-mRNA 3'-end-processing factor FIP1 isoform 1	0.90	1.00	0.91	0.99	7.08E-02	2.33E-02	1.38E-01	5.25E-02
NP_064621.3	MRPL1	39S ribosomal protein L1, mitochondrial precursor	1.07	0.99	1.06	1.04	3.67E-01	2.49E-01	3.94E-01	2.65E-01
XP_024306343.1	MRPL10	39S ribosomal protein L10, mitochondrial isoform X1	0.97	0.95	0.92	0.89	8.18E-01	7.50E-01	9.77E-01	9.66E-01
XP_024305846.1	EDC3	enhancer of mRNA-decapping protein 3 isoform X1	1.05	0.91	0.96	1.01	2.69E-01	1.65E-01	1.76E-01	7.93E-02
NP_062826.2	METTL3	N6-adenosine-methyltransferase catalytic subunit	1.00	1.05	1.05	1.01	9.69E-01	9.56E-01	5.05E-01	3.79E-01
NP_653237.1	CHCHD4	mitochondrial intermembrane space import and assembly protein 40 isoform 2	0.79	1.02	0.80	0.95	1.05E-01	4.30E-02	1.20E-01	4.11E-02
XP_024307971.1	SUN2	SUN domain-containing protein 2 isoform X1	1.10	1.05	1.15	1.12	6.33E-01	5.29E-01	8.40E-01	7.76E-01
NP_001258670.1	CSNK1A1	casein kinase 1 isoform alpha isoform 3	1.03	0.99	1.02	1.14	3.89E-01	2.70E-01	3.23E-01	1.98E-01
XP_005265184.1	LAMB2	laminin subunit beta-2 isoform X1	0.94	1.04	0.98	1.09	3.28E-01	2.14E-01	2.15E-01	1.06E-01
NP_644810.1	WDR36	WD repeat-containing protein 36	1.09	0.96	1.04	1.02	4.51E-02	1.08E-02	5.00E-02	4.90E-03
NP_002805.1	PSMD10	26S proteasome non-ATPase regulatory subunit 10 isoform 1	1.03	1.04	1.07	1.03	6.69E-01	5.71E-01	8.67E-01	8.13E-01
NP_001280569.1	WASHC4	WASH complex subunit 4 isoform 1	1.07	0.90	0.97	1.13	2.04E-01	1.13E-01	2.17E-01	1.08E-01
XP_005264506.2	BIRC6	baculoviral IAP repeat-containing protein 6 isoform X1	1.00	0.95	0.96	1.02	9.81E-01	9.73E-01	5.24E-01	4.01E-01

NP_004126.1	IDH3G	isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial isoform a precursor	1.10	0.95	1.04	1.06	7.71E-02	2.67E-02	2.37E-01	1.23E-01
NP_067000.1	LSM2	U6 snRNA-associated Sm-like protein LSM2	1.22	0.78	0.94	0.98	1.70E-01	8.72E-02	2.41E-01	1.26E-01
NP_653182.1	L3HYPDH	trans-3-hydroxy-L-proline dehydratase isoform a	1.09	0.99	1.08	1.12	1.11E-01	4.69E-02	1.22E-01	4.19E-02
NP_056005.1	DNAJC9	dnaJ homolog subfamily C member 9	0.99	1.01	1.00	1.03	7.55E-01	6.74E-01	7.53E-01	6.66E-01
XP_011535239.1	ARHGEF40	rho guanine nucleotide exchange factor 40 isoform X1	1.00	0.93	0.94	0.98	9.87E-01	9.82E-01	5.68E-01	4.51E-01
NP_001139247.1	FKBP5	peptidyl-prolyl cis-trans isomerase FKBP5 isoform 1	1.02	0.97	0.99	1.04	9.53E-02	3.66E-02	2.66E-01	1.47E-01
NP_001830.1	CNN3	calponin-3 isoform 1	1.00	1.02	1.02	1.14	9.09E-01	8.69E-01	7.69E-01	6.86E-01
XP_006711467.2	PPOX	protoporphyrinogen oxidase isoform X8	1.19	0.87	1.00	1.05	6.17E-01	5.13E-01	4.67E-01	3.40E-01
NP_110438.1	MRPS26	28S ribosomal protein S26, mitochondrial	1.22	0.85	1.02	1.01	4.45E-01	3.25E-01	3.10E-01	1.87E-01
NP_060586.2	MST01	protein misato homolog 1 isoform a	1.10	0.97	1.07	1.08	1.29E-02	9.58E-04	5.98E-02	8.97E-03
NP_002084.2	GSK3B	glycogen synthase kinase-3 beta isoform 1	1.02	0.93	0.94	1.08	8.98E-01	8.55E-01	5.58E-01	4.36E-01
NP_777567.1	PPP4R2	serine/threonine-protein phosphatase 4 regulatory subunit 2 isoform 1	0.96	0.99	0.95	1.06	5.15E-02	1.40E-02	5.66E-01	4.46E-01
NP_851853.1	LEMD2	LEM domain-containing protein 2 isoform 1	1.17	1.05	1.24	1.03	2.66E-01	1.62E-01	4.65E-01	3.37E-01
NP_004482.4	ARHGAP35	rho GTPase-activating protein 35	1.00	0.87	0.88	0.94	9.86E-01	9.78E-01	2.05E-01	1.00E-01
NP_061164.3	ARL6IP4	ADP-ribosylation factor-like protein 6-interacting protein 4 isoform 1	0.88	1.01	0.89	0.97	7.27E-02	2.42E-02	3.19E-01	1.94E-01
NP_037466.2	GMPPB	mannose-1-phosphate guanyltransferase beta isoform 1	1.06	1.03	1.09	1.04	7.27E-02	2.42E-02	3.24E-01	1.99E-01
NP_009167.1	CHP1	calcineurin B homologous protein 1	1.02	1.03	1.04	1.11	9.35E-01	9.06E-01	9.27E-01	8.96E-01
NP_001272979.1	FAM168A	protein FAM168A isoform 1	0.77	0.96	0.74	0.97	8.07E-02	2.88E-02	3.61E-01	2.33E-01
NP_001129058.1	C5orf24	UPF0461 protein C5orf24 isoform 1	0.88	0.99	0.87	1.00	5.44E-02	1.54E-02	1.03E-01	3.10E-02
NP_057019.3	EEF1AKNMT	eEF1A lysine and N-terminal methyltransferase isoform 1	1.11	0.91	1.01	1.06	1.61E-01	8.10E-02	9.22E-02	2.55E-02
XP_011519460.1	HMG20A	high mobility group protein 20A isoform X1	0.98	0.84	0.81	0.99	8.95E-01	8.52E-01	5.34E-01	4.11E-01
XP_016864840.1	SH3PXD2B	SH3 and PX domain-containing protein 2B isoform X1	1.05	1.10	1.15	1.12	1.79E-02	1.93E-03	6.63E-01	5.58E-01
NP_079478.1	EFHD1	EF-hand domain-containing protein D1 isoform 1	0.82	1.26	0.97	0.87	6.07E-01	5.01E-01	4.58E-01	3.30E-01
NP_001350643.1	ZMYND8	protein kinase C-binding protein 1 isoform s	0.85	1.01	0.85	0.98	2.55E-02	3.68E-03	8.74E-02	2.24E-02
NP_001491.1	GMDS	GDP-mannose 4,6 dehydratase isoform 1	1.05	0.93	0.98	1.02	5.64E-02	1.62E-02	2.09E-01	1.03E-01
NP_002660.1	PLRG1	pleiotropic regulator 1 isoform 1	0.99	1.00	0.99	1.01	8.30E-01	7.64E-01	9.44E-01	9.19E-01
XP_016861617.1	GAP43	neuromodulin isoform X1	0.98	1.05	0.88	1.13	8.78E-01	8.29E-01	9.46E-01	9.22E-01
NP_006030.2	MRC2	C-type mannose receptor 2 precursor	0.94	0.97	0.92	1.10	4.82E-02	1.21E-02	1.88E-01	8.82E-02
NP_057113.1	DHRS7	dehydrogenase/reductase SDR family member 7 isoform 1 precursor	1.12	1.06	1.19	1.11	2.29E-01	1.32E-01	6.47E-01	5.37E-01
NP_060245.3	TTC19	tetratricopeptide repeat protein 19, mitochondrial isoform 1 precursor	0.98	1.02	1.00	1.06	5.04E-02	1.31E-02	2.31E-01	1.19E-01
NP_055726.3	AAK1	AP2-associated protein kinase 1 isoform 1	1.05	0.97	1.02	1.10	8.40E-02	3.05E-02	7.19E-02	1.44E-02
XP_011508833.1	FMNL2	formin-like protein 2 isoform X2	1.19	0.97	1.15	1.16	2.62E-01	1.59E-01	3.39E-01	2.12E-01
XP_024304387.1	SCYL1	N-terminal kinase-like protein isoform X1	1.06	1.00	1.06	1.01	4.04E-01	2.84E-01	4.91E-01	3.64E-01
NP_291025.3	INTS4	integrator complex subunit 4	1.23	0.85	1.04	1.09	3.58E-02	6.92E-03	2.61E-01	1.42E-01
NP_115716.1	UQCC2	ubiquinol-cytochrome-c reductase complex assembly factor 2	1.12	0.90	1.00	1.11	1.02E-01	4.09E-02	1.79E-01	8.16E-02
NP_001350747.1	MTX3	metaxin-3 isoform 3	1.17	0.96	1.12	1.12	3.89E-02	8.24E-03	1.15E-01	3.81E-02
NP_036270.1	AATF	protein AATF	1.03	0.98	1.01	1.10	4.02E-01	2.82E-01	4.97E-01	3.72E-01
NP_004779.2	UBE4A	ubiquitin conjugation factor E4 A isoform 1	1.00	1.00	1.00	0.99	9.89E-01	9.85E-01	9.94E-01	9.90E-01
NP_001540.2	IFIT3	interferon-induced protein with tetratricopeptide repeats 3 isoform a	0.94	0.91	0.85	1.08	2.56E-01	1.54E-01	4.95E-01	3.69E-01
NP_001243093.1	TMCO1	calcium load-activated calcium channel isoform b	1.13	1.04	1.18	1.08	1.63E-01	8.22E-02	2.90E-01	1.68E-01
NP_060616.1	MRM3	rRNA methyltransferase 3, mitochondrial isoform 1 precursor	1.08	1.14	1.23	1.09	4.01E-02	8.62E-03	1.03E-01	3.09E-02
NP_001091952.1	CRTC1	CREB-regulated transcription coactivator 1 isoform 3	0.95	1.05	1.00	1.16	8.10E-02	2.91E-02	5.44E-01	4.23E-01
XP_011532107.1	TEX264	testis-expressed protein 264 isoform X2	1.19	1.12	1.34	1.12	1.45E-01	6.97E-02	6.15E-01	5.01E-01
NP_001171112.1	DAG1	dystroglycan	1.12	0.88	0.98	1.03	6.16E-01	5.11E-01	3.72E-01	2.43E-01
NP_004993.1	NDUFA9	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial precursor	1.17	0.98	1.15	1.07	2.59E-01	1.56E-01	2.85E-01	1.64E-01
NP_031388.2	NCBP2	nuclear cap-binding protein subunit 2 isoform 1	0.97	0.91	0.88	1.10	5.47E-01	4.33E-01	2.93E-01	1.72E-01
NP_006775.1	WDR3	WD repeat-containing protein 3	1.01	0.95	0.96	1.01	9.55E-01	9.36E-01	6.16E-01	5.02E-01

NP_006824.2	COPS6	COP9 signalosome complex subunit 6	1.11	0.93	1.03	1.04	4.49E-02	1.07E-02	9.10E-02	2.48E-02
NP_002711.1	PPP4C	serine/threonine-protein phosphatase 4 catalytic subunit isoform 1	1.01	0.86	0.87	1.00	8.32E-01	7.68E-01	6.77E-02	1.22E-02
NP_054781.1	NOB1	RNA-binding protein NOB1	1.02	0.98	1.00	1.05	4.19E-01	2.99E-01	3.44E-01	2.17E-01
NP_000988.1	RPL37	60S ribosomal protein L37	0.67	1.33	0.89	0.77	2.19E-02	2.76E-03	3.53E-02	1.25E-03
XP_011544423.1	BCL2L13	bcl-2-like protein 13 isoform X2	1.08	0.94	1.01	1.02	3.10E-01	1.98E-01	1.70E-01	7.47E-02
NP_115865.1	MRPS6	28S ribosomal protein S6, mitochondrial	0.89	1.00	0.89	1.01	8.91E-02	3.35E-02	1.14E-01	3.65E-02
NP_612441.1	SDSL	serine dehydratase-like	1.02	1.02	1.04	1.05	3.22E-01	2.10E-01	8.82E-01	8.33E-01
NP_071446.2	MRPL46	39S ribosomal protein L46, mitochondrial	1.07	0.92	0.99	1.09	9.33E-02	3.56E-02	2.34E-01	1.21E-01
XP_011508213.1	SOAT1	sterol O-acyltransferase 1 isoform X1	1.01	1.04	1.05	1.08	8.72E-01	8.19E-01	5.72E-01	4.55E-01
NP_001988.1	FAU	ubiquitin-like protein fubi and ribosomal protein S30 precursor	0.81	1.07	0.87	0.85	2.51E-02	3.52E-03	3.69E-02	1.96E-03
XP_011537850.1	WAPL	wings apart-like protein homolog isoform X1	1.12	0.84	0.94	1.00	5.95E-02	1.78E-02	1.05E-01	3.17E-02
NP_653337.1	NDUFAF7	protein arginine methyltransferase NDUFAF7, mitochondrial isoform 1	1.12	0.96	1.08	1.10	1.37E-01	6.37E-02	1.15E-01	3.78E-02
NP_001268231.1	GFM2	ribosome-releasing factor 2, mitochondrial isoform 4	1.03	0.97	1.00	1.09	2.87E-03	5.92E-05	1.27E-01	4.57E-02
XP_006724089.1	MRPL39	39S ribosomal protein L39, mitochondrial isoform X2	0.99	0.97	0.96	1.04	5.24E-01	4.09E-01	5.61E-01	4.40E-01
NP_003578.2	DHX16	pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16 isoform 1	0.97	1.01	0.98	1.10	6.71E-01	5.74E-01	6.45E-01	5.35E-01
NP_006256.1	RAD21	double-strand-break repair protein rad21 homolog	0.97	1.02	0.99	1.08	1.51E-02	1.36E-03	2.65E-01	1.46E-01
NP_065796.2	AARS2	alanine--tRNA ligase, mitochondrial	0.95	1.03	0.97	1.01	3.89E-01	2.70E-01	3.09E-01	1.85E-01
XP_016878127.1	CDE276	CD276 antigen isoform X1	0.98	1.02	1.01	0.98	2.09E-01	1.16E-01	5.82E-01	4.67E-01
NP_647473.1	YME1L1	ATP-dependent zinc metalloprotease YME1L1 isoform 1	1.04	0.90	0.91	1.13	9.24E-01	8.88E-01	6.84E-01	5.81E-01
NP_004634.1	PABPN1	polyadenylate-binding protein 2 isoform 1	0.80	1.08	0.87	0.92	1.09E-01	4.52E-02	9.14E-02	2.50E-02
NP_005031.1	PRCP	lysosomal Pro-X carboxypeptidase isoform 1	1.05	1.05	1.10	1.05	6.60E-01	5.63E-01	9.24E-01	8.92E-01
NP_705618.1	NUP155	nuclear pore complex protein Nup155 isoform 1	1.14	0.99	1.12	1.11	1.86E-01	9.90E-02	2.53E-01	1.36E-01
NP_005643.2	TERF2	telomeric repeat-binding factor 2	1.02	1.03	1.02	1.02	9.69E-01	9.55E-01	9.95E-01	9.92E-01
NP_006729.4	AKAP13	A-kinase anchor protein 13 isoform 1	1.02	0.95	0.98	1.10	3.44E-01	2.28E-01	1.60E-01	6.78E-02
NP_008964.3	RER1	protein RER1	0.97	1.02	0.98	0.95	7.45E-01	6.63E-01	7.58E-01	6.72E-01
NP_443107.1	VPS26B	vacuolar protein sorting-associated protein 26B	1.17	0.97	1.11	1.35	6.81E-01	5.87E-01	6.38E-01	5.26E-01
NP_057025.2	ATP6V1H	V-type proton ATPase subunit H isoform 1	1.32	1.23	1.69	1.18	4.51E-01	3.32E-01	8.86E-01	8.37E-01
NP_057662.3	RSF1	remodeling and spacing factor 1	0.96	1.02	0.98	1.03	6.90E-01	5.96E-01	6.71E-01	5.67E-01
NP_001185987.1	ARPN-AP3S2	C15orf38-AP3S2 fusion protein	0.91	1.03	0.94	1.01	2.11E-02	2.62E-03	4.43E-02	3.17E-03
NP_060853.3	WDR33	pre-mRNA 3' end processing protein WDR33 isoform 1	0.97	0.97	0.94	1.05	3.11E-01	1.99E-01	9.42E-01	9.15E-01
NP_001317344.1	LARP4	la-related protein 4 isoform g	1.07	0.84	0.89	1.02	7.43E-01	6.61E-01	3.65E-01	2.36E-01
NP_067066.1	ABRACL	costars family protein ABRACL	0.95	1.05	0.99	0.83	7.09E-01	6.19E-01	5.36E-01	4.14E-01
NP_003889.1	SYNJ2	synaptojanin-2 isoform 1	1.02	1.00	1.02	1.10	2.81E-02	4.31E-03	8.58E-01	8.01E-01
NP_808800.1	GOLM1	Golgi membrane protein 1	0.85	1.08	0.92	1.03	2.54E-01	1.52E-01	1.84E-01	8.53E-02
NP_001008212.1	OPTN	optineurin	0.85	1.17	1.00	1.01	6.99E-02	2.27E-02	6.87E-02	1.27E-02
NP_001112362.1	GLRX	glutaredoxin-1	0.93	1.05	0.98	1.11	9.56E-02	3.69E-02	7.58E-02	1.60E-02
NP_054727.1	CCDC22	coiled-coil domain-containing protein 22	1.12	0.94	1.05	1.07	3.24E-01	2.11E-01	2.77E-01	1.57E-01
NP_872375.2	GDPD1	lysophospholipase D GDPD1 isoform 1	1.00	1.13	1.14	1.15	9.87E-01	9.83E-01	4.57E-01	3.29E-01
XP_016885226.1	UPF3B	regulator of nonsense transcripts 3B isoform X1	1.04	0.92	0.95	1.03	8.40E-01	7.78E-01	5.92E-01	4.78E-01
NP_001015049.1	BAG5	BAG family molecular chaperone regulator 5 isoform a	1.02	1.05	1.07	1.02	9.35E-01	9.06E-01	7.93E-01	7.15E-01
XP_005248173.1	TMEM33	transmembrane protein 33 isoform X1	1.17	0.93	1.09	1.22	1.30E-01	5.93E-02	1.27E-01	4.49E-02
XP_024304327.1	PAK1	serine/threonine-protein kinase PAK 1 isoform X2	0.96	1.04	0.99	0.94	7.51E-01	6.70E-01	6.17E-01	5.03E-01
XP_016866973.1	WDR46	WD repeat-containing protein 46 isoform X1	0.89	0.86	0.78	0.87	5.93E-01	4.85E-01	9.24E-01	8.91E-01
NP_076943.1	TRIR	telomerase RNA component interacting RNase isoform 1	0.85	1.03	0.87	1.04	1.15E-02	7.23E-04	5.79E-02	7.96E-03
NP_001272808.1	CEBPB	CCAAT/enhancer-binding protein beta isoform c	1.08	0.95	1.03	1.14	4.68E-03	1.32E-04	1.84E-01	8.47E-02
NP_001229971.1	HLA-C	HLA class I histocompatibility antigen, C alpha chain precursor	0.52	1.48	0.77	0.84	8.87E-03	4.32E-04	3.53E-02	1.23E-03
NP_006393.2	LAMTOR5	ragulator complex protein LAMTOR5	0.94	1.15	1.09	1.26	7.80E-01	7.04E-01	4.88E-01	3.61E-01

NP_006398.1	ARL6IP5	PRA1 family protein 3	1.16	1.03	1.19	1.10	1.16E-02	7.44E-04	4.04E-02	2.36E-03
NP_055969.1	MESD	LRP chaperone MESD precursor	1.09	1.01	1.10	1.09	4.96E-02	1.28E-02	1.43E-01	5.57E-02
NP_001124151.1	EIF4E	eukaryotic translation initiation factor 4E isoform 2	1.07	1.03	1.10	1.00	4.06E-01	2.85E-01	7.32E-01	6.40E-01
NP_006387.1	ZNRD2	protein ZNRD2 isoform 1	1.06	0.96	1.02	1.04	4.49E-01	3.30E-01	4.53E-01	3.24E-01
XP_011524044.1	SEHL	nucleoporin SEH1 isoform X1	0.96	1.16	1.10	0.95	8.48E-01	7.87E-01	5.41E-01	4.19E-01
XP_016858797.1	NUP35	nucleoporin NUP35 isoform X1	1.03	1.03	1.06	1.06	3.68E-02	7.35E-03	9.64E-01	9.47E-01
XP_006715898.1	CDK6	cyclin-dependent kinase 6 isoform X1	1.12	1.04	1.17	1.05	7.48E-02	2.54E-02	1.88E-01	8.79E-02
NP_001101.1	ADAM10	disintegrin and metalloproteinase domain-containing protein 10 isoform 1	0.87	0.94	0.81	0.97	5.09E-02	1.36E-02	4.65E-01	3.37E-01
XP_011511846.1	AFAP1	actin filament-associated protein 1 isoform X1	0.98	0.97	0.95	1.12	6.16E-01	5.11E-01	9.17E-01	8.79E-01
NP_060831.2	AGPAT5	1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon	1.17	0.91	1.06	1.08	2.26E-01	1.29E-01	1.59E-01	6.68E-02
NP_001093896.1	RAP1GDS1	rap1 GTPase-GDP dissociation stimulator 1 isoform 1	1.45	0.70	1.00	1.05	9.65E-02	3.74E-02	1.40E-01	5.38E-02
NP_115570.1	RPF2	ribosome production factor 2 homolog isoform 1	0.98	1.12	1.10	0.99	1.09E-01	4.55E-02	4.55E-02	3.68E-03
NP_005699.1	GPC6	glypican-6 precursor	1.08	0.87	0.93	0.99	3.70E-02	7.44E-03	5.24E-01	4.01E-01
XP_005268509.2	PCDH1	protocadherin-1 isoform X1	1.09	1.18	1.28	1.04	2.03E-01	1.12E-01	4.16E-01	2.88E-01
NP_001012750.1	DCTD	deoxycytidylate deaminase isoform a	1.07	1.30	1.40	1.07	4.13E-02	9.05E-03	7.30E-01	6.36E-01
NP_001333475.2	CRAT	carnitine O-acetyltransferase isoform 3	1.02	0.98	1.00	0.96	8.48E-01	7.88E-01	7.14E-01	6.16E-01
NP_115714.1	LLPH	protein LLP homolog	0.85	1.03	0.88	0.94	3.59E-02	6.97E-03	1.00E-01	2.93E-02
NP_063937.2	GSK3A	glycogen synthase kinase-3 alpha	0.94	1.01	0.95	0.99	5.53E-01	4.40E-01	5.59E-01	4.37E-01
XP_011521726.1	NOL3	nucleolar protein 3 isoform X1	0.83	1.01	0.84	1.02	4.78E-02	1.19E-02	7.21E-02	1.48E-02
NP_852127.2	MRPL55	39S ribosomal protein L55, mitochondrial isoform b	1.03	0.94	0.97	1.09	6.63E-01	5.65E-01	4.13E-01	2.85E-01
NP_057370.1	DCXR	L-xylulose reductase isoform 1	1.12	0.91	1.03	1.12	3.55E-02	6.83E-03	4.32E-02	2.80E-03
NP_060739.2	ADI1	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase isoform 1	0.92	1.01	0.92	0.96	1.36E-02	1.05E-03	7.88E-02	1.73E-02
NP_055950.2	NUP205	nuclear pore complex protein Nup205 isoform 1	1.13	0.94	1.07	1.04	2.02E-02	2.44E-03	9.44E-02	2.67E-02
NP_055037.1	NDUFA8	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 isoform 1	0.93	1.09	1.01	1.12	2.65E-01	1.61E-01	1.54E-01	6.27E-02
XP_006722823.1	NFIX	nuclear factor 1 X-type isoform X6	1.04	0.95	0.99	1.15	7.51E-01	6.70E-01	5.69E-01	4.53E-01
XP_016877890.1	DNAJC17	dnaJ homolog subfamily C member 17 isoform X1	0.90	1.02	0.92	1.02	4.92E-01	3.75E-01	4.49E-01	3.21E-01
NP_001257662.1	BCL2L13	bcl-2-like protein 13 isoform g	1.04	0.96	1.00	1.08	7.28E-01	6.41E-01	5.27E-01	4.04E-01
NP_001274.1	AP1S1	AP-1 complex subunit sigma-1A	0.96	1.07	1.02	1.05	6.41E-01	5.41E-01	3.44E-01	2.17E-01
XP_016877625.1	IGF1R	insulin-like growth factor 1 receptor isoform X1	0.89	1.17	1.03	1.06	5.28E-01	4.13E-01	3.66E-01	2.37E-01
NP_006432.1	MTHFS	5-formyltetrahydrofolate cyclo-ligase isoform a	1.08	0.95	1.03	1.07	6.26E-02	1.93E-02	8.31E-02	1.98E-02
NP_001001888.3	VCX3B	variable charge X-linked protein 3B	0.83	1.07	0.89	0.98	2.88E-02	4.62E-03	8.00E-02	1.81E-02
NP_056449.1	KIFBP	KIF-binding protein	1.10	0.84	0.93	1.03	3.13E-01	2.02E-01	1.14E-01	3.65E-02
NP_001009993.2	FAM168B	myelin-associated neurite-outgrowth inhibitor	0.91	1.17	1.07	1.16	3.38E-01	2.22E-01	2.36E-01	1.23E-01
NP_001216.1	CASP4	caspase-4 isoform alpha precursor	1.10	0.91	1.00	1.13	3.27E-02	5.79E-03	7.04E-02	1.36E-02
NP_057056.1	POLR1D	DNA-directed RNA polymerases I and III subunit RPAC2 isoform 1	0.91	1.09	1.00	1.03	3.99E-01	2.79E-01	2.11E-01	1.04E-01
XP_005250580.1	EXOC4	exocyst complex component 4 isoform X2	1.03	0.88	0.91	1.50	3.47E-01	2.30E-01	7.16E-02	1.40E-02
NP_006261.1	RRAS	ras-related protein R-Ras	0.94	1.12	1.06	1.07	5.17E-01	4.02E-01	3.44E-01	2.17E-01
NP_115984.3	PPP1R9B	neurabin-2	0.95	1.31	1.24	1.10	1.22E-01	5.38E-02	4.45E-02	3.30E-03
NP_001128567.1	FNDC3B	fibronectin type III domain-containing protein 3B	0.87	0.98	0.86	1.02	2.21E-01	1.26E-01	3.33E-01	2.07E-01
XP_005273855.1	AMOTL1	angiomin-like protein 1 isoform X1	0.84	0.94	0.79	0.90	2.00E-01	1.09E-01	5.01E-01	3.76E-01
NP_116147.1	PHF5A	PHD finger-like domain-containing protein 5A	0.98	0.99	0.96	1.05	1.94E-03	2.63E-05	3.91E-01	2.62E-01
NP_056277.2	NOL11	nucleolar protein 11 isoform 1	1.08	0.88	0.95	1.06	5.38E-01	4.23E-01	3.94E-01	2.65E-01
NP_009139.1	MRPL3	39S ribosomal protein L3, mitochondrial	0.88	1.01	0.89	1.04	5.34E-04	3.55E-06	2.31E-01	1.18E-01
NP_003162.2	SUPV3L1	ATP-dependent RNA helicase SUPV3L1, mitochondrial isoform 1	2.64	0.71	1.29	1.18	3.77E-01	2.59E-01	3.90E-01	2.61E-01
NP_835461.2	ZNF598	E3 ubiquitin-protein ligase ZNF598	1.10	0.91	1.00	1.01	8.02E-02	2.82E-02	2.17E-01	1.09E-01
NP_443157.1	LENG8	leukocyte receptor cluster member 8 isoform 3	1.07	0.98	1.11	1.03	8.73E-01	8.21E-01	8.49E-01	7.88E-01
XP_024306306.1	P3H4	endoplasmic reticulum protein SC65 isoform X2	0.99	0.90	0.89	1.06	4.07E-01	2.87E-01	2.52E-01	1.35E-01

NP_005763.3	RCL1	RNA 3'-terminal phosphate cyclase-like protein isoform a	0.95	1.02	0.97	1.13	4.50E-01	3.31E-01	3.57E-01	2.29E-01
NP_001768.1	CD47	leukocyte surface antigen CD47 isoform 1 precursor	1.05	0.99	1.04	1.05	2.46E-01	1.45E-01	2.61E-01	1.42E-01
XP_011533696.1	ASCC3	activating signal cointegrator 1 complex subunit 3 isoform X1	1.04	0.93	0.97	1.13	1.79E-01	9.38E-02	4.04E-01	2.74E-01
NP_057562.3	ZC3HC1	nuclear-interacting partner of ALK isoform 1	1.13	0.92	1.04	1.06	8.03E-02	2.85E-02	1.04E-01	3.16E-02
NP_976043.1	CHCHD1	coiled-coil-helix-coiled-coil-helix domain-containing protein 1	1.00	1.02	1.02	1.03	6.36E-01	5.33E-01	3.90E-01	2.61E-01
XP_016867448.1	INTS1	integrator complex subunit 1 isoform X1	0.94	0.95	0.89	1.10	1.45E-01	6.95E-02	6.87E-01	5.84E-01
NP_057154.2	MRPS23	28S ribosomal protein S23, mitochondrial	1.07	0.91	0.97	1.05	1.22E-01	5.38E-02	6.26E-02	9.97E-03
XP_006712115.1	KCMF1	E3 ubiquitin-protein ligase KCMF1 isoform X2	1.10	0.90	0.99	1.10	3.08E-01	1.96E-01	2.90E-01	1.70E-01
XP_005255597.1	UBE2I	SUMO-conjugating enzyme UBC9 isoform X1	1.02	1.03	1.05	1.01	6.17E-01	5.13E-01	8.56E-01	7.98E-01
XP_016874924.1	PHLN1	periphilin-1 isoform X1	0.88	1.03	0.90	0.97	1.68E-01	8.57E-02	1.80E-01	8.22E-02
NP_115544.1	WDR75	WD repeat-containing protein 75 isoform 1	1.10	0.95	1.03	1.08	1.90E-01	1.02E-01	2.04E-01	9.96E-02
NP_001001795.1	C8orf82	UPF0598 protein C8orf82	1.09	0.92	1.00	1.20	6.17E-01	5.13E-01	3.83E-01	2.54E-01
XP_005251567.1	PLGRKT	plasminogen receptor (KT) isoform X1	1.25	1.04	1.29	1.19	6.22E-02	1.91E-02	1.01E-01	2.96E-02
NP_071381.1	XPNPEP3	xaa-Pro aminopeptidase 3 isoform 1	1.01	0.97	0.97	1.05	9.55E-01	9.37E-01	8.49E-01	7.88E-01
XP_005268523.1	RBM27	RNA-binding protein 27 isoform X1	1.30	1.30	1.74	1.24	1.80E-01	9.45E-02	9.19E-01	8.84E-01
XP_005273996.1	MACROD1	ADP-ribose glycohydrolase MACROD1 isoform X1	1.07	1.00	1.08	1.07	1.51E-01	7.32E-02	1.76E-01	7.92E-02
NP_001269690.1	CFAP36	cilia- and flagella-associated protein 36 isoform a	0.88	1.14	1.01	1.05	3.10E-01	1.99E-01	1.55E-01	6.41E-02
NP_055862.1	EMC1	ER membrane protein complex subunit 1 isoform 1 precursor	1.08	0.93	1.01	1.07	1.92E-02	2.20E-03	1.31E-01	4.80E-02
NP_064551.3	MCCC1	methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial isoform 1 precursor	1.27	0.85	1.07	1.14	2.66E-01	1.63E-01	1.74E-01	7.78E-02
NP_055302.1	ZNF330	zinc finger protein 330 isoform 1	0.96	0.96	0.92	1.02	7.49E-01	6.67E-01	9.56E-01	9.36E-01
NP_001307256.1	CHCHD2	coiled-coil-helix-coiled-coil-helix domain-containing protein 2 precursor isoform 1	1.77	1.04	1.84	1.17	1.16E-02	7.39E-04	3.53E-02	1.26E-03
XP_005265804.1	XOC1	exocyst complex component 1 isoform X1	1.12	0.94	1.04	1.16	4.33E-01	3.12E-01	3.09E-01	1.85E-01
XP_024304204.1	TIMM10	mitochondrial import inner membrane translocase subunit Tim10 isoform X1	0.87	1.02	0.89	1.01	5.53E-02	1.58E-02	1.12E-01	3.53E-02
NP_001350707.1	SYNGR2	synaptogyrin-2 isoform 3	1.10	1.03	1.14	1.06	2.84E-01	1.78E-01	4.69E-01	3.41E-01
NP_001027553.1	PQBP1	polyglutamine-binding protein 1 isoform 1	0.91	0.99	0.91	1.03	9.49E-02	3.65E-02	1.27E-01	4.54E-02
NP_958839.1	GAS7	growth arrest-specific protein 7 isoform c	1.20	0.89	1.02	1.27	7.29E-01	6.42E-01	6.10E-01	4.96E-01
NP_003156.1	STXBP1	syntaxin-binding protein 1 isoform a	0.98	1.05	1.03	1.04	2.54E-01	1.52E-01	2.77E-01	1.57E-01
NP_061961.2	PAF1	RNA polymerase II-associated factor 1 homolog isoform 1	1.26	0.64	0.81	1.14	3.02E-01	1.92E-01	1.18E-01	3.97E-02
XP_011528984.1	PLXNB2	plexin-B2 isoform X1	1.07	1.03	1.10	1.07	6.23E-01	5.19E-01	8.28E-01	7.59E-01
NP_001310304.1	CAMK4	calcium/calmodulin-dependent protein kinase type IV isoform 1	0.96	0.98	0.94	1.03	6.90E-01	5.97E-01	8.35E-01	7.68E-01
NP_001883.4	CSNK1A1	casein kinase 1 isoform alpha isoform 2	0.97	0.95	0.92	1.07	7.77E-01	6.99E-01	8.73E-01	8.21E-01
XP_005266969.3	PNISR	arginine/serine-rich protein PNISR isoform X1	0.88	1.10	0.96	0.95	4.10E-01	2.90E-01	3.05E-01	1.81E-01
NP_060917.1	EMC3	ER membrane protein complex subunit 3	1.14	0.95	1.08	1.07	2.32E-01	1.34E-01	1.74E-01	7.75E-02
NP_004765.2	MED1	mediator of RNA polymerase II transcription subunit 1	1.00	0.95	0.95	1.04	9.70E-01	9.56E-01	4.34E-01	3.06E-01
NP_004992.2	NDUFA7	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7	0.95	1.04	0.98	1.08	4.74E-01	3.57E-01	4.23E-01	2.94E-01
NP_077304.1	THTPA	thiamine-triphosphatase isoform 1	1.09	0.82	0.84	1.03	8.08E-01	7.39E-01	5.96E-01	4.81E-01
XP_011508451.1	GORAB	RAB6-interacting golgin isoform X1	0.89	0.99	0.87	1.10	2.98E-01	1.89E-01	4.26E-01	2.98E-01
NP_002757.2	PRPSAP1	phosphoribosyl pyrophosphate synthase-associated protein 1 isoform 1	1.26	0.78	0.99	0.88	6.31E-02	1.97E-02	1.28E-01	4.58E-02
XP_011543847.1	CTPS2	CTP synthase 2 isoform X1	0.95	0.97	0.93	0.97	1.16E-02	7.57E-04	9.78E-01	9.68E-01
NP_057673.2	TIMMDC1	complex I assembly factor TIMMDC1, mitochondrial precursor	1.02	1.12	1.15	1.06	8.64E-01	8.08E-01	5.81E-01	4.65E-01
NP_115875.1	DCTN5	dynactin subunit 5 isoform 1	1.02	0.96	0.98	1.07	8.69E-01	8.15E-01	6.99E-01	5.98E-01
NP_056993.2	NBAS	neuroblastoma-amplified sequence	0.97	1.01	0.98	1.07	6.75E-01	5.79E-01	6.16E-01	5.03E-01
NP_000777.1	CYP51A1	lanosterol 14-alpha demethylase isoform 1 precursor	0.94	1.42	1.33	1.47	3.54E-01	2.37E-01	5.87E-02	8.51E-03
NP_036332.2	B3GAT3	galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 3 isoform 1	1.07	0.95	1.01	1.12	1.44E-01	6.91E-02	2.47E-01	1.32E-01
NP_060726.3	WDR12	ribosome biogenesis protein WDR12 isoform 1	1.08	0.92	1.00	1.00	3.95E-01	2.74E-01	2.30E-01	1.17E-01
XP_016861539.1	ZBTB38	zinc finger and BTB domain-containing protein 38 isoform X1	1.01	1.02	1.04	1.00	6.25E-01	5.21E-01	8.12E-01	7.39E-01
NP_001185971.1	STRA6	receptor for retinol uptake STRA6 isoform f	0.80	0.86	0.69	0.96	6.26E-02	1.93E-02	5.10E-01	3.86E-01

XP_016879871.1	ZZEF1	zinc finger ZZ-type and EF-hand domain-containing protein 1 isoform X1	1.02	1.00	1.02	1.02	9.26E-01	8.93E-01	9.49E-01	9.27E-01
NP_057604.1	C9orf78	telomere length and silencing protein 1 homolog	0.88	1.00	0.88	1.02	6.72E-03	2.61E-04	6.51E-02	1.07E-02
NP_060932.2	BRK1	protein BRICK1	0.98	0.96	0.94	0.94	8.07E-01	7.38E-01	9.12E-01	8.72E-01
NP_065724.1	RAB22A	ras-related protein Rab-22A	1.55	0.64	0.96	1.20	2.02E-01	1.12E-01	1.83E-01	8.39E-02
NP_055412.2	DNTTIP2	deoxynucleotidyltransferase terminal-interacting protein 2	0.95	1.00	0.95	1.03	4.36E-01	3.16E-01	6.22E-01	5.10E-01
NP_004918.1	MRPL49	39S ribosomal protein L49, mitochondrial	0.84	1.11	0.93	1.02	7.98E-02	2.80E-02	8.79E-02	2.28E-02
NP_055182.3	FAM162A	protein FAM162A	1.04	0.90	0.93	1.11	3.57E-01	2.40E-01	4.04E-01	2.74E-01
XP_011533470.1	COG6	conserved oligomeric Golgi complex subunit 6 isoform X1	1.02	0.97	0.98	1.07	7.89E-01	7.15E-01	6.71E-01	5.67E-01
NP_076971.1	ERI3	ERI1 exoribonuclease 3 isoform 1	1.04	0.94	0.98	1.03	3.62E-01	2.44E-01	4.73E-01	3.45E-01
NP_001336206.1	ANKRD28	serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A isoform c	1.07	0.96	1.03	1.09	5.07E-02	1.34E-02	8.40E-02	2.03E-02
NP_036218.1	GTF3C3	general transcription factor 3C polypeptide 3 isoform 1	0.88	1.09	0.95	0.93	4.69E-01	3.52E-01	3.72E-01	2.44E-01
XP_005251697.1	RABEPK	rab9 effector protein with kelch motifs isoform X1	0.96	1.02	0.98	1.12	6.45E-01	5.46E-01	7.75E-01	6.93E-01
XP_005266964.1	MTHFD1L	monofunctional C1-tetrahydrofolate synthase, mitochondrial isoform X1	1.10	0.92	1.01	1.14	5.17E-03	1.58E-04	1.07E-01	3.28E-02
NP_002922.2	RING1	E3 ubiquitin-protein ligase RING1	0.96	0.91	0.87	0.98	7.26E-01	6.39E-01	7.27E-01	6.30E-01
XP_024305415.1	PPP2R5E	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform isoform X1	0.99	1.02	1.02	1.01	1.19E-01	5.20E-02	8.58E-01	8.02E-01
NP_066018.1	NCOA5	nuclear receptor coactivator 5 isoform 1	1.02	1.01	1.03	1.08	5.95E-01	4.88E-01	8.30E-01	7.62E-01
XP_006721660.1	MPDU1	mannose-P-dolichol utilization defect 1 protein isoform X1	1.09	0.85	0.92	0.95	9.04E-02	3.41E-02	4.87E-02	4.54E-03
NP_149975.1	PIGS	GPI transamidase component PIG-S	1.06	0.99	1.06	1.06	1.00E-01	4.00E-02	1.08E-01	3.35E-02
NP_003334.2	UBE2G2	ubiquitin-conjugating enzyme E2 G2 isoform 1	1.59	0.60	0.89	0.82	4.52E-01	3.33E-01	2.61E-01	1.43E-01
XP_016867437.1	OSBPL3	oxysterol-binding protein-related protein 3 isoform X4	1.05	0.86	0.90	1.00	8.71E-01	8.18E-01	4.46E-01	3.17E-01
NP_079092.2	RABEP2	rab GTPase-binding effector protein 2	0.93	1.05	0.98	0.99	3.62E-01	2.44E-01	2.13E-01	1.05E-01
NP_0010101.2	DPYD	dihydropyrimidine dehydrogenase [NADP(+)] isoform 1	1.34	0.57	0.75	1.17	2.12E-01	1.19E-01	1.74E-01	7.70E-02
NP_001356833.1	MPST	3-mercaptopyruvate sulfurtransferase isoform 2	1.08	1.03	1.12	1.15	1.85E-01	9.84E-02	4.13E-01	2.85E-01
NP_444278.1	MRPL53	39S ribosomal protein L53, mitochondrial	0.85	1.15	0.96	0.96	2.27E-01	1.30E-01	1.94E-01	9.23E-02
NP_002872.1	RALB	ras-related protein Ral-B	1.10	0.91	1.00	1.07	6.81E-01	5.87E-01	4.42E-01	3.14E-01
NP_055288.1	DIMT1	probable dimethyladenosine transferase isoform 1	1.20	0.81	0.92	0.79	5.56E-01	4.44E-01	5.01E-01	3.75E-01
NP_060357.1	CZIB	CXXC motif containing zinc binding protein isoform 1	1.08	0.91	0.99	1.07	1.11E-01	4.69E-02	6.53E-02	1.09E-02
NP_078849.1	ARMT1	damage-control phosphatase ARMT1 isoform a	1.15	0.84	0.96	1.06	8.33E-02	3.02E-02	6.60E-02	1.13E-02
XP_006724166.1	NUP50	nuclear pore complex protein Nup50 isoform X1	1.00	1.47	1.42	1.02	9.57E-01	9.40E-01	6.17E-01	5.03E-01
NP_001014433.1	CUTA	protein CutA isoform 1	1.14	0.85	0.97	1.11	1.56E-01	7.71E-02	1.45E-01	5.71E-02
NP_005680.1	ABCB6	ATP-binding cassette sub-family B member 6, mitochondrial isoform 1	0.87	1.30	1.18	0.97	5.78E-01	4.68E-01	4.55E-01	3.26E-01
NP_003786.1	SNX3	sorting nexin-3 isoform a	0.88	1.00	0.88	1.02	1.36E-01	6.33E-02	1.75E-01	7.85E-02
NP_002026.1	KDSR	3-ketodihydroshingosine reductase precursor	1.20	0.97	1.16	1.00	1.46E-02	1.26E-03	6.64E-02	1.15E-02
NP_005862.1	SMNDC1	survival of motor neuron-related-splicing factor 30	0.77	0.95	0.74	0.78	1.21E-01	5.30E-02	2.30E-01	1.17E-01
NP_001127812.1	PSMG3	proteasome assembly chaperone 3	1.07	0.98	1.04	1.12	3.40E-01	2.25E-01	2.79E-01	1.59E-01
NP_005580.1	ALDH6A1	methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial isoform 1 precursor	1.06	0.95	1.01	1.16	5.03E-01	3.86E-01	3.79E-01	2.50E-01
XP_005259970.1	MAN2B1	lysosomal alpha-mannosidase isoform X1	0.84	1.00	0.83	1.08	1.95E-02	2.25E-03	7.21E-02	1.48E-02
NP_001287894.1	CSRP2	cysteine and glycine-rich protein 2	1.05	1.02	1.08	1.07	5.76E-02	1.70E-02	3.85E-01	2.56E-01
XP_006715930.1	ZNF800	zinc finger protein 800 isoform X1	0.96	1.17	1.10	0.91	8.56E-01	7.98E-01	5.78E-01	4.62E-01
NP_031396.1	RFC5	replication factor C subunit 5 isoform 1	1.09	0.92	1.00	1.07	3.77E-02	7.66E-03	5.35E-02	6.46E-03
XP_016873372.1	COA4	cytochrome c oxidase assembly factor 4 homolog, mitochondrial isoform X1	0.66	1.16	0.76	0.83	1.09E-01	4.56E-02	1.11E-01	3.48E-02
NP_000479.1	SERPINC1	antithrombin-III isoform 1 precursor	1.09	1.04	1.15	1.41	7.15E-01	6.27E-01	8.63E-01	8.08E-01
NP_003003.3	SFRP1	secreted frizzled-related protein 1 precursor	1.20	0.89	1.06	1.13	2.29E-01	1.32E-01	1.45E-01	5.69E-02
NP_001273737.1	PRRC1	protein PRRC1 isoform 1	1.01	1.03	1.04	1.09	6.44E-01	5.45E-01	4.94E-01	3.68E-01
XP_011537045.1	VPS37B	vacuolar protein sorting-associated protein 37B isoform X1	0.97	0.97	0.94	1.07	8.43E-01	7.81E-01	9.84E-01	9.77E-01
NP_001073592.1	PRNP	major prion protein Prp precursor	0.83	0.91	0.75	0.94	3.27E-02	5.84E-03	1.04E-01	3.13E-02
XP_024302038.1	ZFYVE16	zinc finger FYVE domain-containing protein 16 isoform X1	0.88	1.02	0.90	1.01	7.94E-02	2.77E-02	2.55E-01	1.38E-01

NP_001181.2	BCAT2	branched-chain-amino-acid aminotransferase, mitochondrial isoform a precursor	0.91	1.25	1.15	1.01	4.99E-01	3.82E-01	2.41E-01	1.27E-01
NP_056284.1	NIPSNAP3A	protein NipSnap homolog 3A isoform 1	1.10	1.29	1.42	1.05	1.61E-03	1.75E-05	7.94E-01	7.18E-01
NP_076424.1	DDR GK1	DDR GK domain-containing protein 1	1.21	1.07	1.30	1.18	4.79E-01	3.62E-01	6.47E-01	5.37E-01
NP_001341706.1	CASP3	caspase-3 isoform a	0.90	1.06	0.95	0.99	1.11E-01	4.70E-02	1.52E-01	6.17E-02
XP_011518702.1	FAR1	fatty acyl-CoA reductase 1 isoform X1	1.17	0.89	1.03	1.21	1.64E-01	8.30E-02	3.13E-01	1.89E-01
XP_024303163.1	WDR5	WD repeat-containing protein 5 isoform X1	1.09	0.92	1.00	0.99	1.38E-01	6.43E-02	1.27E-01	4.48E-02
NP_057030.3	PELO	protein pelota homolog	1.05	0.99	1.04	1.07	3.12E-01	2.01E-01	2.90E-01	1.70E-01
XP_024307296.1	NOSIP	nitric oxide synthase-interacting protein isoform X1	0.89	0.93	0.83	0.89	1.96E-01	1.06E-01	4.86E-01	3.59E-01
XP_011512864.1	HLA-DRB5	major histocompatibility complex, class II, DR beta 5 isoform X1	0.90	1.04	0.94	1.06	7.69E-02	2.66E-02	9.22E-02	2.55E-02
NP_001304653.1	NOL7	nucleolar protein 7	0.90	1.01	0.91	0.99	2.54E-01	1.52E-01	2.38E-01	1.25E-01
NP_071505.2	TIA1	nucleolysin TIA-1 isoform p40 isoform 2	1.07	0.96	1.03	1.03	1.08E-01	4.48E-02	1.46E-01	5.79E-02
XP_024306443.1	CLUH	clustered mitochondria protein homolog isoform X1	1.10	0.92	1.01	1.04	3.81E-01	2.62E-01	2.83E-01	1.62E-01
NP_689850.2	METTL7B	methyltransferase-like protein 7B precursor	1.05	1.04	1.09	1.07	3.07E-01	1.96E-01	7.45E-01	6.56E-01
NP_003809.1	CDS2	phosphatidate cytidylyltransferase 2	1.15	1.10	1.27	1.11	3.90E-02	8.30E-03	6.48E-01	5.40E-01
NP_005253.3	GFER	FAD-linked sulphydryl oxidase ALR	1.28	1.00	1.30	1.42	2.73E-01	1.70E-01	4.11E-01	2.82E-01
NP_001317137.1	USP47	ubiquitin carboxyl-terminal hydrolase 47 isoform c	1.06	1.01	1.07	1.10	3.21E-01	2.09E-01	4.11E-01	2.83E-01
XP_016862215.1	PBRM1	protein polybromo-1 isoform X1	0.94	0.98	0.92	0.87	2.92E-01	1.84E-01	4.47E-01	3.18E-01
NP_061910.1	EXOSC4	exosome complex component RRP41	3.00	0.44	1.12	1.06	2.69E-01	1.65E-01	1.89E-01	8.87E-02
NP_001335.1	DAD1	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	1.14	0.81	0.92	1.01	1.34E-01	6.19E-02	6.20E-02	9.84E-03
XP_005271043.1	BSDC1	BSD domain-containing protein 1 isoform X2	0.91	1.07	0.98	0.95	5.70E-02	1.66E-02	9.94E-02	2.90E-02
XP_006717584.1	NRP1	neuropilin-1 isoform X1	1.13	0.82	0.93	1.09	6.77E-01	5.82E-01	3.43E-01	2.16E-01
NP_055332.3	UBP1	upstream-binding protein 1 isoform LBP-1b	1.69	0.81	1.41	1.76	2.84E-01	1.78E-01	2.33E-01	1.20E-01
NP_001030312.2	SRA1	steroid receptor RNA activator 1 isoform 1	0.96	1.07	1.03	0.94	5.45E-01	4.31E-01	5.15E-01	3.91E-01
NP_001262.3	CHD2	chromodomain-helicase-DNA-binding protein 2 isoform 1	1.06	1.07	1.13	1.12	6.58E-02	2.08E-02	7.14E-01	6.16E-01
NP_060640.2	RPRD1A	regulation of nuclear pre-mRNA domain-containing protein 1A isoform 1	0.93	0.98	0.91	1.08	3.68E-01	2.51E-01	6.07E-01	4.93E-01
NP_060501.4	WDR6	WD repeat-containing protein 6 isoform 1	1.02	1.00	1.03	1.00	8.82E-01	8.36E-01	9.20E-01	8.85E-01
NP_071926.4	ARAP3	arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3	1.07	0.94	1.01	1.05	3.89E-02	8.19E-03	7.73E-02	1.65E-02
NP_061924.1	MRPL50	39S ribosomal protein L50, mitochondrial	0.88	1.02	0.89	1.09	1.23E-01	5.50E-02	1.36E-01	5.06E-02
NP_001304040.1	MOB1A	MOB kinase activator 1A isoform 3	1.09	0.95	1.03	1.03	4.32E-02	9.95E-03	5.79E-02	8.21E-03
NP_001032238.1	ACOT1	acyl-coenzyme A thioesterase 1	1.27	0.77	0.96	1.13	3.45E-01	2.29E-01	2.48E-01	1.32E-01
NP_001230903.1	PPP3CC	serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform isoform 1	1.19	0.86	1.01	1.01	1.87E-01	1.00E-01	1.57E-01	6.52E-02
NP_001121631.1	VPS53	vacuolar protein sorting-associated protein 53 homolog isoform 1	1.00	0.97	0.97	1.01	9.80E-01	9.71E-01	8.27E-01	7.57E-01
XP_011509125.1	RAB3GAP1	rab3 GTPase-activating protein catalytic subunit isoform X1	1.06	0.93	0.98	1.05	6.75E-01	5.79E-01	5.50E-01	4.28E-01
NP_004026.2	ACOX1	peroxisomal acyl-coenzyme A oxidase 1 isoform a	1.08	1.11	1.21	1.05	2.25E-01	1.28E-01	9.14E-01	8.74E-01
NP_057731.1	THEM6	protein THEM6 isoform 1	1.05	0.98	1.03	1.15	3.55E-01	2.38E-01	2.66E-01	1.47E-01
XP_024306434.1	FLOT2	flotillin-2 isoform X1	1.03	0.79	0.82	0.95	1.06E-02	6.23E-04	9.83E-02	2.84E-02
NP_001013416.1	IGFBP3	insulin-like growth factor-binding protein 3 isoform a precursor	1.59	1.08	1.72	1.21	8.06E-02	2.87E-02	1.22E-01	4.22E-02
NP_006315.1	CFDP1	craniofacial development protein 1	0.72	1.12	0.81	0.88	4.37E-02	1.01E-02	5.17E-02	5.60E-03
NP_112236.3	SHARPIN	sharpin	1.07	1.15	1.22	1.12	8.91E-02	3.36E-02	5.41E-01	4.20E-01
NP_808817.1	ARMCX3	armadillo repeat-containing X-linked protein 3	0.99	0.99	0.99	1.02	4.49E-01	3.30E-01	9.84E-01	9.77E-01
NP_057058.2	CRYL1	lambda-crystallin homolog isoform 1	1.10	0.90	0.98	1.01	1.21E-01	5.29E-02	1.26E-01	4.43E-02
NP_078799.2	GCC1	GRIP and coiled-coil domain-containing protein 1	1.21	1.26	1.52	1.25	1.28E-01	5.82E-02	6.41E-01	5.31E-01
NP_001350467.1	TCAF2	TRPM8 channel-associated factor 2 isoform C	0.93	1.05	0.97	1.02	5.17E-02	1.41E-02	3.42E-01	2.15E-01
NP_060829.2	UFSP2	ufm1-specific protease 2	1.29	0.88	1.09	1.22	3.67E-01	2.49E-01	4.05E-01	2.75E-01
NP_004230.2	TRIP11	thyroid receptor-interacting protein 11 isoform 1	0.92	1.11	1.01	0.99	5.58E-01	4.46E-01	4.53E-01	3.25E-01
XP_005257516.1	ATP6VOA1	V-type proton ATPase 116 kDa subunit a isoform X1	1.08	1.01	1.10	1.05	2.21E-01	1.25E-01	3.93E-01	2.64E-01
NP_001307539.1	CHCHD6	MICOS complex subunit MIC25 isoform 1	0.97	1.08	1.05	1.16	6.43E-01	5.44E-01	2.38E-01	1.25E-01

NP_001284519.1	CD3EAP	DNA-directed RNA polymerase I subunit RPA34 isoform 1	0.85	1.00	0.86	0.96	2.10E-01	1.17E-01	2.27E-01	1.15E-01
NP_068805.1	LAMTOR3	regulator complex protein LAMTOR3 isoform 1	0.95	0.95	0.88	1.01	7.97E-01	7.26E-01	9.92E-01	9.86E-01
NP_940888.3	RPL7L1	60S ribosomal protein L7-like 1	1.03	1.05	1.09	1.09	6.56E-01	5.58E-01	8.83E-01	8.34E-01
XP_016856574.1	GSTM4	glutathione S-transferase Mu 4 isoform X1	1.04	0.92	0.95	1.06	9.33E-02	3.56E-02	1.68E-01	7.29E-02
NP_079094.1	UBA5	ubiquitin-like modifier-activating enzyme 5 isoform 1	0.98	1.09	1.07	0.90	7.36E-01	6.51E-01	3.12E-01	1.88E-01
NP_071739.2	C17orf75	protein Njmu-R1	1.34	0.85	1.14	1.07	1.65E-01	8.36E-02	1.26E-01	4.41E-02
NP_001352550.1	DLGAP4	disks large-associated protein 4 isoform d	1.10	0.83	0.92	1.05	2.84E-02	4.43E-03	1.14E-01	3.67E-02
NP_065741.3	ANKHD1-EIF4EBP3	ANKHD1-EIF4EBP3 protein	1.02	1.43	1.40	1.27	9.47E-01	9.25E-01	6.09E-01	4.95E-01
NP_001116827.1	PPP6C	serine/threonine-protein phosphatase 6 catalytic subunit isoform a	1.26	0.82	0.98	1.03	5.36E-01	4.21E-01	4.16E-01	2.88E-01
XP_005251773.1	CTSL	cathepsin L1 isoform X1	0.74	1.16	0.85	1.09	3.54E-02	6.79E-03	5.37E-02	6.68E-03
NP_113640.1	RAMAC	RNA guanine-N7 methyltransferase activating subunit	0.91	0.96	0.87	1.00	2.62E-01	1.59E-01	5.34E-01	4.11E-01
NP_001123543.1	EPN1	epsin-1 isoform a	1.00	1.00	1.00	1.07	9.42E-01	9.17E-01	9.54E-01	9.33E-01
XP_006720310.1	VRK1	serine/threonine-protein kinase VRK1 isoform X2	1.04	0.97	1.01	0.99	1.71E-01	8.77E-02	1.08E-01	3.37E-02
NP_005504.2	GTF2E1	general transcription factor IIE subunit 1	0.88	1.00	0.88	1.05	3.11E-01	2.00E-01	3.93E-01	2.64E-01
NP_115867.2	MRPL38	39S ribosomal protein L38, mitochondrial precursor	1.04	0.96	0.99	1.10	1.32E-01	6.02E-02	2.12E-01	1.04E-01
NP_001186752.1	NEDD8-MDP1	NEDD8-MDP1 protein	1.01	0.94	0.95	0.96	8.80E-01	8.31E-01	3.97E-01	2.68E-01
NP_001129498.1	SEC13	protein SEC13 homolog isoform 3	1.12	0.89	0.99	1.13	3.09E-01	1.98E-01	2.90E-01	1.69E-01
NP_060417.4	MOCOS	molybdenum cofactor sulfurase	1.23	0.93	1.14	1.12	5.06E-02	1.33E-02	9.03E-02	2.40E-02
NP_060281.2	UBE2R2	ubiquitin-conjugating enzyme E2 R2	0.89	1.02	0.91	1.02	1.71E-02	1.81E-03	4.67E-02	4.00E-03
NP_001186548.1	NCOA7	nuclear receptor coactivator 7 isoform 1	0.83	1.09	0.91	0.97	1.69E-01	8.66E-02	1.32E-01	4.84E-02
NP_001091981.1	KIF2A	kinesin-like protein KIF2A isoform 2	1.11	0.97	1.08	1.09	1.31E-01	5.98E-02	1.22E-01	4.20E-02
NP_054765.1	MRPS18B	28S ribosomal protein S18b, mitochondrial	1.15	0.86	0.99	1.14	8.70E-02	3.23E-02	8.50E-02	2.10E-02
NP_005345.3	JUND	transcription factor jun-D isoform JunD-FL	0.82	0.95	0.78	0.96	6.28E-01	5.23E-01	6.97E-01	5.95E-01
NP_714916.3	POGLUT3	protein O-glucosyltransferase 3 isoform 1 precursor	0.97	1.02	0.99	0.93	8.59E-01	8.02E-01	7.99E-01	7.24E-01
NP_066012.1	METTL14	N6-adenosine-methyltransferase non-catalytic subunit	1.11	0.94	1.04	1.11	2.30E-01	1.33E-01	1.96E-01	9.39E-02
NP_061929.2	NDUFB11	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial isoform 1	1.13	0.93	1.05	1.10	1.76E-02	1.87E-03	5.11E-02	5.39E-03
NP_002755.1	PRPS1	ribose-phosphate pyrophosphokinase 1 isoform 1	1.04	1.06	1.11	0.97	4.19E-01	2.99E-01	7.29E-01	6.34E-01
NP_444283.2	THEM4	acyl-coenzyme A thioesterase THEM4	1.02	0.87	0.88	1.11	9.29E-01	8.97E-01	4.07E-01	2.78E-01
NP_000475.1	APP	amyloid-beta precursor protein isoform a precursor	0.97	0.93	0.90	1.09	6.98E-01	6.08E-01	6.74E-01	5.70E-01
NP_835361.1	SLC35B2	adenosine 3'-phospho 5'-phosphosulfate transporter 1 isoform a precursor	0.91	0.99	0.90	1.04	4.15E-01	2.94E-01	5.01E-01	3.76E-01
NP_002638.2	PK3C3	phosphatidylinositol 3-kinase catalytic subunit type 3 isoform 1	1.08	0.89	0.96	1.12	2.83E-01	1.77E-01	3.13E-01	1.90E-01
NP_003767.2	MRPL40	39S ribosomal protein L40, mitochondrial isoform 1	0.97	0.94	0.91	1.11	2.68E-01	1.64E-01	7.63E-01	6.79E-01
NP_002204.2	ITGB5	integrin beta-5 isoform a precursor	0.82	0.89	0.73	0.98	1.41E-01	6.69E-02	4.06E-01	2.76E-01
XP_016856104.1	EPS15	epidermal growth factor receptor substrate 15 isoform X1	0.90	1.00	0.90	1.08	1.78E-01	9.29E-02	3.16E-01	1.92E-01
NP_001265552.1	NFXL1	NF-X1-type zinc finger protein NFXL1	0.72	1.12	0.81	0.98	7.58E-02	2.61E-02	7.23E-02	1.48E-02
NP_005566.2	LNPEP	leucyl-cystinyl aminopeptidase isoform 1	1.09	1.15	1.26	0.97	6.00E-01	4.94E-01	7.27E-01	6.31E-01
NP_055318.2	UTP20	small subunit processome component 20 homolog	0.96	1.12	1.07	1.02	1.71E-01	8.81E-02	5.97E-02	8.94E-03
NP_001186127.1	TBC1D23	TBC1 domain family member 23 isoform 1	1.37	0.79	1.08	1.09	1.26E-01	5.69E-02	1.02E-01	3.05E-02
NP_008941.3	DDX52	probable ATP-dependent RNA helicase DDX52 isoform 1	0.93	1.05	0.97	0.90	1.21E-01	5.35E-02	2.60E-01	1.42E-01
NP_003163.1	SURF1	surfeit locus protein 1 isoform 1	1.06	1.03	1.09	1.10	3.94E-01	2.74E-01	6.43E-01	5.33E-01
NP_001265874.1	PBK	lymphokine-activated killer T-cell-originated protein kinase isoform 2	1.13	1.04	1.17	1.06	1.02E-02	5.49E-04	2.85E-01	1.64E-01
NP_003756.1	STX10	syntaxin-10 isoform 1	0.79	1.13	0.88	0.89	3.53E-01	2.37E-01	2.85E-01	1.64E-01
NP_689794.1	MOSPD2	motile sperm domain-containing protein 2 isoform 1	1.10	1.05	1.15	1.05	1.03E-01	4.15E-02	7.40E-01	6.50E-01
NP_068818.4	HLA-DRB4	major histocompatibility complex, class II, DR beta 4 precursor	0.88	0.98	0.86	0.98	2.36E-01	1.38E-01	4.93E-01	3.68E-01
NP_659477.2	CAVIN3	caveolae-associated protein 3	1.05	0.95	0.98	0.99	7.85E-01	7.10E-01	5.80E-01	4.63E-01
NP_001244318.1	CD63	CD63 antigen isoform A	0.86	1.36	1.16	1.35	8.10E-02	2.91E-02	4.48E-02	3.49E-03

NP_036585.1	TBL2	transducin beta-like protein 2 isoform 1 precursor	1.44	0.85	1.20	1.25	2.67E-01	1.64E-01	2.23E-01	1.13E-01
NP_001357331.1	BAZ1B	tyrosine-protein kinase BAZ1B	1.02	0.93	0.95	1.09	5.78E-02	1.70E-02	5.97E-02	8.93E-03
NP_777573.1	NOP9	nucleolar protein 9 isoform 1	1.01	1.01	1.01	1.02	8.48E-01	7.89E-01	9.95E-01	9.94E-01
XP_011532899.1	ERGIC1	endoplasmic reticulum-Golgi intermediate compartment protein 1 isoform X1	0.93	0.98	0.91	0.88	4.31E-01	3.10E-01	6.81E-01	5.77E-01
NP_003740.2	IRS2	insulin receptor substrate 2	1.07	1.04	1.11	0.99	4.61E-01	3.42E-01	7.53E-01	6.66E-01
XP_011511842.1	ZFYVE28	lateral signaling target protein 2 homolog isoform X6	0.97	0.95	0.92	1.19	6.95E-01	6.04E-01	9.01E-01	8.58E-01
NP_078867.2	CHMP6	charged multivesicular body protein 6	1.09	0.86	0.93	1.14	4.74E-01	3.56E-01	3.30E-01	2.05E-01
XP_011532575.1	DCAF1	DDB1- and CUL4-associated factor 1 isoform X1	1.23	0.88	1.01	1.15	6.73E-01	5.76E-01	5.83E-01	4.67E-01
NP_066976.1	CDH19	cadherin-19 isoform 1	0.86	1.03	0.89	1.12	4.39E-01	3.19E-01	3.84E-01	2.55E-01
NP_001123484.1	SLC9A3R2	Na(+)/H(+) exchange regulatory cofactor NHE-RF2 isoform a	0.89	0.99	0.88	1.01	3.38E-03	7.54E-05	5.00E-02	4.86E-03
NP_060367.1	OXSM	3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial isoform 1 precursor	1.09	0.99	1.08	1.15	7.41E-02	2.49E-02	8.65E-02	2.19E-02
NP_001124296.1	SUPT5H	transcription elongation factor SPT5 isoform a	1.02	0.96	0.98	1.01	1.44E-01	6.88E-02	5.95E-02	8.76E-03
NP_003084.1	SNRPC	U1 small nuclear ribonucleoprotein C	1.09	0.81	0.88	1.05	2.90E-02	4.66E-03	6.35E-02	1.03E-02
NP_061888.1	CHPF2	chondroitin sulfate glucuronyltransferase isoform 1 precursor	1.03	0.99	1.02	1.07	7.77E-01	7.00E-01	8.28E-01	7.59E-01
NP_003950.1	HIP1R	huntingtin-interacting protein 1-related protein isoform 1	0.97	1.03	0.99	1.09	5.09E-01	3.93E-01	5.25E-01	4.02E-01
NP_002881.1	RASA1	ras GTPase-activating protein 1 isoform 1	1.02	1.04	1.06	1.03	9.19E-01	8.82E-01	8.96E-01	8.49E-01
NP_006313.1	TUBGCP3	gamma-tubulin complex component 3 isoform 1	1.07	0.97	1.04	0.98	4.15E-01	2.95E-01	3.05E-01	1.81E-01
NP_057513.1	COPZ2	coatamer subunit zeta-2	0.96	0.94	0.90	1.03	1.12E-01	4.76E-02	4.57E-01	3.29E-01
NP_001347481.1	PABPN1	polyadenylate-binding protein 2 isoform 3	0.87	1.03	0.90	0.89	2.02E-01	1.11E-01	1.89E-01	8.84E-02
XP_016869602.1	WASHC5	WASH complex subunit 5 isoform X1	0.95	0.96	0.90	0.98	6.60E-01	5.63E-01	9.86E-01	9.80E-01
NP_079426.2	TARS2	threonine--tRNA ligase, mitochondrial isoform a	1.02	0.96	0.97	0.98	9.09E-01	8.69E-01	8.03E-01	7.29E-01
NP_115881.3	JAGN1	protein jagunal homolog 1 isoform a	1.00	1.02	1.02	1.10	9.87E-01	9.82E-01	7.85E-01	7.05E-01
NP_001252510.1	TTI2	TELO2-interacting protein 2 isoform 1	1.08	0.97	1.04	1.05	1.63E-01	8.21E-02	2.12E-01	1.04E-01
XP_016857295.1	CTTNBP2NL	CTTNBP2 N-terminal-like protein isoform X1	1.15	0.88	1.01	1.19	3.27E-02	5.80E-03	5.97E-02	8.84E-03
XP_005268284.1	CDC42BPB	serine/threonine-protein kinase MRCK beta isoform X1	1.05	0.99	1.03	1.06	6.91E-01	5.98E-01	7.20E-01	6.23E-01
NP_055568.3	BMS1	ribosome biogenesis protein BMS1 homolog	0.98	0.99	0.97	1.11	8.31E-01	7.66E-01	9.22E-01	8.88E-01
NP_008910.2	SLC39A7	zinc transporter SLC39A7 isoform 1 precursor	1.20	1.05	1.26	1.07	1.26E-01	5.70E-02	2.54E-01	1.37E-01
NP_006828.2	COP5	COP9 signalosome complex subunit 5	1.07	0.97	1.04	1.08	8.42E-02	3.06E-02	8.90E-02	2.34E-02
XP_011543887.1	APOO	MICOS complex subunit MIC26 isoform X1	1.00	1.00	1.00	0.99	9.79E-01	9.68E-01	9.12E-01	8.73E-01
NP_001014839.1	NCN	neurochondrin isoform 1	0.94	1.01	0.95	1.15	1.77E-01	9.22E-02	2.88E-01	1.67E-01
NP_061846.2	DPM3	dolichol-phosphate mannosyltransferase subunit 3 isoform 1	1.05	1.05	1.10	0.97	1.49E-01	7.22E-02	9.57E-01	9.38E-01
NP_079239.3	FBXL18	F-box/LRR-repeat protein 18 isoform 2	1.41	0.68	0.91	0.79	6.00E-01	4.94E-01	3.47E-01	2.19E-01
NP_997263.2	CCDC9B	coiled-coil domain-containing protein 9B	1.02	0.91	0.93	1.11	7.19E-01	6.32E-01	4.37E-01	3.08E-01
XP_005264881.1	USP19	ubiquitin carboxyl-terminal hydrolase 19 isoform X1	1.00	0.95	0.94	1.09	9.91E-01	9.88E-01	8.02E-01	7.28E-01
NP_057124.3	TMED5	transmembrane emp24 domain-containing protein 5 isoform 1 precursor	1.01	0.97	0.98	1.09	7.89E-01	7.14E-01	4.37E-01	3.09E-01
NP_057665.2	ECSIT	evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial isoform 1 precursor	0.86	1.18	1.01	0.94	1.96E-01	1.07E-01	1.34E-01	4.97E-02
NP_001350779.1	SPG7	paraplegin isoform 3	1.05	0.84	0.88	1.12	2.77E-01	1.73E-01	3.93E-01	2.64E-01
NP_061895.3	TMX3	protein disulfide-isomerase TMX3 isoform 1 precursor	0.93	1.09	1.01	0.94	2.46E-01	1.45E-01	1.28E-01	4.59E-02
XP_016856233.1	POGZ	pogo transposable element with ZNF domain isoform X1	0.99	0.96	0.95	1.03	7.94E-01	7.21E-01	7.31E-01	6.38E-01
NP_694822.2	RIOX2	ribosomal oxygenase 2 isoform a	0.90	1.10	0.99	1.09	1.58E-01	7.90E-02	9.02E-02	2.39E-02
NP_005605.1	RHEB	GTP-binding protein Rheb	1.08	1.04	1.13	1.06	9.86E-02	3.87E-02	4.92E-01	3.66E-01
NP_036569.1	SNAPIN	SNARE-associated protein Snapin	0.87	1.18	1.01	1.01	4.08E-01	2.88E-01	2.52E-01	1.36E-01
NP_996667.2	ECI2	enoyl-CoA delta isomerase 2, mitochondrial isoform 2	0.93	1.06	0.99	1.03	3.29E-01	2.15E-01	2.34E-01	1.21E-01
NP_001269580.1	SLC35A2	UDP-galactose translocator isoform h	0.93	1.06	0.98	1.14	4.15E-01	2.94E-01	2.50E-01	1.34E-01
NP_001185808.1	ATP5MF-PTCD1	ATP5J2-PTCD1 fusion protein	1.00	0.99	0.99	1.00	9.57E-01	9.39E-01	8.50E-01	7.90E-01
NP_001352564.1	TASOR	protein TASOR isoform d	0.91	1.13	1.02	1.22	1.21E-02	8.37E-04	3.51E-01	2.24E-01

NP_003918.1	MBD2	methyl-CpG-binding domain protein 2 isoform 1	0.98	0.94	0.92	1.01	4.21E-01	3.01E-01	2.03E-01	9.83E-02
XP_011526907.1	LSM14B	protein LSM14 homolog B isoform X1	1.05	0.89	0.94	1.12	6.73E-01	5.77E-01	3.54E-01	2.26E-01
NP_057291.1	CPSF3	cleavage and polyadenylation specificity factor subunit 3 isoform a	1.05	0.99	1.03	0.99	9.11E-02	3.44E-02	9.04E-02	2.43E-02
NP_115649.1	TMEM126A	transmembrane protein 126A isoform 1	1.00	1.48	1.45	1.08	9.52E-01	9.32E-01	3.95E-01	2.66E-01
NP_079498.2	WDR82	WD repeat-containing protein 82	1.07	0.99	1.06	1.05	2.36E-01	1.37E-01	2.63E-01	1.45E-01
XP_011523628.1	PIP4K2B	phosphatidylinositol 5-phosphate 4-kinase type-2 beta isoform X1	1.49	0.81	1.16	1.30	2.24E-01	1.28E-01	3.15E-01	1.91E-01
NP_001278433.1	PPP1R2	protein phosphatase inhibitor 2 isoform 1	0.90	1.06	0.95	1.00	7.55E-02	2.60E-02	7.73E-02	1.65E-02
NP_001307585.1	PCID2	PCI domain-containing protein 2 isoform 2	1.11	0.92	1.02	1.14	3.25E-01	2.12E-01	2.63E-01	1.45E-01
NP_060680.2	NAXD	ATP-dependent (S)-NAD(P)H-hydrate dehydratase isoform a	1.07	0.93	0.99	1.13	6.78E-02	2.18E-02	2.15E-01	1.06E-01
NP_001032249.1	PXYLP1	2-phosphoxylose phosphatase 1 isoform 1	1.00	1.00	1.00	1.04	8.15E-01	7.46E-01	9.62E-01	9.45E-01
NP_001284.1	CLNS1A	methylosome subunit pICln isoform a	0.94	0.95	0.90	1.08	4.82E-01	3.64E-01	8.43E-01	7.80E-01
NP_060561.3	ELP3	elongator complex protein 3 isoform 1	0.85	1.01	0.86	0.96	1.22E-01	5.44E-02	3.93E-01	2.64E-01
NP_006829.1	METAP2	methionine aminopeptidase 2 isoform 1	1.22	0.96	1.17	1.04	5.09E-02	1.36E-02	7.20E-02	1.44E-02
NP_075568.1	C8orf33	UPF0488 protein C8orf33	0.99	1.00	0.99	1.09	6.36E-01	5.33E-01	8.63E-01	8.08E-01
NP_787072.2	EXOC8	exocyst complex component 8	1.20	0.85	0.99	1.00	6.39E-01	5.38E-01	4.66E-01	3.38E-01
NP_006144.1	NCK1	cytoplasmic protein NCK1 isoform 1	1.07	1.06	1.12	1.02	5.86E-01	4.77E-01	9.44E-01	9.19E-01
NP_071436.1	VSIR	V-type immunoglobulin domain-containing suppressor of T-cell activation precursor	0.84	0.98	0.83	1.07	3.10E-02	5.20E-03	7.16E-02	1.40E-02
XP_011509935.1	ANAPC1	anaphase-promoting complex subunit 1 isoform X1	1.08	0.87	0.94	1.33	7.76E-01	6.98E-01	4.24E-01	2.96E-01
NP_060283.3	IMPAD1	Golgi-resident adenosine 3',5'-bisphosphate 3'-phosphatase	0.94	1.10	1.03	1.03	7.00E-02	2.28E-02	4.85E-02	4.41E-03
NP_115898.2	MAK16	protein MAK16 homolog	1.13	0.82	0.92	1.03	4.69E-01	3.51E-01	2.56E-01	1.39E-01
NP_543012.1	OVCA2	esterase OVCA2	1.09	0.96	1.05	1.05	1.11E-01	4.66E-02	1.23E-01	4.26E-02
NP_004220.2	MED14	mediator of RNA polymerase II transcription subunit 14	1.04	0.93	0.97	1.08	7.74E-01	6.96E-01	4.92E-01	3.66E-01
NP_057118.1	MRPS2	28S ribosomal protein S2, mitochondrial	1.02	1.04	1.06	1.14	5.04E-01	3.87E-01	7.09E-01	6.09E-01
XP_016878625.1	GCSH	glycine cleavage system H protein, mitochondrial isoform X1	0.82	0.99	0.81	0.86	1.66E-01	8.45E-02	1.94E-01	9.25E-02
NP_001076047.1	RBFOX2	RNA binding protein fox-1 homolog 2 isoform 5	0.98	0.98	0.96	1.01	8.39E-01	7.76E-01	9.64E-01	9.47E-01
NP_001275727.1	MCRIP1	mapk-regulated corepressor-interacting protein 1 isoform 1	1.15	0.79	0.91	1.07	3.19E-02	5.50E-03	2.73E-01	1.54E-01
NP_006058.1	EMC8	ER membrane protein complex subunit 8 isoform 1	1.10	1.10	1.21	1.05	2.73E-01	1.69E-01	9.93E-01	9.90E-01
NP_113608.1	MRPL9	39S ribosomal protein L9, mitochondrial isoform 1	1.06	0.93	0.99	1.06	1.89E-01	1.01E-01	9.17E-02	2.52E-02
NP_056018.2	RPRD2	regulation of nuclear pre-mRNA domain-containing protein 2 isoform 1	0.96	1.01	0.97	1.06	2.53E-01	1.52E-01	2.73E-01	1.53E-01
NP_001354872.1	TCF7L2	transcription factor 7-like 2 isoform 17	0.90	0.88	0.79	0.97	3.56E-01	2.39E-01	8.58E-01	8.01E-01
NP_056464.1	IRF2BP1	interferon regulatory factor 2-binding protein 1	1.23	0.96	1.20	1.04	3.01E-01	1.92E-01	4.79E-01	3.53E-01
XP_005262414.1	STAG2	cohesin subunit SA-2 isoform X1	1.03	0.88	0.91	1.09	5.71E-01	4.60E-01	3.12E-01	1.88E-01
NP_057283.1	LSM7	U6 snRNA-associated Sm-like protein LSm7	1.02	0.97	0.99	1.05	4.10E-01	2.90E-01	1.68E-01	7.26E-02
NP_000378.1	SLC25A20	mitochondrial carnitine/acylcarnitine carrier protein	1.04	0.98	1.01	1.04	7.31E-01	6.44E-01	6.41E-01	5.30E-01
NP_061184.1	COG1	conserved oligomeric Golgi complex subunit 1	1.01	0.96	0.97	1.08	7.91E-01	7.18E-01	5.59E-01	4.37E-01
XP_024309520.1	TBL1XR1	F-box-like/WD repeat-containing protein TBL1XR1 isoform X1	0.83	1.10	0.90	1.01	2.68E-01	1.64E-01	2.50E-01	1.34E-01
NP_001317140.1	MED24	mediator of RNA polymerase II transcription subunit 24 isoform 3	1.19	0.84	0.98	1.05	6.34E-01	5.30E-01	4.07E-01	2.78E-01
NP_067045.1	PRUNE1	exopolyphosphatase PRUNE1 isoform 1	0.70	0.97	0.69	0.91	4.64E-01	3.46E-01	5.01E-01	3.76E-01
NP_115517.1	NSRP1	nuclear speckle splicing regulatory protein 1 isoform 1	0.83	1.01	0.84	1.02	1.21E-01	5.36E-02	1.38E-01	5.20E-02
NP_115593.3	ANKRD17	ankyrin repeat domain-containing protein 17 isoform a	1.00	0.89	0.89	0.89	9.82E-01	9.73E-01	3.72E-01	2.44E-01
NP_005116.1	CCS	copper chaperone for superoxide dismutase	0.92	0.99	0.91	1.00	4.93E-02	1.27E-02	1.27E-01	4.54E-02
NP_064710.5	VPS35L	VPS35 endosomal protein sorting factor-like isoform 1	1.13	0.94	1.06	1.03	2.66E-01	1.63E-01	1.84E-01	8.52E-02
NP_001278892.1	DAP	death-associated protein 1 isoform 1	0.91	1.07	0.98	1.01	4.59E-01	3.40E-01	2.90E-01	1.68E-01
NP_056240.2	POLR1A	DNA-directed RNA polymerase I subunit RPA1	1.08	0.87	0.92	0.97	8.82E-01	8.35E-01	6.19E-01	5.06E-01
NP_001186590.1	PMF1-BGLAP	PMF1-BGLAP protein isoform 1	1.44	0.68	0.97	1.06	3.68E-02	7.33E-03	5.79E-02	8.14E-03
NP_112570.2	MRPS15	28S ribosomal protein S15, mitochondrial	1.09	0.96	1.05	1.09	6.50E-02	2.05E-02	2.42E-01	1.27E-01
NP_001288784.1	SAP30BP	SAP30-binding protein isoform 1	0.94	1.02	0.96	1.07	6.90E-01	5.96E-01	6.16E-01	5.02E-01

NP_001358423.1	LIMS1	LIM and senescent cell antigen-like-containing domain protein 1 isoform f	1.32	0.93	1.22	1.01	7.54E-02	2.58E-02	7.96E-02	1.79E-02
XP_024307268.1	TMEM205	transmembrane protein 205 isoform X2	1.07	0.99	1.06	1.03	5.45E-02	1.54E-02	3.20E-01	1.95E-01
NP_036429.2	G3BP2	ras GTPase-activating protein-binding protein 2 isoform a	1.03	0.97	0.99	1.15	6.56E-01	5.58E-01	5.70E-01	4.54E-01
NP_115551.2	UTP15	U3 small nucleolar RNA-associated protein 15 homolog isoform 1	1.02	0.95	0.97	1.07	2.95E-03	6.43E-05	1.55E-01	6.36E-02
NP_037478.2	SNX12	sorting nexin-12 isoform 1	1.06	1.04	1.10	1.02	1.18E-02	8.02E-04	5.56E-01	4.33E-01
NP_001254747.1	OSTC	oligosaccharyltransferase complex subunit OSTC isoform 3	1.15	0.96	1.11	1.04	7.43E-02	2.51E-02	7.36E-02	1.52E-02
NP_001107563.1	CDC27	cell division cycle protein 27 homolog isoform 1	0.98	1.02	1.00	1.10	7.97E-01	7.26E-01	6.47E-01	5.38E-01
NP_057070.3	CRLF3	cytokine receptor-like factor 3	1.24	0.99	1.23	1.28	4.74E-01	3.56E-01	4.65E-01	3.37E-01
XP_005263764.1	IWS1	protein IWS1 homolog isoform X1	0.89	0.94	0.84	0.90	4.19E-01	3.00E-01	7.75E-01	6.92E-01
NP_001308062.1	GOSR2	Golgi SNAP receptor complex member 2 isoform D	1.08	0.91	0.98	1.07	1.29E-01	5.84E-02	2.31E-01	1.18E-01
XP_011515960.1	WASHC1	WASH complex subunit 1 isoform X1	0.98	1.10	1.07	1.04	2.20E-01	1.25E-01	9.07E-02	2.46E-02
XP_011519299.1	WNK1	serine/threonine-protein kinase WNK1 isoform X1	0.90	1.02	0.92	1.10	3.09E-01	1.97E-01	2.82E-01	1.61E-01
NP_001186806.1	SERF2-C15ORF63	small EDRK-rich factor 2 isoform c	0.47	1.03	0.48	0.90	2.55E-02	3.63E-03	4.47E-02	3.41E-03
NP_055050.1	UBL4A	ubiquitin-like protein 4A	1.10	0.96	1.05	1.09	5.18E-02	1.42E-02	6.73E-02	1.20E-02
NP_001375.2	DPH2	2-(3-amino-3-carboxypropyl)histidine synthase subunit 2 isoform a	0.97	0.98	0.95	1.12	6.15E-01	5.10E-01	8.96E-01	8.49E-01
NP_443108.1	NACC1	nucleus accumbens-associated protein 1	1.48	1.06	1.45	1.48	6.36E-01	5.34E-01	7.10E-01	6.11E-01
XP_016863162.1	LSM6	U6 snRNA-associated Sm-like protein LSM6 isoform X1	1.03	1.06	1.09	1.09	7.20E-01	6.32E-01	7.55E-01	6.70E-01
NP_005104.4	GOLGA5	golgin subfamily A member 5	1.07	1.02	1.09	1.13	3.25E-01	2.11E-01	4.92E-01	3.67E-01
NP_009171.1	DUSP12	dual specificity protein phosphatase 12	1.12	1.20	1.40	1.20	7.38E-01	6.54E-01	8.90E-01	8.42E-01
XP_011541800.1	ARL15	ADP-ribosylation factor-like protein 15 isoform X1	1.10	0.86	0.95	1.16	2.95E-02	4.81E-03	4.64E-02	3.89E-03
NP_001317316.1	TPRKB	EKC/KEOPS complex subunit TPRKB isoform a	1.30	1.40	1.80	1.49	7.37E-02	2.47E-02	8.51E-01	7.92E-01
NP_001358976.1	NNMT	nicotinamide N-methyltransferase	1.10	0.97	1.07	1.15	1.23E-01	5.48E-02	1.08E-01	3.39E-02
NP_001003800.1	BICD2	protein bicaudal D homolog 2 isoform 1	0.79	1.11	0.88	0.97	1.90E-02	2.15E-03	4.54E-02	3.57E-03
NP_002067.1	GNS	N-acetylglucosamine-6-sulfatase precursor	0.97	0.95	0.93	1.00	1.93E-01	1.04E-01	3.26E-01	2.01E-01
NP_113673.3	GRWD1	glutamate-rich WD repeat-containing protein 1	0.98	0.94	0.92	1.15	7.61E-01	6.81E-01	7.17E-01	6.19E-01
NP_000079.2	COL1A1	collagen alpha-1(I) chain	0.98	0.85	0.84	1.24	6.85E-01	5.94E-01	1.09E-01	3.43E-02
NP_987093.1	COMMD6	COMM domain-containing protein 6 isoform a	1.00	0.96	0.96	1.13	9.95E-01	9.94E-01	7.59E-01	6.74E-01
XP_011519397.1	UGGT2	UDP-glucose:glycoprotein glucosyltransferase 2 isoform X2	0.83	1.02	0.84	1.04	2.48E-01	1.47E-01	3.42E-01	2.15E-01
NP_001035933.3	SUMF2	inactive C-alpha-formylglycine-generating enzyme 2 isoform a precursor	1.05	1.10	1.16	1.10	5.07E-02	1.34E-02	6.27E-01	5.15E-01
NP_116204.3	NFATC2IP	NFATC2-interacting protein	1.00	0.87	0.87	1.18	9.46E-01	9.24E-01	4.25E-01	2.97E-01
NP_056195.3	SAMM50	sorting and assembly machinery component 50 homolog	1.04	0.95	0.99	1.04	1.18E-01	5.15E-02	9.17E-02	2.52E-02
NP_057132.2	ISOC1	isochorismatase domain-containing protein 1	0.95	0.97	0.92	0.91	1.22E-02	8.54E-04	7.19E-01	6.22E-01
NP_653164.2	RPIA	ribose-5-phosphate isomerase	0.96	0.99	0.95	0.98	1.81E-01	9.52E-02	6.01E-01	4.86E-01
NP_001287830.1	TCEAL4	transcription elongation factor A protein-like 4 isoform 2	0.94	1.23	1.19	1.03	7.96E-01	7.25E-01	5.01E-01	3.75E-01
NP_006712.2	ADK	adenosine kinase isoform b	1.15	1.03	1.19	1.07	1.01E-01	4.06E-02	1.66E-01	7.14E-02
NP_689618.4	JMY	junction-mediating and -regulatory protein	1.10	1.28	1.42	1.10	1.96E-01	1.07E-01	1.55E-01	6.43E-02
NP_006519.1	TFPI2	tissue factor pathway inhibitor 2 isoform 1 precursor	1.13	0.82	0.94	0.91	3.00E-01	1.91E-01	2.31E-01	1.18E-01
NP_060716.2	CCDC25	coiled-coil domain-containing protein 25 isoform 1	1.03	0.99	1.02	1.07	3.84E-01	2.66E-01	7.18E-01	6.21E-01
XP_016877278.1	MAPK1IP1L	MAPK-interacting and spindle-stabilizing protein-like isoform X2	0.71	1.01	0.72	0.84	8.66E-02	3.20E-02	1.04E-01	3.13E-02
NP_071898.2	RNF25	E3 ubiquitin-protein ligase RNF25	0.99	0.97	0.97	0.97	1.93E-01	1.04E-01	2.98E-01	1.76E-01
NP_060934.1	CISD1	CDGSH iron-sulfur domain-containing protein 1	0.93	1.06	0.99	0.93	1.34E-01	6.20E-02	6.87E-01	5.85E-01
XP_011536103.1	BAZZA	bromodomain adjacent to zinc finger domain protein 2A isoform X1	1.16	1.01	1.17	1.08	1.33E-01	6.14E-02	2.47E-01	1.32E-01
XP_005253647.1	DHX37	probable ATP-dependent RNA helicase DHX37 isoform X1	0.87	1.02	0.89	0.96	1.81E-01	9.54E-02	2.79E-01	1.59E-01
NP_001070867.1	PNKD	probable hydrolase PNKD isoform 3 precursor	1.18	0.82	0.96	1.13	5.04E-02	1.31E-02	1.84E-01	8.56E-02
NP_036380.2	SEPHS2	selenide, water dikinase 2	1.20	1.00	1.18	1.27	4.85E-01	3.68E-01	5.61E-01	4.40E-01
NP_004538.2	NDUFB4	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4 isoform 1	1.16	0.96	1.11	1.11	8.86E-02	3.31E-02	3.16E-01	1.92E-01

NP_037519.2	UQCR10	cytochrome b-c1 complex subunit 9 isoform a	1.06	0.91	0.96	1.04	1.86E-02	2.05E-03	7.01E-02	1.33E-02
NP_056169.1	NUP188	nucleoporin NUP188 homolog	1.33	0.81	1.04	1.15	3.21E-01	2.08E-01	3.65E-01	2.36E-01
NP_001303243.1	PLCB3	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3 isoform 1	1.05	0.90	0.94	1.08	6.72E-01	5.75E-01	2.66E-01	1.48E-01
NP_073742.2	AIDA	axin interactor, dorsalization-associated protein	0.95	1.06	1.00	1.06	3.49E-01	2.32E-01	3.01E-01	1.79E-01
XP_011515603.1	GSDMD	gasdermin-D isoform X1	0.84	1.27	1.07	0.93	2.02E-01	1.11E-01	8.84E-02	2.30E-02
NP_001350894.1	RABL3	rab-like protein 3 isoform 1	1.07	0.89	0.96	1.00	4.93E-01	3.75E-01	3.29E-01	2.04E-01
NP_976225.1	ZRANB2	zinc finger Ran-binding domain-containing protein 2 isoform 1	0.76	1.11	0.85	0.88	2.21E-02	2.81E-03	3.53E-02	1.67E-03
XP_006723234.1	STRN4	striatin-4 isoform X1	1.02	0.95	0.97	1.04	2.56E-01	1.54E-01	2.31E-01	1.17E-01
NP_055472.1	TTI1	TELO2-interacting protein 1 homolog	1.00	0.88	0.84	0.95	9.26E-01	8.91E-01	8.62E-01	8.07E-01
NP_942590.1	NUP43	nucleoporin Nup43	1.06	0.90	0.95	1.10	2.08E-01	1.16E-01	8.57E-02	2.14E-02
NP_115686.3	CARD19	caspase recruitment domain-containing protein 19 isoform 1	0.97	1.02	0.99	1.00	4.62E-01	3.43E-01	5.68E-01	4.49E-01
NP_000936.1	PPP3R1	calcineurin subunit B type 1	0.97	0.98	0.95	1.07	5.32E-01	4.17E-01	8.53E-01	7.94E-01
XP_016874389.1	DGKA	diacylglycerol kinase alpha isoform X1	1.06	0.99	1.04	1.14	5.97E-01	4.90E-01	5.33E-01	4.09E-01
XP_006715324.1	TJAP1	tight junction-associated protein 1 isoform X1	0.96	1.02	0.98	1.14	7.44E-01	6.62E-01	6.50E-01	5.44E-01
NP_005524.2	IFI35	interferon-induced 35 kDa protein isoform 1	1.03	1.03	1.06	1.03	6.60E-01	5.63E-01	9.82E-01	9.74E-01
NP_060386.1	PIH1D1	PIH1 domain-containing protein 1	1.08	0.88	0.95	1.07	5.10E-01	3.93E-01	2.60E-01	1.41E-01
XP_005254336.1	GALK2	N-acetylgalactosamine kinase isoform X1	1.19	0.90	1.07	1.04	9.39E-02	3.59E-02	1.26E-01	4.42E-02
NP_009185.2	PNKP	bifunctional polynucleotide phosphatase/kinase	1.17	0.90	1.04	1.01	3.76E-01	2.58E-01	3.95E-01	2.66E-01
NP_000704.1	BLVRB	flavin reductase (NADPH)	1.16	0.82	0.96	0.93	4.22E-01	3.02E-01	2.36E-01	1.22E-01
NP_071383.1	MRPS14	28S ribosomal protein S14, mitochondrial	1.01	0.94	0.94	1.05	8.82E-01	8.36E-01	5.66E-01	4.46E-01
XP_024307075.1	SUGP2	SURP and G-patch domain-containing protein 2 isoform X1	1.01	0.89	0.90	1.02	9.27E-01	8.94E-01	3.77E-01	2.49E-01
NP_005768.1	RBM6	RNA-binding protein 6 isoform 1	0.91	0.98	0.89	1.01	1.77E-01	9.26E-02	2.78E-01	1.57E-01
XP_011513235.2	RIOK1	serine/threonine-protein kinase RIO1 isoform X1	0.92	1.03	0.95	0.89	7.38E-01	6.55E-01	6.66E-01	5.61E-01
NP_036455.1	MAFF	transcription factor MafF isoform a	1.14	1.12	1.27	1.24	5.07E-02	1.34E-02	4.49E-01	3.20E-01
NP_981951.2	MBLAC2	metallo-beta-lactamase domain-containing protein 2	0.94	0.99	0.93	1.04	2.25E-01	1.28E-01	6.22E-01	5.10E-01
NP_060599.1	PNPO	pyridoxine-5'-phosphate oxidase	1.09	0.91	0.98	1.23	6.81E-01	5.87E-01	5.76E-01	4.59E-01
XP_011520703.1	ABAT	4-aminobutyrate aminotransferase, mitochondrial isoform X1	0.97	1.14	1.10	1.13	7.39E-01	6.56E-01	5.63E-01	4.43E-01
NP_001317182.1	SCYL2	SCY1-like protein 2 isoform 2	1.05	1.02	1.07	1.09	1.68E-01	8.60E-02	4.50E-01	3.21E-01
NP_036549.2	PITPNC1	cytoplasmic phosphatidylinositol transfer protein 1 isoform a	1.05	0.98	1.03	1.10	4.05E-01	2.84E-01	3.21E-01	1.96E-01
NP_006658.1	PGRMC1	membrane-associated progesterone receptor component 1 isoform 1	1.08	1.03	1.11	0.97	1.37E-01	6.35E-02	2.75E-01	1.55E-01
NP_612464.1	CTHRC1	collagen triple helix repeat-containing protein 1 isoform 1 precursor	0.70	1.13	0.79	0.96	7.53E-02	2.58E-02	8.79E-02	2.27E-02
NP_005054.3	SCD	acyl-CoA desaturase	0.72	1.03	0.74	1.36	6.31E-02	1.97E-02	1.82E-01	8.34E-02
XP_006720071.1	FERMT2	fermitin family homolog 2 isoform X1	0.67	1.33	0.81	0.76	4.35E-01	3.15E-01	3.71E-01	2.43E-01
NP_057049.5	NDUFA13	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13	1.01	1.01	1.02	0.98	8.33E-01	7.68E-01	9.42E-01	9.15E-01
NP_787117.3	C5orf51	UPF0600 protein C5orf51	0.95	1.00	0.95	1.02	8.03E-01	7.33E-01	8.13E-01	7.40E-01
NP_076968.2	SPATA5L1	spermatogenesis-associated protein 5-like protein 1 isoform 1	1.12	0.82	0.92	1.09	2.46E-01	1.46E-01	9.59E-02	2.73E-02
NP_001002755.1	NFU1	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial isoform 2	0.69	1.07	0.74	0.91	4.32E-02	9.91E-03	5.83E-02	8.36E-03
NP_689518.1	POGLUT1	protein O-glucosyltransferase 1 precursor	0.87	1.08	0.94	0.95	3.77E-01	2.60E-01	2.58E-01	1.40E-01
NP_005008.2	PCYT1A	choline-phosphate cytidylyltransferase A	1.04	1.02	1.06	1.29	6.39E-01	5.39E-01	9.07E-01	8.64E-01
NP_056036.1	DNMBP	dynamamin-binding protein isoform a	0.90	1.22	1.09	0.90	1.52E-01	7.42E-02	2.33E-01	1.20E-01
NP_057616.2	INPP5K	inositol polyphosphate 5-phosphatase K isoform 1	1.06	0.99	1.05	0.93	1.99E-01	1.09E-01	4.87E-01	3.60E-01
XP_006713103.1	CLASP2	CLIP-associating protein 2 isoform X1	0.81	1.23	0.99	0.96	1.16E-01	4.97E-02	1.99E-01	9.59E-02
NP_055870.2	SWAP70	switch-associated protein 70 isoform 1	1.13	1.14	1.29	1.07	6.58E-02	2.08E-02	6.48E-01	5.42E-01
XP_011510867.1	PLCH1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-1 isoform X5	1.41	0.66	0.93	1.17	2.34E-02	3.12E-03	3.45E-02	1.01E-03
XP_016866508.1	EXOC2	exocyst complex component 2 isoform X1	1.03	1.06	1.09	1.15	6.36E-01	5.35E-01	8.78E-01	8.28E-01
NP_055419.1	TAX1BP3	tax1-binding protein 3 isoform 1	0.99	0.89	0.88	1.02	9.45E-01	9.23E-01	4.94E-01	3.68E-01
XP_016879398.1	SETD1A	histone-lysine N-methyltransferase SETD1A isoform X1	0.96	1.04	1.01	1.14	2.98E-01	1.88E-01	1.60E-01	6.76E-02

NP_077001.1	DCTP1	dCTP pyrophosphatase 1	1.11	1.24	1.38	1.20	7.49E-01	6.67E-01	6.71E-01	5.67E-01
NP_054888.3	CHMP4A	charged multivesicular body protein 4a	0.91	1.05	0.96	1.07	1.04E-01	4.21E-02	8.50E-02	2.10E-02
NP_003093.2	SOD3	extracellular superoxide dismutase [Cu-Zn]	0.97	1.03	0.99	1.00	8.69E-01	8.15E-01	7.93E-01	7.16E-01
XP_024306618.1	ELAC2	zinc phosphodiesterase ELAC protein 2 isoform X1	0.95	1.04	0.98	1.01	6.93E-01	6.02E-01	5.57E-01	4.34E-01
NP_660309.1	NUDCD2	nudC domain-containing protein 2 isoform 1	0.94	1.07	1.00	1.06	1.11E-01	4.65E-02	1.05E-01	3.22E-02
NP_055577.1	DHCR24	delta(24)-sterol reductase precursor	0.88	1.05	0.92	0.95	2.08E-03	2.88E-05	3.53E-02	1.61E-03
XP_011515553.1	STK3	serine/threonine-protein kinase 3 isoform X4	0.76	0.97	0.72	0.92	5.52E-01	4.39E-01	6.04E-01	4.90E-01
NP_006082.3	CORO2B	coronin-2B isoform 1	1.00	0.93	0.93	0.99	9.99E-01	9.99E-01	4.34E-01	3.06E-01
NP_056345.3	GORASP2	Golgi reassembly-stacking protein 2 isoform 1	0.98	1.05	1.02	1.09	4.67E-01	3.49E-01	3.36E-01	2.10E-01
NP_002102.4	HTT	huntingtin	1.06	1.18	1.25	1.14	5.33E-02	1.48E-02	8.30E-01	7.62E-01
XP_024309460.1	EEFSEC	selenocysteine-specific elongation factor isoform X1	0.90	0.98	0.88	1.02	5.19E-01	4.05E-01	6.01E-01	4.86E-01
NP_004573.2	RABGGTB	geranylgeranyl transferase type-2 subunit beta	1.16	0.96	1.11	1.13	2.26E-02	2.91E-03	4.48E-02	3.50E-03
NP_060764.3	CWF19L1	CWF19-like protein 1 isoform 1	1.06	0.78	0.81	1.01	8.85E-01	8.39E-01	3.73E-01	2.45E-01
XP_006722716.1	C19orf25	UPF0449 protein C19orf25 isoform X1	1.83	0.61	1.10	1.38	2.86E-01	1.79E-01	1.57E-01	6.54E-02
NP_001303880.1	GPALPP1	GPALPP motifs-containing protein 1 isoform a	0.83	0.98	0.81	0.98	2.26E-01	1.29E-01	2.84E-01	1.63E-01
NP_056415.1	ABHD12	lysophosphatidylserine lipase ABHD12 isoform b	0.93	1.01	0.94	1.00	5.09E-02	1.36E-02	3.63E-01	2.34E-01
NP_006236.1	PPP2R5D	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform isoform 1	1.13	0.84	0.95	1.02	9.32E-02	3.55E-02	5.35E-02	6.39E-03
NP_859052.3	QSOX2	sulfhydryl oxidase 2 precursor	1.21	1.19	1.49	1.23	6.16E-01	5.12E-01	9.92E-01	9.87E-01
NP_001129204.1	TOM1	target of Myb protein 1 isoform 2	0.85	0.95	0.80	1.03	3.84E-01	2.66E-01	6.21E-01	5.07E-01
NP_001258803.1	AAR2	protein AAR2 homolog	1.10	0.91	1.00	1.18	1.39E-01	6.54E-02	8.74E-02	2.25E-02
NP_060855.2	LSG1	large subunit GTPase 1 homolog	1.07	1.00	1.07	1.05	1.49E-01	7.24E-02	1.94E-01	9.26E-02
NP_085148.1	SH3BP5L	SH3 domain-binding protein 5-like isoform 1	0.72	1.02	0.73	0.88	5.76E-02	1.70E-02	8.40E-02	2.03E-02
XP_016884516.1	THOC5	THO complex subunit 5 homolog isoform X1	1.03	1.00	1.04	1.03	8.77E-02	3.26E-02	5.68E-01	4.50E-01
NP_001311126.1	ITCH	E3 ubiquitin-protein ligase Itchy homolog isoform 1	1.36	0.69	0.90	0.91	6.53E-01	5.54E-01	3.70E-01	2.41E-01
NP_958437.1	BLOC1S5	biogenesis of lysosome-related organelles complex 1 subunit 5 isoform 1	1.04	1.08	1.12	1.33	6.59E-01	5.61E-01	6.16E-01	5.02E-01
NP_008817.1	ATP5F1E	ATP synthase subunit epsilon, mitochondrial	1.03	0.93	0.96	0.97	6.43E-01	5.44E-01	2.62E-01	1.44E-01
NP_001252.1	CDK9	cyclin-dependent kinase 9	0.96	1.32	1.27	1.00	7.50E-01	6.68E-01	2.01E-01	9.71E-02
NP_689677.1	TMEM199	transmembrane protein 199	1.43	0.48	0.66	1.03	4.24E-01	3.05E-01	1.50E-01	6.03E-02
NP_001317652.1	SNX27	sorting nexin-27 isoform 1	1.01	0.95	0.96	1.05	8.15E-01	7.46E-01	6.32E-01	5.21E-01
NP_005984.3	TBCD	tubulin-specific chaperone D	0.95	0.94	0.89	0.87	3.38E-01	2.22E-01	9.57E-01	9.38E-01
NP_078930.4	NOL9	polynucleotide 5'-hydroxyl-kinase NOL9	1.11	0.83	0.92	1.03	3.16E-01	2.04E-01	1.28E-01	4.62E-02
NP_003907.3	AP1S2	AP-1 complex subunit sigma-2 isoform 2	1.09	1.02	1.11	1.13	4.82E-01	3.64E-01	6.46E-01	5.36E-01
NP_115607.1	CIAO2A	cytosolic iron-sulfur assembly component 2A isoform a precursor	1.11	0.80	0.87	0.93	4.61E-01	3.41E-01	2.27E-01	1.15E-01
XP_016876870.1	PPM1A	protein phosphatase 1A isoform X1	1.06	0.98	1.04	1.07	6.74E-02	2.17E-02	6.77E-02	1.23E-02
XP_005245462.1	RFX5	DNA-binding protein RFX5 isoform X1	0.96	1.00	0.96	1.11	4.74E-01	3.57E-01	5.66E-01	4.46E-01
NP_003667.1	DEGS1	sphingolipid delta(4)-desaturase DES1 isoform 1	1.01	0.99	1.01	1.28	8.82E-01	8.35E-01	8.97E-01	8.52E-01
XP_016884588.1	GTPBP1	GTP-binding protein 1 isoform X1	1.14	0.95	1.08	1.08	1.30E-01	5.93E-02	4.08E-01	2.79E-01
NP_000391.1	ERCC2	general transcription and DNA repair factor III helicase subunit XPD isoform 1	1.07	0.81	0.86	1.02	2.59E-01	1.56E-01	2.34E-01	1.21E-01
NP_001350870.1	ARMC8	armadillo repeat-containing protein 8 isoform 6	1.19	1.02	1.22	1.31	1.81E-01	9.55E-02	5.58E-01	4.36E-01
NP_000700.1	BCKDHA	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial isoform 1 precursor	0.83	1.01	0.76	0.94	6.53E-01	5.54E-01	7.52E-01	6.64E-01
NP_059139.3	POLE3	DNA polymerase epsilon subunit 3	0.85	1.05	0.89	1.02	2.80E-03	5.61E-05	8.47E-02	2.08E-02
NP_006010.2	TCIRG1	V-type proton ATPase 116 kDa subunit a isoform 3 isoform a	1.13	0.94	1.06	1.03	1.05E-01	4.30E-02	1.05E-01	3.17E-02
NP_060536.3	GPN2	GPN-loop GTPase 2	0.76	1.28	0.91	0.88	4.40E-01	3.20E-01	4.40E-01	3.11E-01
NP_060062.2	MED29	mediator of RNA polymerase II transcription subunit 29 isoform 1	0.85	1.07	0.90	0.97	1.62E-01	8.18E-02	1.30E-01	4.75E-02
NP_059133.1	CPSF2	cleavage and polyadenylation specificity factor subunit 2 isoform 1	0.99	0.99	0.98	1.01	8.75E-01	8.25E-01	9.82E-01	9.74E-01
NP_003867.1	TMEM11	transmembrane protein 11, mitochondrial	1.00	0.98	0.99	1.02	9.42E-01	9.16E-01	5.49E-01	4.27E-01
XP_005268263.1	ELMSAN1	ELM2 and SANT domain-containing protein 1 isoform X1	0.97	0.98	0.94	1.05	6.44E-01	5.45E-01	9.43E-01	9.17E-01

NP_037374.1	CFAP20	cilia- and flagella-associated protein 20	1.17	0.91	1.06	1.08	2.05E-02	2.48E-03	6.05E-02	9.26E-03
NP_001093139.1	HIGD1A	HIG1 domain family member 1A, mitochondrial isoform b	1.23	0.98	1.20	1.25	6.67E-02	2.13E-02	8.25E-02	1.95E-02
NP_077719.2	NOTCH2	neurogenic locus notch homolog protein 2 isoform 1	0.70	1.34	0.91	0.79	2.18E-01	1.23E-01	1.78E-01	8.09E-02
NP_057036.2	RWDD1	RWD domain-containing protein 1 isoform a	0.74	1.05	0.78	0.88	8.87E-02	3.32E-02	1.04E-01	3.16E-02
XP_024302662.1	SRPK2	SRSF protein kinase 2 isoform X3	1.08	0.93	1.00	1.07	2.62E-01	1.60E-01	1.76E-01	7.96E-02
NP_001304818.1	TATDN1	putative deoxyribonuclease TATDN1 isoform c	1.12	0.91	1.01	1.06	5.47E-01	4.33E-01	4.44E-01	3.16E-01
NP_065145.2	CHMP1B	charged multivesicular body protein 1b	1.02	0.96	0.97	1.08	6.81E-01	5.86E-01	3.88E-01	2.59E-01
NP_056442.2	LDLRAP1	low density lipoprotein receptor adapter protein 1	0.97	0.92	0.90	0.94	4.02E-01	2.81E-01	2.28E-01	1.15E-01
NP_057085.2	UTP18	U3 small nucleolar RNA-associated protein 18 homolog	0.97	1.05	1.02	1.07	6.14E-01	5.09E-01	5.35E-01	4.12E-01
NP_852615.1	MRPL21	39S ribosomal protein L21, mitochondrial isoform d	1.19	0.80	0.95	1.12	1.83E-01	9.65E-02	9.50E-02	2.71E-02
NP_057078.1	ATP6V1D	V-type proton ATPase subunit D	1.12	1.07	1.19	1.22	2.38E-02	3.24E-03	5.58E-01	4.35E-01
XP_006719826.1	EXOSC8	exosome complex component RRP43 isoform X1	0.94	1.36	1.27	1.20	3.17E-01	2.05E-01	1.38E-01	5.23E-02
NP_056986.2	UBR5	E3 ubiquitin-protein ligase UBR5 isoform 1	1.10	0.84	0.92	1.09	3.67E-01	2.49E-01	1.75E-01	7.85E-02
NP_001315.1	CSTF1	cleavage stimulation factor subunit 1	1.03	0.93	0.96	0.99	8.48E-01	7.88E-01	4.73E-01	3.45E-01
NP_056139.1	RRP8	ribosomal RNA-processing protein 8	1.04	1.01	1.05	1.14	4.27E-01	3.07E-01	7.42E-01	6.52E-01
XP_016879565.1	SYNRG	synergin gamma isoform X1	1.09	0.92	1.00	1.13	6.17E-02	1.88E-02	1.94E-01	9.26E-02
NP_001350671.1	ATG16L1	autophagy-related protein 16-1 isoform 6	0.91	1.21	1.05	1.03	7.37E-01	6.52E-01	5.68E-01	4.50E-01
XP_011507442.1	NIBAN1	protein Niban 1 isoform X1	1.14	1.11	1.26	1.11	1.72E-01	8.93E-02	8.49E-01	7.88E-01
NP_004877.1	APBA3	amyloid-beta A4 precursor protein-binding family A member 3	1.10	0.89	0.98	1.06	2.46E-01	1.45E-01	2.58E-01	1.40E-01
NP_001335325.1	ST3GAL4	CMP-N-acetylneuraminase-beta-galactosamide-alpha-2,3-sialyltransferase 4 isoform 4	1.09	0.86	0.92	1.12	8.20E-01	7.53E-01	5.12E-01	3.89E-01
XP_005264577.1	GCFC2	GC-rich sequence DNA-binding factor 2 isoform X1	0.97	1.03	1.01	1.07	4.20E-01	3.00E-01	5.62E-01	4.42E-01
XP_011531375.1	STRN	striatin isoform X1	0.98	1.01	0.99	1.06	6.35E-01	5.32E-01	7.44E-01	6.55E-01
NP_057517.1	GLTP	glycolipid transfer protein	1.05	0.99	1.04	1.09	3.95E-02	8.44E-03	2.00E-01	9.68E-02
XP_016875377.1	SOX5	transcription factor SOX-5 isoform X1	0.89	1.03	0.92	0.96	2.03E-01	1.12E-01	1.89E-01	8.86E-02
NP_006848.1	SNRNP27	U4/U6.U5 small nuclear ribonucleoprotein 27 kDa protein	1.16	1.17	1.38	1.68	5.39E-01	4.25E-01	9.56E-01	9.37E-01
NP_075391.3	INTS3	integrator complex subunit 3	1.08	0.89	0.96	1.00	4.15E-01	2.95E-01	1.74E-01	7.78E-02
NP_002877.2	RAP2B	ras-related protein Rap-2b	1.05	1.09	1.14	1.17	5.78E-03	1.93E-04	7.28E-01	6.32E-01
NP_000080.2	COL1A2	collagen alpha-2(I) chain precursor	1.13	0.84	0.95	1.21	2.01E-01	1.10E-01	8.66E-02	2.21E-02
XP_016855889.1	SLC30A7	zinc transporter 7 isoform X1	1.26	0.79	1.00	1.06	8.02E-02	2.83E-02	5.70E-02	7.67E-03
NP_477517.1	BORCS5	BLOC-1-related complex subunit 5 isoform 1	1.04	0.88	0.91	1.21	3.52E-01	2.35E-01	4.42E-01	3.14E-01
NP_620130.2	ALKBH8	alkylated DNA repair protein alkB homolog 8 isoform 2	1.04	0.98	1.02	0.95	5.85E-01	4.76E-01	4.50E-01	3.21E-01
NP_054722.2	DHX38	pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16	1.04	0.98	1.01	1.10	4.95E-01	3.77E-01	5.81E-01	4.65E-01
NP_116249.2	LTV1	protein LTV1 homolog isoform 1	0.85	0.89	0.74	0.86	1.42E-01	6.75E-02	9.65E-01	9.50E-01
NP_005819.3	DCAF7	DDB1- and CUL4-associated factor 7	1.12	0.92	1.03	1.05	1.00E-01	3.99E-02	1.51E-01	6.10E-02
NP_443183.1	DNTTIP1	deoxynucleotidyltransferase terminal-interacting protein 1	0.74	0.97	0.71	0.97	2.09E-01	1.16E-01	2.93E-01	1.72E-01
NP_001028740.1	RHOT1	mitochondrial Rho GTPase 1 isoform 1	0.99	1.04	1.03	1.03	8.97E-01	8.54E-01	7.32E-01	6.39E-01
NP_001358323.1	SUMO1	small ubiquitin-related modifier 1 isoform c	0.88	0.97	0.85	1.06	1.69E-01	8.66E-02	2.50E-01	1.34E-01
NP_005735.2	ARIH1	E3 ubiquitin-protein ligase ARIH1	1.16	0.88	1.01	1.17	4.69E-01	3.53E-01	3.73E-01	2.46E-01
NP_001333268.1	MRRF	ribosome-recycling factor, mitochondrial isoform 4	0.97	0.97	0.94	1.02	5.47E-01	4.33E-01	9.22E-01	8.88E-01
NP_001357079.1	ISG20L2	interferon-stimulated 20 kDa exonuclease-like 2	0.94	1.04	0.97	1.01	6.26E-01	5.22E-01	5.09E-01	3.84E-01
NP_000549.1	HBA1	hemoglobin subunit alpha	1.67	0.76	1.27	1.40	1.01E-02	5.37E-04	4.07E-02	2.42E-03
NP_005430.1	MLF2	myeloid leukemia factor 2	0.98	0.90	0.87	1.23	8.59E-01	8.01E-01	7.09E-01	6.08E-01
NP_001185883.1	RNF103-CHMP3	RNF103-CHMP3 protein	1.04	1.04	1.08	1.12	2.88E-01	1.81E-01	8.63E-01	8.09E-01
NP_060566.2	NLE1	notchless protein homolog 1 isoform a	1.11	0.94	1.04	1.10	3.59E-01	2.41E-01	3.74E-01	2.46E-01
NP_054736.1	LAMTOR2	ragulator complex protein LAMTOR2 isoform 1	1.02	0.75	0.77	0.81	5.64E-01	4.54E-01	6.05E-02	9.22E-03
NP_000047.1	BCKDHB	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial isoform 1 precursor	1.11	1.02	1.13	1.10	1.15E-01	4.89E-02	2.31E-01	1.19E-01

XP_005264383.1	MPV17	protein Mpv17 isoform X1	1.95	0.46	0.74	1.04	5.78E-01	4.67E-01	3.06E-01	1.82E-01
NP_001012533.1	FECH	ferrochelatase, mitochondrial isoform a precursor	1.11	1.01	1.12	1.12	1.92E-02	2.18E-03	4.79E-01	3.53E-01
XP_006717803.1	EBF3	transcription factor COE3 isoform X2	1.23	1.01	1.18	1.33	6.13E-01	5.07E-01	7.12E-01	6.13E-01
XP_011515270.2	AGO2	protein argonaute-2 isoform X1	1.09	0.94	1.03	0.95	1.01E-01	4.05E-02	1.76E-01	7.95E-02
NP_057329.3	HSD17B11	estradiol 17-beta-dehydrogenase 11 precursor	0.96	0.98	0.94	1.04	5.92E-01	4.84E-01	8.11E-01	7.38E-01
NP_054899.2	MRLP22	39S ribosomal protein L22, mitochondrial isoform a	1.04	1.22	1.26	1.63	5.63E-01	4.52E-01	6.68E-01	5.64E-01
XP_011538856.2	SMIM12	small integral membrane protein 12 isoform X1	1.03	0.91	0.93	1.03	4.73E-01	3.56E-01	1.39E-01	5.33E-02
NP_006799.1	SEC61B	protein transport protein Sec61 subunit beta	1.13	0.91	1.03	0.98	8.07E-02	2.88E-02	9.33E-02	2.60E-02
NP_008826.1	HNMT	histamine N-methyltransferase isoform 1	1.01	0.97	0.98	1.04	1.55E-01	7.62E-02	4.95E-01	3.69E-01
NP_066363.1	ZNFX1	NFX1-type zinc finger-containing protein 1	0.83	1.12	0.93	1.00	2.07E-02	2.53E-03	5.35E-02	6.64E-03
XP_011531831.1	RFTN1	raftlin isoform X1	1.26	0.77	0.99	1.15	4.35E-01	3.14E-01	2.45E-01	1.30E-01
NP_078895.2	FN3KRP	ketosamine-3-kinase	1.16	0.99	1.15	1.08	3.11E-02	5.23E-03	8.67E-02	2.22E-02
XP_011519056.1	ATF7IP	activating transcription factor 7-interacting protein 1 isoform X2	0.89	0.93	0.83	0.90	3.89E-01	2.70E-01	8.42E-01	7.78E-01
NP_116193.2	ADO	2-aminoethanethiol dioxygenase	1.03	0.97	1.00	1.05	6.40E-01	5.40E-01	4.11E-01	2.82E-01
NP_060295.1	ADPRHL2	ADP-ribose glycohydrolase ARH3	1.22	1.03	1.26	1.11	1.44E-02	1.22E-03	5.68E-02	7.60E-03
XP_016865857.1	EYA4	eyes absent homolog 4 isoform X1	0.99	1.13	1.09	1.24	9.29E-01	8.97E-01	7.31E-01	6.38E-01
NP_002446.3	MTX1	metaxin-1 isoform 1	1.14	0.84	0.96	1.12	3.87E-02	8.06E-03	3.05E-01	1.82E-01
XP_016884289.1	ARSA	arylsulfatase A isoform X1	0.89	1.08	0.96	0.97	2.17E-01	1.22E-01	1.36E-01	5.11E-02
NP_055321.1	TOR1B	torsin-1B isoform 1 precursor	1.02	0.91	0.92	1.01	8.01E-01	7.31E-01	2.10E-01	1.03E-01
NP_055020.1	ZNHIT2	zinc finger HIT domain-containing protein 2	1.34	0.66	0.87	1.18	2.84E-01	1.78E-01	1.45E-01	5.67E-02
NP_005877.2	KATNB1	katanin p80 WD40 repeat-containing subunit B1	1.10	0.92	1.01	1.08	6.85E-02	2.22E-02	9.34E-02	2.60E-02
NP_942600.1	FIBP	acidic fibroblast growth factor intracellular-binding protein isoform a	0.92	1.17	1.06	1.01	5.03E-01	3.86E-01	4.99E-01	3.73E-01
NP_001273501.1	RNF40	E3 ubiquitin-protein ligase BRE1B isoform 1	0.85	1.12	0.96	0.92	2.35E-01	1.36E-01	2.01E-01	9.72E-02
NP_001545.2	CCN1	CCN family member 1 precursor	1.07	1.01	1.08	1.23	3.39E-01	2.23E-01	4.91E-01	3.65E-01
XP_011520278.1	TLE3	transducin-like enhancer protein 3 isoform X1	1.11	0.91	1.01	1.03	3.85E-01	2.67E-01	2.34E-01	1.21E-01
NP_065956.1	RDH14	retinol dehydrogenase 14	1.14	1.06	1.21	1.08	4.24E-02	9.58E-03	1.09E-01	3.39E-02
NP_006720.1	DIAPH2	protein diaphanous homolog 2 isoform 156	1.02	1.05	1.08	1.09	4.48E-01	3.28E-01	4.58E-01	3.30E-01
XP_006712643.1	GULP1	PTB domain-containing engulfment adapter protein 1 isoform X1	1.03	0.87	0.89	1.00	1.03E-01	4.17E-02	2.31E-01	1.18E-01
NP_004347.1	CD81	CD81 antigen isoform 1	0.97	0.97	0.94	0.99	1.03E-01	4.13E-02	9.54E-01	9.34E-01
NP_001159403.1	RRM2	ribonucleoside-diphosphate reductase subunit M2 isoform 1	1.40	0.95	1.26	1.48	4.91E-01	3.72E-01	4.90E-01	3.63E-01
XP_011522644.1	COX11	cytochrome c oxidase assembly protein COX11, mitochondrial isoform X1	1.35	1.03	1.40	1.04	2.25E-02	2.88E-03	5.08E-01	3.83E-01
NP_689929.2	PATL1	protein PAT1 homolog 1	1.00	0.95	0.94	1.10	9.29E-01	8.98E-01	9.77E-01	9.65E-01
NP_001295561.1	POLD1	DNA polymerase delta catalytic subunit isoform 2	0.87	0.98	0.86	0.98	1.66E-02	1.68E-03	5.02E-01	3.76E-01
NP_001002032.1	JPT1	jupiter microtubule associated homolog 1 isoform 2	0.63	1.12	0.71	0.89	1.87E-02	2.09E-03	3.53E-02	1.59E-03
XP_005253658.1	RSRC2	arginine/serine-rich coiled-coil protein 2 isoform X1	0.87	0.94	0.83	0.77	5.18E-01	4.03E-01	8.28E-01	7.59E-01
NP_056273.2	MTMR9	myotubularin-related protein 9	1.04	1.07	1.11	1.12	5.99E-01	4.93E-01	8.37E-01	7.70E-01
NP_055217.2	UQCRQ	cytochrome b-c1 complex subunit 8	1.02	0.99	1.00	1.10	7.77E-01	7.00E-01	6.50E-01	5.44E-01
NP_005528.4	ING1	inhibitor of growth protein 1 isoform D	0.94	0.95	0.89	1.11	2.26E-01	1.29E-01	9.12E-01	8.71E-01
NP_079055.3	PIP4K2C	phosphatidylinositol 5-phosphate 4-kinase type-2 gamma isoform a	1.05	0.98	1.03	1.00	9.40E-04	7.49E-06	3.97E-01	2.67E-01
XP_016868239.1	CDK13	cyclin-dependent kinase 13 isoform X1	1.11	1.02	1.12	1.21	4.49E-01	3.30E-01	5.87E-01	4.71E-01
NP_001065243.1	MZT1	mitotic-spindle organizing protein 1	0.96	1.21	1.17	1.10	4.48E-01	3.28E-01	3.47E-01	2.20E-01
NP_001973.2	ERBB3	receptor tyrosine-protein kinase erbB-3 isoform 1 precursor	1.14	1.12	1.26	1.03	9.36E-01	9.08E-01	9.29E-01	8.99E-01
XP_011527050.1	ADNP	activity-dependent neuroprotector homeobox protein isoform X1	0.95	0.96	0.91	1.17	5.56E-01	4.44E-01	9.61E-01	9.43E-01
NP_000128.1	FAH	fumarylacetoacetase	1.43	0.92	1.32	1.30	4.21E-01	3.01E-01	3.56E-01	2.28E-01
NP_620164.1	CMBL	carboxymethylenebutenolidase homolog	1.18	0.78	0.90	1.06	3.45E-01	2.29E-01	3.24E-01	1.99E-01
NP_004214.1	UBE2L6	ubiquitin-ISO15-conjugating enzyme E2 L6 isoform 1	0.90	1.05	0.94	1.08	1.84E-01	9.72E-02	1.34E-01	4.96E-02
NP_001420.2	EP300	histone acetyltransferase p300 isoform 1	1.35	0.67	0.90	1.43	2.60E-02	3.84E-03	6.08E-02	9.41E-03

NP_001287954.2	TJP1	tight junction protein ZO-1 isoform c	0.95	1.08	1.03	1.07	1.85E-01	9.77E-02	1.17E-01	3.90E-02
XP_016885171.1	SHROOM4	protein Shroom4 isoform X1	0.87	0.78	0.70	0.98	5.45E-01	4.30E-01	7.60E-01	6.75E-01
NP_004789.1	KIF3B	kinesin-like protein KIF3B	0.99	1.02	1.02	0.90	4.04E-01	2.83E-01	5.63E-01	4.43E-01
NP_001036075.1	DBNDD1	dysbindin domain-containing protein 1 isoform 1	1.02	0.95	0.96	1.05	9.84E-01	9.77E-01	8.59E-01	8.03E-01
NP_005919.2	MFGE8	lactadherin isoform a	0.93	0.93	0.87	1.09	5.40E-01	4.26E-01	9.96E-01	9.95E-01
NP_001243423.1	MAN2C1	alpha-mannosidase 2C1 isoform 2	1.16	0.89	1.02	1.10	3.36E-01	2.21E-01	3.97E-01	2.68E-01
NP_056157.1	PPWD1	peptidylprolyl isomerase domain and WD repeat-containing protein 1 isoform 1	0.96	1.04	0.99	0.89	8.16E-01	7.48E-01	7.35E-01	6.43E-01
XP_016874820.1	ATF1	cyclic AMP-dependent transcription factor ATF-1 isoform X1	0.87	1.01	0.88	0.95	5.67E-02	1.65E-02	1.25E-01	4.38E-02
NP_004658.3	HERC2	E3 ubiquitin-protein ligase HERC2	1.17	0.90	1.05	1.27	2.17E-01	1.22E-01	1.40E-01	5.39E-02
NP_009151.1	CA5B	carbonic anhydrase 5B, mitochondrial precursor	1.15	1.01	1.15	1.17	7.53E-02	2.57E-02	6.51E-01	5.45E-01
NP_059431.1	CYTH2	cytohesin-2 isoform 1	0.88	1.11	0.98	1.03	7.24E-02	2.41E-02	2.27E-01	1.15E-01
NP_001273540.1	REPS1	ralBP1-associated Eps domain-containing protein 1 isoform c	1.12	1.15	1.27	1.12	3.14E-01	2.03E-01	9.78E-01	9.67E-01
NP_001108072.1	SZRD1	SUZ domain-containing protein 1 isoform 1	0.86	0.99	0.86	0.91	2.05E-02	2.50E-03	9.88E-02	2.86E-02
XP_011531021.1	PUM2	pumilio homolog 2 isoform X1	1.05	0.92	0.94	0.93	8.64E-01	8.09E-01	7.14E-01	6.16E-01
NP_002475.2	NUBP1	cytosolic Fe-S cluster assembly factor NUBP1 isoform 1	1.05	1.47	1.59	1.41	7.79E-01	7.03E-01	5.88E-01	4.72E-01
XP_005247145.1	PDCD10	programmed cell death protein 10 isoform X1	1.00	1.01	1.01	1.04	9.87E-01	9.82E-01	7.63E-01	6.78E-01
NP_003464.1	STAM	signal transducing adapter molecule 1 isoform a	0.91	1.06	0.95	1.09	7.42E-01	6.59E-01	6.50E-01	5.44E-01
NP_689596.4	DIS3L2	DIS3-like exonuclease 2 isoform 1	1.01	1.05	1.04	1.04	9.99E-01	9.99E-01	8.68E-01	8.15E-01
XP_011527179.1	UQCC1	ubiquinol-cytochrome-c reductase complex assembly factor 1 isoform X1	1.12	0.96	1.07	1.04	2.32E-02	3.08E-03	7.57E-02	1.59E-02
NP_001026788.1	COX19	cytochrome c oxidase assembly protein COX19	0.99	0.94	0.94	1.21	9.31E-01	9.00E-01	5.73E-01	4.56E-01
XP_016884760.1	APOOL	MICOS complex subunit MIC27 isoform X1	0.94	1.32	1.22	0.96	4.42E-01	3.22E-01	6.16E-01	5.03E-01
NP_055410.1	NT5C	5'(3')-deoxyribonucleotidase, cytosolic type isoform 1	1.17	0.99	1.11	1.37	6.52E-01	5.54E-01	7.23E-01	6.25E-01
XP_016856940.1	UFC1	ubiquitin-fold modifier-conjugating enzyme 1 isoform X1	0.98	0.99	0.97	0.97	6.98E-01	6.08E-01	7.76E-01	6.94E-01
XP_006723003.1	TRIP10	cdc42-interacting protein 4 isoform X1	1.08	0.95	1.02	0.95	2.06E-01	1.15E-01	1.30E-01	4.72E-02
XP_016861031.1	ATG7	ubiquitin-like modifier-activating enzyme ATG7 isoform X1	1.06	0.92	0.97	1.11	4.53E-01	3.34E-01	3.46E-01	2.19E-01
NP_060366.1	GID8	glucose-induced degradation protein 8 homolog	0.86	0.98	0.84	1.01	2.70E-01	1.66E-01	3.74E-01	2.47E-01
NP_055971.2	RCOR1	REST corepressor 1	0.95	0.86	0.80	0.90	8.18E-01	7.50E-01	8.43E-01	7.80E-01
NP_054796.1	FAM32A	protein FAM32A	0.77	0.93	0.72	1.10	1.13E-01	4.80E-02	1.92E-01	9.07E-02
XP_006719243.1	SH2B3	SH2B adapter protein 3 isoform X6	1.19	0.77	0.91	1.12	2.39E-01	1.40E-01	1.58E-01	6.61E-02
NP_078805.3	CDC73	parafibromin	0.98	0.91	0.89	0.99	8.39E-01	7.77E-01	5.86E-01	4.71E-01
NP_001161339.1	DMAC2	distal membrane-arm assembly complex protein 2 isoform 1	1.05	1.20	1.25	1.06	4.72E-01	3.55E-01	2.74E-01	1.54E-01
XP_005245370.1	PRCC	proline-rich protein PRCC isoform X1	0.99	1.04	1.03	1.11	9.42E-01	9.16E-01	7.33E-01	6.41E-01
XP_005248611.1	ERBIN	erbin isoform X1	1.04	1.08	1.12	1.12	6.05E-02	1.83E-02	7.37E-01	6.46E-01
NP_057130.1	EXOSC1	exosome complex component CSL4 isoform a	0.99	0.97	0.96	1.05	8.86E-01	8.41E-01	8.78E-01	8.28E-01
NP_067041.1	INIP	SOSS complex subunit C isoform a	1.37	0.93	1.24	1.34	3.25E-01	2.11E-01	3.71E-01	2.42E-01
NP_002791.1	PSMB9	proteasome subunit beta type-9 precursor	1.40	0.82	1.10	1.08	3.48E-01	2.32E-01	3.36E-01	2.10E-01
NP_001273727.1	NTMT1	N-terminal Xaa-Pro-Lys N-methyltransferase 1 isoform a	1.25	1.04	1.30	1.05	2.29E-01	1.32E-01	3.18E-01	1.94E-01
XP_011530429.1	BDH2	3-hydroxybutyrate dehydrogenase type 2 isoform X1	1.03	1.04	1.08	1.09	4.69E-01	3.52E-01	8.24E-01	7.53E-01
NP_060404.4	PHIP	PH-interacting protein	1.09	1.02	1.12	1.10	1.31E-01	6.00E-02	6.13E-01	4.99E-01
NP_001129145.1	ATL2	atlastin-2 isoform 2	1.18	0.86	1.01	1.02	4.47E-02	1.06E-02	5.34E-02	6.29E-03
XP_011543334.1	LTBP3	latent-transforming growth factor beta-binding protein 3 isoform X1	0.81	1.03	0.84	0.91	1.00E-01	3.98E-02	3.47E-01	2.20E-01
NP_115677.2	FBXW9	F-box/WD repeat-containing protein 9	0.88	1.10	0.97	0.95	2.38E-01	1.39E-01	1.54E-01	6.29E-02
XP_006712758.1	RAPH1	ras-associated and pleckstrin homology domains-containing protein 1 isoform X1	1.06	0.98	1.04	1.05	5.11E-01	3.95E-01	4.97E-01	3.71E-01
NP_006661.1	TPBG	trophoblast glycoprotein precursor	1.10	0.92	1.01	1.07	1.39E-02	1.12E-03	5.53E-02	7.05E-03
XP_024307261.1	IRF3	interferon regulatory factor 3 isoform X2	1.05	1.05	1.10	1.06	1.75E-01	9.13E-02	8.63E-01	8.10E-01
NP_060354.4	PINX1	PIN2/TERF1-interacting telomerase inhibitor 1 isoform 1	0.89	1.11	0.99	1.16	4.37E-01	3.17E-01	2.50E-01	1.34E-01
XP_011524619.1	PAK4	serine/threonine-protein kinase PAK 4 isoform X1	0.94	1.23	1.15	0.89	6.35E-01	5.32E-01	2.93E-01	1.72E-01

NP_009135.4	DDX20	probable ATP-dependent RNA helicase DDX20	1.00	0.99	0.99	1.06	9.59E-01	9.42E-01	9.82E-01	9.74E-01
NP_001005333.1	MAGED1	melanoma-associated antigen D1 isoform a	0.95	1.02	0.97	0.99	3.77E-01	2.60E-01	3.13E-01	1.89E-01
NP_005779.1	PRMT3	protein arginine N-methyltransferase 3 isoform 1	1.17	0.97	1.13	1.12	5.50E-02	1.57E-02	6.43E-02	1.06E-02
NP_006103.1	PPIE	peptidyl-prolyl cis-trans isomerase E isoform 1	1.04	1.21	1.26	1.08	6.69E-01	5.72E-01	5.20E-01	3.96E-01
XP_005254331.1	GABPB1	GA-binding protein subunit beta-1 isoform X4	0.83	1.06	0.88	0.96	4.14E-02	9.09E-03	5.68E-02	7.60E-03
XP_005266395.1	SACS	sacsin isoform X1	1.35	0.88	1.21	1.13	1.43E-01	6.82E-02	2.90E-01	1.69E-01
NP_004773.1	SNAP29	synaptosomal-associated protein 29	0.95	0.99	0.94	1.02	1.81E-01	9.52E-02	6.73E-01	5.69E-01
NP_001035754.1	PPAN-P2RY11	PPAN-P2RY11 protein isoform 1	1.09	0.98	1.06	1.07	1.47E-01	7.07E-02	1.32E-01	4.85E-02
NP_006388.2	RNASEH2A	ribonuclease H2 subunit A	1.04	0.89	0.92	1.04	5.92E-01	4.85E-01	2.00E-01	9.64E-02
NP_060755.1	IMP3	U3 small nucleolar ribonucleoprotein protein IMP3	1.05	0.98	1.00	0.91	8.95E-01	8.52E-01	8.59E-01	8.03E-01
NP_001258570.1	MTCH1	mitochondrial carrier homolog 1 isoform PSAP-LL	1.14	1.13	1.29	1.27	2.29E-02	2.99E-03	9.30E-01	9.01E-01
NP_001135442.1	DAXX	death domain-associated protein 6 isoform b	0.99	0.84	0.83	1.01	8.94E-01	8.51E-01	4.56E-01	3.28E-01
XP_016856867.1	NVL	nuclear valosin-containing protein-like isoform X1	1.16	0.84	0.96	0.98	7.14E-01	6.26E-01	4.58E-01	3.30E-01
NP_057149.1	MRPS16	28S ribosomal protein S16, mitochondrial	1.06	1.00	1.07	1.18	4.25E-01	3.05E-01	7.08E-01	6.08E-01
NP_031390.1	TMED3	transmembrane emp24 domain-containing protein 3 isoform a precursor	1.10	0.93	1.03	1.10	5.05E-02	1.32E-02	9.04E-02	2.44E-02
NP_291020.1	SYS1	protein SYS1 homolog isoform a	0.96	0.96	0.92	1.05	6.09E-01	5.04E-01	9.44E-01	9.19E-01
NP_001358465.1	FUT8	alpha-(1,6)-fucosyltransferase isoform c	1.03	1.13	1.15	1.04	4.76E-01	3.58E-01	4.63E-01	3.35E-01
NP_054797.2	MRPL13	39S ribosomal protein L13, mitochondrial	0.98	1.01	0.99	0.96	7.69E-01	6.90E-01	7.30E-01	6.36E-01
XP_006719604.1	RBMS2	RNA-binding motif, single-stranded-interacting protein 2 isoform X1	0.99	1.02	1.01	1.12	5.79E-01	4.69E-01	2.68E-01	1.49E-01
NP_001265135.1	SLC43A3	solute carrier family 43 member 3 isoform 2	0.98	1.03	1.01	0.99	1.29E-01	5.83E-02	3.47E-01	2.20E-01
XP_016883913.1	S100B	protein S100-B isoform X1	1.09	1.03	1.12	0.95	7.23E-01	6.36E-01	8.42E-01	7.79E-01
NP_003711.1	PSMG1	proteasome assembly chaperone 1 isoform a	0.95	0.99	0.94	1.06	2.01E-01	1.10E-01	2.75E-01	1.55E-01
NP_694992.2	LRRC57	leucine-rich repeat-containing protein 57	1.02	0.97	0.99	1.05	5.53E-03	1.81E-04	8.89E-02	2.33E-02
NP_689822.2	CNST	consortin isoform 1	1.25	0.80	0.97	1.10	5.56E-01	4.44E-01	3.94E-01	2.65E-01
NP_060052.3	UBE2Q1	ubiquitin-conjugating enzyme E2 Q1	1.02	1.02	1.05	1.03	4.41E-02	1.03E-02	9.45E-01	9.20E-01
NP_003293.2	TRIP6	thyroid receptor-interacting protein 6	1.09	1.08	1.13	1.17	7.89E-01	7.14E-01	9.58E-01	9.40E-01
XP_011532279.1	ROBO1	roundabout homolog 1 isoform X1	1.36	0.76	0.88	1.13	9.37E-01	9.10E-01	7.37E-01	6.47E-01
NP_001006640.1	TCEAL1	transcription elongation factor A protein-like 1	0.70	0.98	0.68	0.92	1.35E-02	1.04E-03	3.53E-02	1.74E-03
NP_009017.1	WDHD1	WD repeat and HMG-box DNA-binding protein 1 isoform 1	0.99	1.00	0.99	0.99	8.10E-02	2.90E-02	7.25E-01	6.28E-01
NP_004283.2	RIN1	ras and Rab interactor 1 isoform 1	0.77	1.13	0.88	1.27	4.72E-03	1.34E-04	3.93E-01	2.64E-01
NP_071935.1	POLR1E	DNA-directed RNA polymerase I subunit RPA49 isoform 1	0.93	1.11	1.03	1.29	5.54E-01	4.41E-01	2.78E-01	1.58E-01
NP_443730.1	GNB1L	guanine nucleotide-binding protein subunit beta-like protein 1	1.06	0.94	0.99	1.05	5.86E-01	4.77E-01	4.01E-01	2.71E-01
NP_689821.3	SDE2	replication stress response regulator SDE2	0.94	1.01	0.94	1.11	5.17E-01	4.01E-01	5.35E-01	4.12E-01
NP_005859.1	BET1	BET1 homolog isoform 1	1.05	1.05	1.10	1.05	7.28E-01	6.41E-01	9.54E-01	9.34E-01
XP_006710865.2	ABCD3	ATP-binding cassette sub-family D member 3 isoform X1	1.22	0.84	1.02	1.15	8.02E-02	2.84E-02	6.03E-02	9.16E-03
NP_001633.1	APLP2	amyloid-like protein 2 isoform 1 precursor	1.23	0.79	0.96	1.00	3.97E-01	2.76E-01	1.97E-01	9.44E-02
NP_000584.2	TAP1	antigen peptide transporter 1 isoform 1	1.19	0.97	1.15	1.05	3.39E-02	6.32E-03	1.27E-01	4.46E-02
NP_074036.1	CBFB	core-binding factor subunit beta isoform 1	0.97	0.97	0.94	1.04	6.77E-01	5.81E-01	9.77E-01	9.64E-01
NP_997717.2	BOLA3	bolaA-like protein 3 isoform 1	0.83	1.08	0.90	0.92	1.97E-01	1.08E-01	1.55E-01	6.37E-02
NP_001073970.1	TMEM223	transmembrane protein 223	1.15	1.02	1.18	1.27	9.56E-02	3.70E-02	4.09E-01	2.80E-01
NP_060347.2	SLC35F6	solute carrier family 35 member F6 precursor	1.05	1.13	1.18	1.19	6.79E-01	5.84E-01	5.23E-01	3.99E-01
NP_001340434.1	INTS10	integrator complex subunit 10 isoform a	0.78	1.04	0.81	0.95	5.95E-02	1.79E-02	1.81E-01	8.29E-02
XP_024306409.1	ERBB2	receptor tyrosine-protein kinase erbB-2 isoform X1	1.47	0.92	1.26	1.35	5.70E-01	4.60E-01	5.28E-01	4.06E-01
NP_079120.1	NUP85	nuclear pore complex protein Nup85 isoform 1	0.91	0.97	0.88	0.92	2.19E-01	1.24E-01	5.91E-01	4.76E-01
NP_001316671.1	DPCD	protein DPCD isoform 1	1.12	0.86	0.96	1.08	3.54E-01	2.37E-01	2.43E-01	1.28E-01
XP_011510350.1	TANC1	protein TANC1 isoform X2	1.64	0.85	1.33	1.35	1.72E-01	8.87E-02	2.90E-01	1.69E-01
NP_660344.2	TVP23C	Golgi apparatus membrane protein TVP23 homolog C isoform 1	1.15	1.07	1.24	1.13	1.35E-01	6.24E-02	3.18E-01	1.94E-01

NP_001335456.1	KNOP1	lysine-rich nucleolar protein 1 isoform a	0.80	1.20	0.95	0.90	6.50E-02	2.05E-02	1.96E-01	9.41E-02
NP_055557.2	TM9SF4	transmembrane 9 superfamily member 4 isoform 1 precursor	1.11	0.95	1.05	1.06	4.06E-02	8.86E-03	3.27E-01	2.03E-01
NP_150596.1	SEC11C	signal peptidase complex catalytic subunit SEC11C isoform 1	0.96	1.05	1.01	1.23	6.60E-01	5.63E-01	4.30E-01	3.02E-01
NP_004702.2	SYNGR1	synaptogyrin-1 isoform 1a	1.08	1.05	1.13	1.11	7.30E-02	2.44E-02	3.63E-01	2.35E-01
NP_001854.1	COX6B1	cytochrome c oxidase subunit 6B1	0.87	0.97	0.85	1.14	3.19E-02	5.58E-03	1.27E-01	4.55E-02
NP_077309.1	FSD1	fibronectin type III and SPRY domain-containing protein 1 isoform 1	0.82	1.06	0.85	1.04	3.69E-01	2.52E-01	4.20E-01	2.92E-01
XP_016882067.1	CCDC9	coiled-coil domain-containing protein 9 isoform X1	0.87	1.05	0.91	0.97	5.95E-03	2.01E-04	3.31E-02	3.99E-04
NP_757345.2	TAPBP	tapasin isoform 2 precursor	1.04	1.15	1.19	1.03	9.06E-01	8.65E-01	6.58E-01	5.52E-01
NP_009006.2	WDR45	WD repeat domain phosphoinositide-interacting protein 4 isoform 1	1.03	1.04	1.08	1.12	7.11E-01	6.23E-01	9.12E-01	8.71E-01
NP_001129101.1	PPP1R21	protein phosphatase 1 regulatory subunit 21 isoform 1	1.17	0.91	1.07	1.13	3.21E-01	2.09E-01	2.31E-01	1.18E-01
NP_115710.2	UTP23	rRNA-processing protein UTP23 homolog	1.02	1.06	1.09	1.05	3.68E-01	2.50E-01	4.29E-01	3.01E-01
XP_011526347.1	MRPL4	39S ribosomal protein L4, mitochondrial isoform X1	1.37	0.90	1.19	1.20	4.84E-01	3.67E-01	4.32E-01	3.04E-01
NP_115700.1	NTPCR	cancer-related nucleoside-triphosphatase isoform 1	1.07	0.97	1.04	1.06	1.35E-01	6.28E-02	2.00E-01	9.65E-02
NP_001164977.1	MCFD2	multiple coagulation factor deficiency protein 2 isoform A precursor	0.79	1.05	0.83	0.92	4.71E-02	1.16E-02	5.79E-02	7.97E-03
NP_004228.1	TRIP13	pachytene checkpoint protein 2 homolog isoform 1	1.77	0.64	1.05	1.12	3.40E-01	2.24E-01	2.49E-01	1.33E-01
NP_006801.1	PDIA5	protein disulfide-isomerase A5 precursor	1.03	0.94	0.97	1.01	6.92E-01	6.00E-01	3.74E-01	2.47E-01
NP_001138749.1	NECAP2	adaptin ear-binding coat-associated protein 2 isoform 2	0.79	1.07	0.83	1.00	2.17E-01	1.23E-01	3.59E-01	2.31E-01
NP_001034761.1	YIF1B	protein YIF1B isoform 5	0.73	1.27	0.88	0.91	4.19E-01	2.98E-01	3.66E-01	2.38E-01
NP_002425.2	MPG	DNA-3-methyladenine glycosylase isoform a	0.96	0.98	0.94	1.07	7.91E-01	7.18E-01	8.74E-01	8.22E-01
NP_060238.3	LRRC40	leucine-rich repeat-containing protein 40	1.07	1.00	1.07	0.98	2.45E-02	3.40E-03	9.12E-02	2.49E-02
XP_011508525.1	RABGAP1L	rab GTPase-activating protein 1-like isoform X1	1.04	0.94	0.97	1.07	8.45E-01	7.84E-01	6.29E-01	5.17E-01
XP_016868249.1	BUD31	protein BUD31 homolog isoform X1	0.97	1.06	1.04	1.09	8.15E-01	7.47E-01	5.01E-01	3.76E-01
XP_016869077.1	PDP1	pyruvate dehydrogenase phosphatase catalytic subunit 1 isoform X1	1.19	0.99	1.19	1.07	3.70E-02	7.41E-03	2.19E-01	1.10E-01
XP_011524725.1	AP2S1	AP-2 complex subunit sigma isoform X1	1.17	0.83	0.97	1.05	6.22E-02	1.91E-02	4.75E-02	4.13E-03
NP_001002296.1	GOLGA7	golgin subfamily A member 7 isoform a	1.10	0.99	1.08	1.06	3.62E-01	2.44E-01	3.42E-01	2.15E-01
NP_000259.1	NF2	merlin isoform 1	1.04	0.93	0.97	1.10	4.07E-01	2.87E-01	2.31E-01	1.18E-01
NP_055109.1	TRAM1	translocating chain-associated membrane protein 1 isoform 1	1.11	1.02	1.14	1.06	1.22E-03	1.07E-05	2.38E-01	1.24E-01
NP_057033.2	GET4	Golgi to ER traffic protein 4 homolog	1.16	0.77	0.87	1.05	7.70E-01	6.92E-01	4.18E-01	2.91E-01
NP_001036100.1	NGDN	neuroguidin isoform 1	1.05	0.97	1.02	0.99	1.65E-01	8.38E-02	1.23E-01	4.27E-02
XP_006714694.1	GPX8	probable glutathione peroxidase 8 isoform X1	0.96	0.79	0.76	1.10	2.78E-01	1.73E-01	1.38E-01	5.26E-02
NP_060692.3	PARVA	alpha-parvin	0.96	0.98	0.94	0.93	4.15E-01	2.95E-01	7.14E-01	6.16E-01
NP_004744.2	DHRS3	short-chain dehydrogenase/reductase 3 isoform 1	1.40	0.86	1.22	0.99	1.68E-01	8.59E-02	1.59E-01	6.70E-02
NP_001257624.1	ARHGAP12	rho GTPase-activating protein 12 isoform 2	1.15	0.92	1.04	1.04	5.17E-01	4.01E-01	5.24E-01	4.01E-01
XP_024309756.1	FRYL	protein furry homolog-like isoform X1	0.96	1.03	0.99	0.98	2.57E-01	1.55E-01	1.70E-01	7.42E-02
NP_004281.1	RNF14	E3 ubiquitin-protein ligase RNF14 isoform 1	1.12	0.96	1.05	1.62	6.96E-01	6.05E-01	6.22E-01	5.09E-01
NP_056651.1	WARS2	tryptophan--tRNA ligase, mitochondrial isoform 1 precursor	1.09	0.90	0.97	1.05	5.75E-01	4.64E-01	3.66E-01	2.38E-01
NP_055452.3	MTFR1	mitochondrial fission regulator 1 isoform 1	1.23	0.82	1.00	1.29	1.85E-01	9.79E-02	2.19E-01	1.09E-01
XP_005266361.1	ZC3H13	zinc finger CCCH domain-containing protein 13 isoform X1	0.94	1.05	0.98	1.12	4.62E-01	3.43E-01	3.24E-01	1.99E-01
NP_005460.2	ACOT8	acyl-coenzyme A thioesterase 8	1.10	0.91	1.01	1.06	1.73E-01	8.95E-02	1.05E-01	3.20E-02
NP_003100.1	SP1	transcription factor Sp1 isoform b	1.01	1.07	1.05	0.95	9.74E-01	9.61E-01	8.57E-01	7.99E-01
XP_016870293.1	SPOUT1	putative methyltransferase C9orf14 isoform X1	1.02	1.06	1.08	1.10	6.50E-01	5.51E-01	4.86E-01	3.59E-01
NP_077297.2	RBM42	RNA-binding protein 42 isoform 1	0.92	1.01	0.94	1.25	2.44E-01	1.43E-01	3.26E-01	2.01E-01
XP_005256724.1	GEMIN4	gem-associated protein 4 isoform X1	1.35	0.77	0.95	1.07	5.50E-01	4.36E-01	4.49E-01	3.20E-01
NP_078954.4	NARS2	probable asparagine--tRNA ligase, mitochondrial isoform 1 precursor	1.03	0.85	0.87	0.99	8.59E-01	8.02E-01	2.79E-01	1.59E-01
NP_001091991.1	HTATIP2	oxidoreductase HTATIP2 isoform b	1.08	1.15	1.24	1.23	5.19E-01	4.05E-01	6.09E-01	4.94E-01
XP_006718715.1	RAD9A	cell cycle checkpoint control protein RAD9A isoform X1	1.00	0.99	0.99	1.08	9.45E-01	9.22E-01	9.19E-01	8.82E-01
NP_055486.2	UBE3C	ubiquitin-protein ligase E3C	0.98	0.90	0.88	1.03	7.84E-01	7.08E-01	3.93E-01	2.64E-01

NP_001229783.1	ARFIP2	arfaptin-2 isoform 1	1.21	0.89	1.07	1.12	2.27E-01	1.30E-01	1.41E-01	5.47E-02
NP_055871.1	RRP1B	ribosomal RNA processing protein 1 homolog B	1.10	1.07	1.17	1.42	3.67E-01	2.49E-01	8.62E-01	8.07E-01
NP_653210.2	CCDC43	coiled-coil domain-containing protein 43 isoform 1	0.90	1.15	1.03	1.02	2.91E-01	1.83E-01	1.37E-01	5.15E-02
NP_057688.3	KDM3B	lysine-specific demethylase 3B	0.82	0.95	0.78	1.07	1.03E-01	4.15E-02	3.13E-01	1.89E-01
XP_005263429.1	LRBA	lipopolysaccharide-responsive and beige-like anchor protein isoform X1	1.01	0.99	1.01	1.07	9.87E-01	9.82E-01	9.42E-01	9.15E-01
NP_006570.1	EBP	3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase	1.17	1.00	1.12	1.26	5.68E-01	4.58E-01	7.15E-01	6.17E-01
NP_055929.1	ANKLE2	ankyrin repeat and LEM domain-containing protein 2	1.06	0.87	0.92	1.08	2.27E-01	1.30E-01	1.22E-01	4.22E-02
NP_001601.1	ACP2	lysosomal acid phosphatase isoform 1 precursor	0.80	1.21	0.97	1.02	1.18E-01	5.15E-02	1.27E-01	4.56E-02
XP_011507962.1	ODR4	protein odr-4 homolog isoform X1	1.00	0.96	0.96	0.97	8.99E-01	8.57E-01	7.55E-01	6.69E-01
NP_054905.2	COMMD9	COMM domain-containing protein 9 isoform 1	1.09	0.99	1.08	1.20	3.61E-02	7.05E-03	7.05E-01	6.05E-01
NP_055209.2	GHITM	growth hormone-inducible transmembrane protein	1.11	1.00	1.11	1.17	7.64E-02	2.64E-02	1.45E-01	5.68E-02
XP_011537724.1	DOCK1	dedicator of cytokinesis protein 1 isoform X1	0.90	1.15	1.03	0.98	3.77E-01	2.59E-01	1.90E-01	8.94E-02
XP_024304514.1	MADD	MAP kinase-activating death domain protein isoform X2	0.85	1.49	1.23	1.21	3.97E-01	2.77E-01	2.84E-01	1.62E-01
XP_016866335.1	CEP85L	centrosomal protein of 85 kDa-like isoform X1	0.99	1.07	1.06	1.04	6.73E-01	5.77E-01	1.51E-01	6.07E-02
XP_011521908.1	CYBC1	cytochrome b-245 chaperone 1 isoform X1	1.29	0.84	1.04	1.08	4.61E-01	3.42E-01	4.13E-01	2.84E-01
XP_024305360.1	MIA2	melanoma inhibitory activity protein 2 isoform X1	1.09	1.03	1.13	1.12	2.65E-01	1.61E-01	7.38E-01	6.48E-01
NP_001077362.1	STRN3	striatin-3 isoform 1	1.23	1.09	1.34	1.53	3.91E-02	8.33E-03	5.65E-01	4.45E-01
NP_005754.2	AASS	alpha-aminoadipic semialdehyde synthase, mitochondrial	1.06	0.94	1.00	1.22	3.89E-02	8.16E-03	2.09E-01	1.02E-01
NP_004413.1	DVL2	segment polarity protein dishevelled homolog DVL-2	1.04	0.91	0.94	1.10	5.95E-01	4.88E-01	2.47E-01	1.31E-01
NP_001008389.1	CISD2	CDGSH iron-sulfur domain-containing protein 2	1.06	1.10	1.17	0.92	5.66E-02	1.64E-02	8.44E-01	7.81E-01
NP_060834.2	RSBN1	lysine-specific demethylase 9	1.12	0.81	0.90	1.04	3.08E-01	1.97E-01	1.73E-01	7.65E-02
XP_006715197.1	MRPS18A	39S ribosomal protein S18a, mitochondrial isoform X1	0.99	1.01	1.00	1.05	4.14E-01	2.93E-01	4.88E-01	3.61E-01
NP_001358366.1	AGPAT1	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha isoform 2	1.23	0.83	1.02	1.13	8.10E-02	2.89E-02	8.79E-02	2.28E-02
NP_078975.2	ZFAND1	AN1-type zinc finger protein 1 isoform a	1.27	0.77	0.93	1.09	4.97E-01	3.79E-01	3.93E-01	2.64E-01
NP_071409.3	LHPP	phospholysine phosphohistidine inorganic pyrophosphate phosphatase isoform 1	0.85	0.79	0.67	0.83	4.04E-01	2.83E-01	7.87E-01	7.09E-01
NP_073570.1	SMAP2	stromal membrane-associated protein 2 isoform 1	0.91	1.13	1.03	0.95	2.36E-01	1.38E-01	1.74E-01	7.71E-02
XP_011543605.1	SYVN1	E3 ubiquitin-protein ligase synoviolin isoform X1	1.04	0.94	0.98	1.06	4.12E-03	1.01E-04	6.60E-02	1.13E-02
NP_005179.2	CBL	E3 ubiquitin-protein ligase CBL	1.10	0.96	1.05	1.18	5.05E-01	3.88E-01	4.25E-01	2.97E-01
XP_024307330.1	CC2D1A	coiled-coil and C2 domain-containing protein 1A isoform X1	1.02	1.11	1.13	1.12	8.70E-01	8.17E-01	4.91E-01	3.65E-01
NP_001139748.2	NCEH1	neutral cholesterol ester hydrolase 1 isoform a	0.94	1.37	1.23	1.28	7.09E-01	6.20E-01	5.01E-01	3.75E-01
NP_001357137.1	FBXL20	F-box/LRR-repeat protein 20 isoform 3	1.13	0.91	1.03	1.05	1.17E-02	7.74E-04	5.00E-02	5.05E-03
NP_005810.1	STX6	syntaxin-6 isoform 1	1.01	0.76	0.77	0.90	9.68E-01	9.53E-01	2.70E-01	1.51E-01
XP_005257833.1	SCRN2	secernin-2 isoform X1	1.03	1.03	1.06	1.10	4.23E-01	3.04E-01	9.12E-01	8.72E-01
NP_957718.1	NRP2	neuropilin-2 isoform 1 precursor	1.05	1.03	1.09	1.01	2.71E-01	1.68E-01	6.39E-01	5.28E-01
NP_001332814.1	DCAF16	DDB1- and CUL4-associated factor 16	1.03	0.87	0.89	1.07	7.49E-01	6.68E-01	5.39E-01	4.17E-01
NP_114401.2	TMEM245	transmembrane protein 245	1.49	0.75	0.99	1.13	5.79E-01	4.69E-01	4.41E-01	3.12E-01
XP_005261628.1	DES11	desumoylating isopeptidase 1 isoform X1	0.88	0.85	0.76	1.11	3.97E-01	2.77E-01	8.95E-01	8.48E-01
XP_024306499.1	GIT1	ARF GTPase-activating protein GIT1 isoform X1	1.15	0.80	0.92	1.23	3.52E-01	2.35E-01	1.36E-01	5.08E-02
XP_024302365.1	WTAP	pre-mRNA-splicing regulator WTAP isoform X2	0.96	0.99	0.95	1.08	7.44E-01	6.61E-01	8.44E-01	7.81E-01
NP_003052.2	SLIT1	slit homolog 1 protein precursor	0.96	1.04	1.00	1.11	5.95E-02	1.79E-02	8.47E-02	2.07E-02
NP_001248353.1	PPP1R1C	protein phosphatase 1 regulatory subunit 1C isoform 1	0.96	0.86	0.82	0.97	3.87E-02	8.04E-03	3.15E-01	1.91E-01
NP_003029.2	SLC1A4	neutral amino acid transporter A isoform 1	1.02	1.06	1.08	1.11	5.10E-01	3.94E-01	6.22E-01	5.10E-01
XP_024307388.1	RCN3	reticulocalbin-3 isoform X1	0.79	1.09	0.86	0.89	1.28E-03	1.20E-05	5.35E-02	6.41E-03
NP_057055.2	MRPS7	28S ribosomal protein S7, mitochondrial	1.01	0.96	0.97	1.10	9.26E-01	8.93E-01	6.48E-01	5.41E-01
NP_660304.1	DNAJC19	mitochondrial import inner membrane translocase subunit TIM14 isoform 1	0.97	1.06	1.02	0.89	8.80E-01	8.32E-01	7.62E-01	6.77E-01
XP_011526467.1	RFX1	MHC class II regulatory factor RFX1 isoform X1	1.17	0.90	1.05	1.09	3.11E-01	1.99E-01	2.19E-01	1.10E-01
NP_112594.1	DOHH	deoxyhypusine hydroxylase	1.09	0.88	0.96	1.64	8.55E-01	7.96E-01	5.91E-01	4.77E-01

NP_036591.3	TIMM8B	mitochondrial import inner membrane translocase subunit Tim8 B	0.82	1.04	0.85	1.00	6.84E-02	2.21E-02	1.96E-01	9.38E-02
XP_024308643.1	INPP1	inositol polyphosphate 1-phosphatase isoform X1	1.22	0.90	1.10	1.03	7.43E-02	2.51E-02	2.66E-01	1.48E-01
NP_001001433.1	STX16	syntaxin-16 isoform a	0.98	1.17	1.15	0.97	6.57E-03	2.48E-04	3.86E-01	2.57E-01
NP_001836.3	COL4A1	collagen alpha-1(IV) chain isoform 1	0.89	0.99	0.85	0.92	6.92E-01	5.99E-01	8.02E-01	7.27E-01
XP_024303525.1	TACC2	transforming acidic coiled-coil-containing protein 2 isoform X1	0.80	0.92	0.74	0.85	2.20E-01	1.25E-01	4.27E-01	2.99E-01
NP_004996.1	NDUFB9	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 isoform 1	0.98	0.97	0.95	0.99	7.08E-01	6.18E-01	9.19E-01	8.81E-01
XP_024308903.1	C2orf49	ashwin isoform X1	0.79	1.13	0.89	0.89	8.40E-03	3.91E-04	2.72E-02	1.95E-04
XP_005258776.1	LSM14A	protein LSM14 homolog A isoform X1	0.95	0.92	0.88	1.03	3.37E-01	2.21E-01	6.34E-01	5.23E-01
NP_569711.2	COL18A1	collagen alpha-1(XVIII) chain isoform 3	0.70	0.93	0.60	0.68	4.45E-01	3.24E-01	6.71E-01	5.66E-01
NP_998725.1	PKN1	serine/threonine-protein kinase N1 isoform 1	1.11	0.98	1.07	1.07	6.59E-01	5.61E-01	6.62E-01	5.57E-01
NP_073582.3	ATPAF1	ATP synthase mitochondrial F1 complex assembly factor 1 isoform 1 precursor	1.10	0.62	0.65	1.03	6.81E-01	5.87E-01	4.14E-01	2.86E-01
NP_001284487.1	RPA2	replication protein A 32 kDa subunit isoform 3	1.05	1.01	1.06	0.99	1.00E-01	4.01E-02	1.74E-01	7.69E-02
NP_060024.2	PARP14	protein mono-ADP-ribosyltransferase PARP14	1.16	0.82	0.92	1.13	7.62E-01	6.82E-01	5.08E-01	3.82E-01
XP_011544166.1	LCMT1	leucine carboxyl methyltransferase 1 isoform X1	1.03	1.05	1.08	1.07	5.95E-02	1.79E-02	4.70E-01	3.43E-01
NP_115515.2	ANKRD27	ankyrin repeat domain-containing protein 27	1.15	1.01	1.17	1.29	1.04E-01	4.21E-02	6.97E-01	5.95E-01
XP_024308581.1	IAH1	isoamyl acetate-hydrolyzing esterase 1 homolog isoform X1	1.05	1.00	1.05	0.97	1.07E-02	6.60E-04	5.17E-01	3.93E-01
NP_003250.3	ICAM5	intercellular adhesion molecule 5 precursor	0.81	1.26	1.00	0.99	1.47E-01	7.09E-02	4.06E-01	2.76E-01
NP_064711.1	PDXP	pyridoxal phosphate phosphatase	0.88	1.05	0.92	0.98	6.20E-02	1.89E-02	1.17E-01	3.93E-02
NP_006414.2	RABAC1	prenylated Rab acceptor protein 1	0.99	1.00	0.99	1.10	8.75E-01	8.24E-01	8.74E-01	8.22E-01
NP_001713.2	POLR3D	DNA-directed RNA polymerase III subunit RPC4	1.11	0.93	1.03	1.11	2.68E-01	1.64E-01	1.73E-01	7.67E-02
XP_005265912.1	FBXW11	F-box/WD repeat-containing protein 11 isoform X1	1.29	0.80	0.96	1.39	6.96E-01	6.05E-01	5.11E-01	3.87E-01
NP_057300.2	DBR1	lariat debranching enzyme	1.10	0.87	0.96	1.07	1.53E-01	7.49E-02	8.57E-02	2.15E-02
NP_001333154.1	WDR48	WD repeat-containing protein 48 isoform 4	0.89	0.96	0.82	1.01	7.16E-01	6.29E-01	8.49E-01	7.87E-01
NP_001030177.1	C18orf32	UPF0729 protein C18orf32	1.09	1.14	1.24	1.20	4.05E-02	8.82E-03	8.42E-01	7.78E-01
NP_001108225.1	ENG	endoglin isoform 1 precursor	1.25	0.65	0.75	1.07	6.51E-01	5.52E-01	3.65E-01	2.37E-01
XP_005255239.1	SMG1	serine/threonine-protein kinase SMG1 isoform X1	1.15	1.07	1.23	1.11	6.87E-02	2.22E-02	6.40E-01	5.29E-01
NP_001127867.1	C7orf50	uncharacterized protein C7orf50 isoform a	0.90	0.98	0.88	1.03	1.23E-02	8.63E-04	5.60E-01	4.39E-01
NP_001837.2	COL4A2	collagen alpha-2(IV) chain	0.87	0.96	0.83	0.93	2.87E-02	4.58E-03	1.59E-01	6.67E-02
NP_005006.4	OXA1L	mitochondrial inner membrane protein OXA1L	1.25	0.94	1.16	1.18	2.04E-01	1.13E-01	1.92E-01	9.12E-02
NP_003322.3	TYK2	non-receptor tyrosine-protein kinase TYK2	0.99	1.05	1.04	1.11	8.73E-01	8.22E-01	6.29E-01	5.18E-01
NP_060418.4	NOL8	nucleolar protein 8 isoform a	1.07	1.04	1.08	1.19	9.01E-01	8.60E-01	9.67E-01	9.53E-01
XP_016878950.1	CMC2	COX assembly mitochondrial protein 2 homolog isoform X1	1.03	0.94	0.97	1.00	6.55E-01	5.56E-01	3.85E-01	2.56E-01
XP_024306633.1	UBE2O	(E3-independent) E2 ubiquitin-conjugating enzyme isoform X1	1.14	0.88	1.00	1.04	3.66E-01	2.48E-01	3.01E-01	1.79E-01
NP_006043.1	VPS26C	vacuolar protein sorting-associated protein 26C isoform 1	1.07	0.91	0.97	1.16	8.39E-03	3.88E-04	1.32E-01	4.83E-02
NP_055060.1	RNF7	RING-box protein 2 isoform 1	1.00	0.99	1.02	0.84	9.45E-01	9.22E-01	9.92E-01	9.87E-01
NP_057280.2	RBM19	probable RNA-binding protein 19	0.93	1.07	1.00	1.02	4.69E-01	3.52E-01	3.10E-01	1.86E-01
XP_011513024.1	PPP1R10	serine/threonine-protein phosphatase 1 regulatory subunit 10 isoform X1	0.80	0.92	0.74	0.92	2.38E-01	1.39E-01	4.41E-01	3.12E-01
NP_001138904.1	SMIM20	small integral membrane protein 20	0.91	1.08	0.99	0.96	4.64E-01	3.46E-01	3.21E-01	1.96E-01
NP_001190991.1	COMMD3-BMI1	COMMD3-BMI1 read-through protein	1.07	0.81	0.87	1.07	3.98E-01	2.78E-01	1.48E-01	5.94E-02
XP_005257220.1	CASC3	protein CASC3 isoform X1	0.86	1.05	0.90	0.98	7.52E-02	2.56E-02	1.38E-01	5.21E-02
NP_001305844.1	LSAMP	limbic system-associated membrane protein isoform 2 precursor	1.18	0.98	1.15	1.17	9.78E-02	3.81E-02	1.14E-01	3.65E-02
NP_001138505.1	C11orf96	uncharacterized protein C11orf96	1.06	1.23	1.31	1.33	1.63E-01	8.23E-02	1.32E-01	4.82E-02
NP_112487.1	SLIRP	SRA stem-loop-interacting RNA-binding protein, mitochondrial isoform 1 precursor	0.86	1.06	0.91	0.94	5.04E-02	1.32E-02	1.15E-01	3.81E-02
NP_001354670.1	RABGEF1	rab5 GDP/GTP exchange factor isoform e	1.02	1.09	1.10	1.45	9.04E-01	8.62E-01	8.28E-01	7.59E-01
NP_005220.2	ELK1	ETS domain-containing protein Elk-1 isoform a	1.40	0.84	1.14	1.24	6.69E-01	5.72E-01	5.12E-01	3.88E-01
NP_775889.1	INO80E	INO80 complex subunit E isoform 1	1.22	0.77	0.94	1.17	1.97E-01	1.08E-01	9.04E-02	2.42E-02

NP_001306587.1	DUSP23	dual specificity protein phosphatase 23	0.95	0.97	0.92	1.03	4.49E-01	3.29E-01	7.23E-01	6.26E-01
NP_001258965.1	LRRC14	leucine-rich repeat-containing protein 14	1.51	0.64	0.97	0.96	5.53E-02	1.58E-02	4.55E-02	3.74E-03
XP_024307267.1	NDUFS7	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial isoform X3	0.98	1.06	1.04	1.07	5.00E-01	3.82E-01	1.37E-01	5.17E-02
NP_001139256.1	BORCS8	BLOC-1-related complex subunit 8 isoform 1	1.26	0.81	0.99	1.22	4.76E-01	3.59E-01	3.22E-01	1.97E-01
NP_996670.1	MORF4L1	mortality factor 4-like protein 1 isoform 2	0.79	1.01	0.79	1.05	9.65E-03	4.97E-04	3.53E-02	1.59E-03
NP_060832.1	LIN7C	protein lin-7 homolog C	0.93	1.02	0.94	1.05	7.08E-02	2.33E-02	1.08E-01	3.34E-02
NP_775746.1	DCUN1D3	DCN1-like protein 3	1.62	0.61	0.98	1.28	1.46E-02	1.29E-03	7.09E-02	1.37E-02
NP_004652.2	CDC23	cell division cycle protein 23 homolog	0.92	0.98	0.89	1.05	1.61E-01	8.12E-02	3.82E-01	2.53E-01
NP_115675.1	DCUN1D5	DCN1-like protein 5 isoform a	1.25	0.87	1.08	1.14	1.82E-01	9.57E-02	2.52E-01	1.36E-01
NP_001307707.1	SCAMP2	secretory carrier-associated membrane protein 2 isoform 1	1.14	0.93	1.06	1.17	6.25E-02	1.92E-02	5.88E-02	8.54E-03
NP_573571.1	WIPF2	WAS/WASL-interacting protein family member 2	1.05	1.03	1.07	1.04	4.23E-01	3.04E-01	8.93E-01	8.45E-01
NP_702907.1	CPNE4	copine-4 isoform 1	0.91	0.78	0.71	1.09	7.01E-01	6.11E-01	6.92E-01	5.91E-01
NP_112577.1	SF3B5	splicing factor 3B subunit 5	0.88	0.96	0.85	0.97	5.53E-01	4.40E-01	7.09E-01	6.09E-01
XP_005264105.1	MAP4K4	mitogen-activated protein kinase kinase kinase 4 isoform X1	1.02	0.97	0.99	1.03	5.80E-01	4.70E-01	5.41E-01	4.20E-01
XP_011514891.1	TRIM56	E3 ubiquitin-protein ligase TRIM56 isoform X1	1.00	0.89	0.90	1.01	9.68E-01	9.53E-01	4.66E-01	3.39E-01
NP_001128647.1	NEDD1	protein NEDD1 isoform a	1.07	0.92	0.98	1.18	9.47E-01	9.25E-01	7.99E-01	7.24E-01
XP_016877188.1	SETD3	actin-histidine N-methyltransferase isoform X1	0.77	0.95	0.74	1.10	4.78E-02	1.18E-02	1.32E-01	4.88E-02
NP_004796.1	POLR2D	DNA-directed RNA polymerase II subunit RPB4	0.82	1.15	0.94	0.96	4.22E-01	3.02E-01	2.69E-01	1.50E-01
NP_001183955.1	PLEKHA8	pleckstrin homology domain-containing family A member 8 isoform 1	1.11	0.89	0.98	1.24	4.92E-01	3.74E-01	2.85E-01	1.64E-01
NP_057333.1	MAGEC2	melanoma-associated antigen C2	0.84	0.94	0.79	1.12	2.48E-01	1.47E-01	4.16E-01	2.88E-01
XP_006711722.1	ARHGEF11	rho guanine nucleotide exchange factor 11 isoform X1	0.88	1.10	0.97	1.20	2.17E-01	1.22E-01	1.51E-01	6.10E-02
XP_016863143.1	SLC30A9	zinc transporter 9 isoform X1	1.18	0.96	1.13	1.10	4.23E-02	9.50E-03	1.09E-01	3.41E-02
NP_057121.2	UTP11	probable U3 small nucleolar RNA-associated protein 11	1.08	0.95	1.03	1.14	1.62E-01	8.19E-02	1.20E-01	4.10E-02
XP_011526491.1	MRPL34	39S ribosomal protein L34, mitochondrial isoform X1	0.88	1.01	0.89	1.10	3.68E-01	2.50E-01	3.69E-01	2.41E-01
NP_001007560.1	SS18	protein SSXT isoform 1	0.99	0.98	0.97	1.10	9.26E-01	8.91E-01	9.92E-01	9.87E-01
NP_005019.2	PIP4K2A	phosphatidylinositol 5-phosphate 4-kinase type-2 alpha isoform 1	1.27	0.86	1.08	1.20	4.78E-02	1.19E-02	1.27E-01	4.49E-02
NP_036528.1	PHLDA3	pleckstrin homology-like domain family A member 3	1.02	0.71	0.72	0.90	3.66E-01	2.48E-01	4.32E-02	2.77E-03
NP_001358254.1	PTGR2	prostaglandin reductase 2 isoform 1	1.44	0.96	1.39	1.76	7.24E-02	2.40E-02	1.94E-01	9.23E-02
NP_060937.2	USE1	vesicle transport protein USE1	0.93	0.92	0.85	1.08	2.80E-01	1.74E-01	9.35E-01	9.06E-01
NP_001310253.1	MAPK8	mitogen-activated protein kinase 8 isoform alpha 1	1.04	0.89	0.93	1.09	4.63E-01	3.45E-01	1.38E-01	5.28E-02
NP_003354.2	USP4	ubiquitin carboxyl-terminal hydrolase 4 isoform a	1.26	1.02	1.30	1.11	3.67E-01	2.49E-01	4.41E-01	3.12E-01
NP_002480.1	NDUFA4	cytochrome c oxidase subunit NDUFA4	0.75	1.16	0.87	0.91	1.64E-02	1.61E-03	5.34E-02	6.26E-03
NP_789788.1	GATC	glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial	1.24	0.80	0.97	1.20	5.25E-01	4.11E-01	3.54E-01	2.26E-01
XP_011522151.1	LLGL1	lethal(2) giant larvae protein homolog 1 isoform X1	1.08	0.93	1.00	1.15	6.31E-01	5.27E-01	4.11E-01	2.81E-01
NP_001180289.1	EXD2	exonuclease 3'-5' domain-containing protein 2 isoform 1	1.05	1.14	1.19	1.50	1.68E-01	8.55E-02	7.69E-01	6.85E-01
NP_001839.2	COL6A1	collagen alpha-1(VI) chain precursor	1.01	1.06	1.07	0.99	8.81E-01	8.33E-01	6.41E-01	5.30E-01
XP_006715809.1	ANLN	anillin isoform X1	1.41	0.81	1.13	1.02	2.12E-02	2.65E-03	3.53E-02	1.32E-03
NP_078873.2	MAP7D3	MAP7 domain-containing protein 3 isoform 1	0.95	0.97	0.89	1.12	7.89E-01	7.14E-01	9.58E-01	9.39E-01
NP_004371.2	CREBBP	CREB-binding protein isoform a	0.63	0.77	0.47	0.70	3.13E-01	2.02E-01	6.35E-01	5.23E-01
NP_776195.2	YIPF6	protein YIPF6 isoform A	1.09	1.00	1.09	1.08	4.78E-02	1.18E-02	2.96E-01	1.74E-01
NP_057205.2	KCTD3	BTB/POZ domain-containing protein KCTD3 isoform 1	1.08	0.87	0.93	1.46	8.28E-01	7.61E-01	5.16E-01	3.92E-01
NP_004696.2	THAP12	52 kDa repressor of the inhibitor of the protein kinase	0.92	1.06	0.97	1.06	5.92E-01	4.83E-01	4.43E-01	3.14E-01
NP_064520.2	WRNIP1	ATPase WRNIP1 isoform 1	0.97	1.12	1.09	1.04	5.61E-01	4.50E-01	2.02E-01	9.78E-02
XP_006717116.1	OSTF1	osteoclast-stimulating factor 1 isoform X1	1.00	0.94	0.94	1.17	9.66E-01	9.50E-01	4.33E-01	3.04E-01
NP_037453.1	SNX8	sorting nexin-8	1.14	0.92	1.04	1.47	1.85E-01	9.83E-02	1.50E-01	6.05E-02
NP_068598.1	FASTKD5	FAST kinase domain-containing protein 5, mitochondrial	1.12	0.98	1.09	1.06	2.89E-01	1.82E-01	2.74E-01	1.55E-01
NP_004330.1	PTTG1IP	pituitary tumor-transforming gene 1 protein-interacting protein isoform 1 precursor	1.09	1.04	1.13	1.11	2.21E-01	1.26E-01	8.24E-01	7.53E-01

NP_006417.2	DPYSL4	dihydropyrimidinase-related protein 4	1.03	0.85	0.87	0.90	4.45E-01	3.25E-01	7.29E-02	1.50E-02
NP_060176.2	WDR55	WD repeat-containing protein 55	0.97	0.96	0.93	1.18	4.37E-01	3.18E-01	8.27E-01	7.56E-01
NP_001268364.1	MAP2K4	dual specificity mitogen-activated protein kinase kinase 4 isoform 2	0.89	0.97	0.87	0.78	4.00E-01	2.80E-01	6.47E-01	5.37E-01
XP_011520156.1	RAB27A	ras-related protein Rab-27A isoform X1	1.03	0.89	0.92	1.05	6.26E-02	1.93E-02	3.71E-02	2.03E-03
XP_011537005.1	STAT6	signal transducer and activator of transcription 6 isoform X1	1.01	1.17	1.19	1.01	9.43E-01	9.19E-01	6.65E-01	5.59E-01
NP_006433.2	DRAP1	dr1-associated corepressor	0.96	0.95	0.92	0.98	1.95E-02	2.26E-03	7.53E-01	6.65E-01
XP_011538066.1	FAS	tumor necrosis factor receptor superfamily member 6 isoform X1	1.24	0.80	1.00	1.16	4.34E-01	3.13E-01	2.22E-01	1.12E-01
NP_061746.1	PCDHGB2	protocadherin gamma-B2 isoform 1 precursor	0.77	1.02	0.78	1.09	2.45E-01	1.44E-01	2.48E-01	1.32E-01
NP_001273399.1	DGLUCY	D-glutamate cyclase, mitochondrial isoform b precursor	1.05	0.82	0.86	1.03	3.58E-01	2.41E-01	1.99E-01	9.55E-02
NP_001164189.1	BCAR1	breast cancer anti-estrogen resistance protein 1 isoform 5	0.92	0.97	0.89	1.16	3.68E-01	2.51E-01	6.48E-01	5.42E-01
NP_006582.1	POLD3	DNA polymerase delta subunit 3 isoform 1	0.87	0.94	0.81	0.97	5.14E-02	1.39E-02	1.45E-01	5.73E-02
NP_078976.2	SNIP1	smad nuclear-interacting protein 1	0.90	0.85	0.77	0.73	4.12E-01	2.91E-01	7.46E-01	6.58E-01
NP_076423.2	FUNDC2	FUN14 domain-containing protein 2	0.85	1.02	0.86	0.94	4.17E-01	2.97E-01	4.55E-01	3.27E-01
NP_006708.2	SPIN1	spindlin-1	0.98	0.95	0.92	1.25	7.01E-01	6.11E-01	7.96E-01	7.21E-01
NP_284941.2	MFN1	mitofusin-1	0.97	0.95	0.92	1.10	7.45E-01	6.63E-01	9.17E-01	8.79E-01
NP_037418.3	RBM15B	putative RNA-binding protein 15B	0.95	1.05	1.00	1.12	5.09E-01	3.92E-01	3.42E-01	2.14E-01
NP_001273035.1	ATG5	autophagy protein 5 isoform a	1.21	1.09	1.28	1.27	3.22E-01	2.10E-01	7.53E-01	6.67E-01
XP_005248599.1	PIK3R1	phosphatidylinositol 3-kinase regulatory subunit alpha isoform X1	1.07	0.95	1.01	1.17	4.69E-01	3.51E-01	4.58E-01	3.29E-01
NP_004522.1	MOC52	molybdopterin synthase catalytic subunit large subunit MOC52B	1.09	0.86	0.94	0.94	2.99E-01	1.89E-01	1.16E-01	3.85E-02
NP_057724.2	MRPS30	39S ribosomal protein S30, mitochondrial	1.15	0.91	1.01	1.60	7.67E-01	6.87E-01	6.30E-01	5.18E-01
NP_001034229.1	C20orf27	UPF0687 protein C20orf27 isoform 1	1.15	0.92	1.06	1.07	3.82E-02	7.82E-03	1.08E-01	3.36E-02
NP_036524.1	PEF1	peflin isoform 1	1.06	0.91	0.96	0.99	9.14E-02	3.46E-02	1.48E-01	5.89E-02
NP_064584.1	C5orf15	keratinocyte-associated transmembrane protein 2 precursor	1.04	0.99	1.03	1.15	3.84E-01	2.66E-01	5.44E-01	4.22E-01
XP_016873413.1	PIK3C2A	phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit alpha isoform X1	0.76	1.13	0.87	1.06	2.99E-01	1.89E-01	2.91E-01	1.70E-01
XP_005255095.1	CDIPT	CDP-diacylglycerol--inositol 3-phosphatidyltransferase isoform X1	1.13	0.88	1.00	0.99	1.92E-02	2.21E-03	4.39E-02	3.02E-03
NP_001157289.1	DHCR7	7-dehydrocholesterol reductase	0.95	1.12	1.06	1.21	6.31E-01	5.27E-01	4.11E-01	2.82E-01
NP_004821.2	MED23	mediator of RNA polymerase II transcription subunit 23 isoform a	0.81	1.18	0.94	0.99	3.40E-01	2.25E-01	2.65E-01	1.47E-01
NP_001005743.1	NUMB	protein numb homolog isoform 1	1.10	0.97	1.07	1.11	5.39E-01	4.25E-01	4.49E-01	3.20E-01
NP_060017.1	FOXRED1	FAD-dependent oxidoreductase domain-containing protein 1	1.15	0.86	0.99	1.23	8.67E-02	3.21E-02	9.42E-02	2.65E-02
NP_079436.4	WDR26	WD repeat-containing protein 26 isoform a	1.28	0.88	1.12	1.15	4.60E-02	1.12E-02	5.40E-02	6.77E-03
XP_011527964.1	AGPAT3	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma isoform X4	1.18	0.92	1.09	1.36	5.33E-02	1.48E-02	2.99E-01	1.77E-01
NP_001337865.1	ZCCHC8	zinc finger CCHC domain-containing protein 8 isoform 3	1.09	0.95	1.02	1.20	7.70E-01	6.92E-01	6.90E-01	5.88E-01
XP_005270314.1	ITPRIP	inositol 1,4,5-trisphosphate receptor-interacting protein isoform X1	1.05	0.98	1.04	1.07	5.64E-01	4.53E-01	5.08E-01	3.83E-01
XP_011522496.1	BAIAP2	brain-specific angiogenesis inhibitor 1-associated protein 2 isoform X1	0.82	1.37	1.15	1.03	2.18E-01	1.23E-01	2.71E-01	1.52E-01
XP_016865012.1	PAIP2	polyadenylate-binding protein-interacting protein 2 isoform X1	0.64	1.06	0.68	0.86	1.55E-01	7.61E-02	1.76E-01	8.00E-02
NP_001350700.1	GGA1	ADP-ribosylation factor-binding protein GGA1 isoform 6	0.98	1.15	1.13	0.98	8.81E-01	8.34E-01	3.42E-01	2.15E-01
NP_056046.1	NUP160	nuclear pore complex protein Nup160 isoform 1	1.09	0.97	1.06	1.08	5.02E-01	3.84E-01	4.17E-01	2.89E-01
NP_001035830.1	PGP	glycerol-3-phosphate phosphatase	1.07	0.93	0.99	1.12	3.83E-01	2.64E-01	2.97E-01	1.75E-01
NP_006611.1	HBS1L	HBS1-like protein isoform 1	0.97	1.05	1.02	1.17	7.59E-01	6.79E-01	5.19E-01	3.95E-01
NP_057297.2	TRIP4	activating signal cointegrator 1 isoform 1	1.27	0.91	1.13	1.53	4.51E-01	3.32E-01	3.55E-01	2.27E-01
NP_055134.2	LEMD3	inner nuclear membrane protein Man1 isoform 1	0.86	1.01	0.86	0.99	1.09E-01	4.53E-02	3.65E-01	2.36E-01
NP_066961.2	TRAF2	TNF receptor-associated factor 2	0.90	1.21	1.08	1.19	3.63E-01	2.45E-01	3.51E-01	2.24E-01
NP_057146.1	CIAO2B	cytosolic iron-sulfur assembly component 2B	0.93	1.01	0.94	1.14	2.29E-01	1.32E-01	4.00E-01	2.70E-01
NP_060379.2	RMND1	required for meiotic nuclear division protein 1 homolog isoform 1	1.03	1.02	1.05	1.15	5.93E-01	4.85E-01	9.64E-01	9.48E-01
NP_757386.2	SUGP1	SURP and G-patch domain-containing protein 1	1.26	1.13	1.43	1.41	3.68E-01	2.50E-01	6.65E-01	5.60E-01
XP_011524916.1	AKT2	RAC-beta serine/threonine-protein kinase isoform X1	1.20	0.89	1.06	1.24	1.08E-01	4.50E-02	8.38E-02	2.01E-02
NP_002659.1	PLP2	proteolipid protein 2	1.01	0.93	0.94	1.07	8.33E-01	7.69E-01	2.62E-01	1.44E-01

NP_061330.2	BAIAP2L1	brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1	1.02	1.00	1.02	0.99	7.87E-01	7.12E-01	8.15E-01	7.43E-01
NP_001139574.1	PARP9	protein mono-ADP-ribosyltransferase PARP9 isoform a	0.77	1.13	0.87	0.97	3.93E-01	2.73E-01	2.85E-01	1.64E-01
NP_699198.2	ZCCHC24	zinc finger CCHC domain-containing protein 24	0.95	0.99	0.95	1.09	6.35E-01	5.32E-01	8.03E-01	7.30E-01
NP_473368.1	ANKH	progressive ankylosis protein homolog	0.82	0.78	0.64	0.79	1.86E-01	9.92E-02	7.66E-01	6.82E-01
NP_055580.1	TOMM20	mitochondrial import receptor subunit TOM20 homolog	1.19	0.82	0.97	1.18	3.60E-01	2.43E-01	2.15E-01	1.06E-01
XP_024309639.1	MFSM10	major facilitator superfamily domain-containing protein 10 isoform X1	1.14	1.08	1.23	1.08	1.85E-01	9.79E-02	5.76E-01	4.60E-01
XP_005250783.1	POM121	nuclear envelope pore membrane protein POM 121 isoform X1	1.02	1.02	1.05	1.06	1.40E-02	1.13E-03	9.19E-01	8.84E-01
NP_006690.1	MAN1A2	mannosyl-oligosaccharide 1,2-alpha-mannosidase IB	1.16	0.78	0.91	1.13	1.83E-02	1.99E-03	2.47E-01	1.31E-01
XP_006714224.1	TRIM2	tripartite motif-containing protein 2 isoform X4	1.27	0.84	0.99	1.30	7.36E-01	6.51E-01	5.76E-01	4.59E-01
XP_011521388.1	MVD	diphosphomevalonate decarboxylase isoform X1	1.53	0.75	1.08	1.31	4.61E-01	3.42E-01	3.24E-01	1.99E-01
NP_078820.2	MUL1	mitochondrial ubiquitin ligase activator of NFKB 1	1.14	0.91	1.03	1.23	1.07E-01	4.41E-02	4.65E-01	3.36E-01
NP_001186384.1	BRD2	bromodomain-containing protein 2 isoform 2	0.92	0.99	0.91	1.05	2.54E-01	1.52E-01	6.60E-01	5.54E-01
NP_057256.2	UBAC1	ubiquitin-associated domain-containing protein 1	1.02	0.90	0.92	1.14	7.85E-01	7.10E-01	3.21E-01	1.96E-01
NP_060294.1	MARCHF5	E3 ubiquitin-protein ligase MARCH5	0.96	0.88	0.83	1.37	8.39E-01	7.76E-01	8.58E-01	8.01E-01
NP_004882.1	MRPL33	39S ribosomal protein L33, mitochondrial isoform a	1.06	1.01	1.07	1.07	6.69E-01	5.72E-01	7.87E-01	7.08E-01
NP_954981.1	CCDC137	coiled-coil domain-containing protein 137	0.82	1.10	0.86	0.88	5.82E-01	4.73E-01	5.35E-01	4.12E-01
NP_777576.1	UBR1	E3 ubiquitin-protein ligase UBR1	1.12	1.09	1.18	1.10	7.32E-01	6.46E-01	9.43E-01	9.17E-01
NP_005769.1	RBM5	RNA-binding protein 5	0.86	0.97	0.83	1.10	1.58E-01	7.87E-02	3.15E-01	1.91E-01
NP_005079.2	AKAP17A	A-kinase anchor protein 17A isoform 1	1.25	1.08	1.35	1.14	1.18E-01	5.10E-02	2.15E-01	1.07E-01
NP_001358373.1	BCS1L	mitochondrial chaperone BCS1 isoform a	1.03	0.91	0.94	1.15	6.17E-01	5.13E-01	1.78E-01	8.08E-02
NP_001020118.1	YIPF5	protein YIPF5 isoform a	1.07	0.86	0.92	1.05	4.65E-01	3.47E-01	1.59E-01	6.67E-02
NP_001353602.1	DPY19L1	probable C-mannosyltransferase DPY19L1 isoform 1	0.91	1.06	0.98	0.71	2.73E-01	1.69E-01	6.91E-01	5.89E-01
NP_066983.1	ABHD16A	phosphatidylserine lipase ABHD16A isoform a	1.08	0.98	1.06	1.10	8.53E-02	3.14E-02	1.81E-01	8.28E-02
NP_006005.2	LAGE3	EKC/KEOPS complex subunit LAGE3	0.93	0.73	0.68	0.86	6.36E-01	5.35E-01	3.07E-01	1.83E-01
XP_005254344.1	TMEM87A	transmembrane protein 87A isoform X1	1.01	1.00	1.01	1.12	5.55E-01	4.43E-01	4.59E-01	3.31E-01
XP_016874213.1	SNRNP35	U11/U12 small nuclear ribonucleoprotein 35 kDa protein isoform X1	1.50	1.37	1.74	1.43	5.79E-01	4.69E-01	9.05E-01	8.62E-01
XP_024309015.1	CIAO1	probable cytosolic iron-sulfur protein assembly protein CIAO1 isoform X1	1.05	0.92	0.96	1.02	5.14E-01	3.98E-01	3.50E-01	2.23E-01
XP_016878982.1	TBC1D24	TBC1 domain family member 24 isoform X1	0.99	0.99	0.98	0.93	9.19E-01	8.82E-01	9.74E-01	9.60E-01
NP_001172112.1	VAMP7	vesicle-associated membrane protein 7 isoform 3	1.39	0.91	1.15	0.93	6.03E-01	4.97E-01	5.64E-01	4.44E-01
XP_011541872.1	SIL1	nucleotide exchange factor SIL1 isoform X1	1.15	1.03	1.18	1.30	6.61E-02	2.10E-02	6.48E-01	5.41E-01
NP_057542.2	HGH1	protein HGH1 homolog	0.90	1.03	0.92	1.14	2.70E-01	1.67E-01	2.31E-01	1.19E-01
XP_011510676.1	RNF13	E3 ubiquitin-protein ligase RNF13 isoform X1	0.81	1.13	0.91	1.09	1.86E-01	9.93E-02	2.19E-01	1.10E-01
NP_005783.2	MPHOSPH6	M-phase phosphoprotein 6	0.97	0.90	0.86	0.95	8.00E-01	7.30E-01	7.32E-01	6.40E-01
XP_016877786.1	SPG21	maspardin isoform X1	1.08	0.87	0.93	1.03	6.09E-01	5.03E-01	3.80E-01	2.51E-01
NP_612452.1	HAUS1	HAUS augmin-like complex subunit 1	0.99	0.89	0.86	1.15	9.26E-01	8.92E-01	7.37E-01	6.46E-01
NP_113622.1	TMUB1	transmembrane and ubiquitin-like domain-containing protein 1	0.98	1.04	1.02	1.02	4.68E-01	3.50E-01	3.71E-01	2.42E-01
NP_001127956.1	TOMM5	mitochondrial import receptor subunit TOM5 homolog isoform 3	1.02	1.02	1.03	0.97	6.15E-01	5.09E-01	9.57E-01	9.38E-01
NP_001311266.1	SHOC2	leucine-rich repeat protein SHOC-2 isoform 1	1.09	0.84	0.90	0.75	6.56E-01	5.58E-01	3.89E-01	2.60E-01
NP_001156729.1	PLXNB3	plexin-B3 isoform 2	0.99	0.97	0.96	1.10	5.48E-01	4.34E-01	8.97E-01	8.51E-01
XP_016875199.1	DDX55	ATP-dependent RNA helicase DDX55 isoform X1	1.05	0.91	0.96	1.09	4.60E-01	3.41E-01	2.79E-01	1.59E-01
NP_004727.2	XPR1	xenotropic and polytropic retrovirus receptor 1 isoform 1	1.21	1.30	1.72	1.17	9.06E-01	8.65E-01	8.60E-01	8.04E-01
NP_05746.3	PPP6R1	serine/threonine-protein phosphatase 6 regulatory subunit 1	1.35	0.84	1.14	1.15	1.71E-02	1.81E-03	5.79E-02	8.00E-03
NP_001258851.1	SEC11A	signal peptidase complex catalytic subunit SEC11A isoform 3	1.03	1.05	1.09	1.09	5.12E-01	3.96E-01	7.14E-01	6.16E-01
NP_116189.1	C1orf198	uncharacterized protein C1orf198 isoform 1	1.03	1.00	1.04	1.00	8.83E-01	8.37E-01	8.78E-01	8.27E-01
NP_060380.3	TRMT61B	tRNA (adenine(58)-N(1))-methyltransferase, mitochondrial precursor	1.01	1.00	1.01	0.99	7.36E-01	6.51E-01	8.81E-01	8.31E-01
XP_016875816.1	N4BP2L2	NEDD4-binding protein 2-like 2 isoform X1	0.95	0.89	0.85	1.10	1.52E-01	7.43E-02	1.72E-01	7.60E-02
NP_000572.2	GPX1	glutathione peroxidase 1 isoform 1	1.10	0.82	0.90	1.19	4.41E-02	1.03E-02	2.31E-01	1.18E-01

NP_006330.2	HMG20B	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related	0.79	1.05	0.83	1.14	1.26E-01	5.66E-02	1.20E-01	4.07E-02
NP_079140.2	MRM1	rRNA methyltransferase 1, mitochondrial precursor	1.06	0.99	1.06	1.05	7.11E-01	6.22E-01	7.46E-01	6.57E-01
NP_689565.2	FAM210A	protein FAM210A	1.01	1.00	1.01	1.02	7.78E-01	7.01E-01	7.96E-01	7.21E-01
NP_055578.2	MRPL19	39S ribosomal protein L19, mitochondrial	0.97	0.99	0.95	1.02	5.02E-01	3.84E-01	8.10E-01	7.36E-01
NP_002486.1	NDUFS4	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial isoform 1 precursor	0.82	1.18	0.96	0.96	6.22E-02	1.91E-02	1.01E-01	2.96E-02
NP_001164188.1	BCAR1	breast cancer anti-estrogen resistance protein 1 isoform 4	0.94	1.02	0.97	1.11	1.84E-01	9.75E-02	1.92E-01	9.09E-02
NP_004901.2	PITPNM1	membrane-associated phosphatidylinositol transfer protein 1 isoform a	1.04	0.95	0.99	1.09	2.60E-02	3.78E-03	4.33E-02	2.89E-03
NP_001511.2	GTF3C1	general transcription factor 3C polypeptide 1 isoform 1	0.96	1.07	1.02	1.11	4.69E-01	3.52E-01	6.80E-01	5.77E-01
XP_005260446.1	SS18L1	calcium-responsive transactivator isoform X1	1.18	0.99	1.15	1.20	5.54E-01	4.42E-01	5.41E-01	4.18E-01
NP_258411.2	TRIM47	E3 ubiquitin-protein ligase TRIM47	1.21	0.86	1.04	1.09	1.12E-01	4.75E-02	1.12E-01	3.54E-02
NP_001023.1	RPS29	40S ribosomal protein S29 isoform 1	1.04	0.98	1.02	0.92	1.73E-01	8.99E-02	1.29E-01	4.65E-02
NP_004313.1	BAD	bcl2-associated agonist of cell death	0.94	0.90	0.81	0.98	8.13E-01	7.43E-01	9.31E-01	9.03E-01
XP_016873511.1	EMSY	BRCA2-interacting transcriptional repressor EMSY isoform X11	0.83	1.42	1.13	1.38	6.07E-01	5.01E-01	3.33E-01	2.07E-01
XP_011507381.1	IVNS1ABP	influenza virus NS1A-binding protein isoform X1	0.90	0.99	0.91	0.95	5.77E-01	4.67E-01	7.76E-01	6.94E-01
NP_001336275.1	PLPBP	pyridoxal phosphate homeostasis protein isoform 1	0.96	1.06	1.02	1.01	8.00E-02	2.81E-02	1.46E-01	5.80E-02
NP_001308427.1	SEPTIN10	septin-10 isoform 4	1.34	0.93	1.23	1.19	2.72E-01	1.68E-01	2.73E-01	1.53E-01
NP_071919.2	MPP5	MAGUK p55 subfamily member 5 isoform 1	1.17	0.97	1.13	1.72	1.28E-01	5.79E-02	3.34E-01	2.08E-01
XP_016881920.1	SSBP4	single-stranded DNA-binding protein 4 isoform X1	0.98	0.93	0.91	1.00	4.51E-01	3.32E-01	1.62E-01	6.92E-02
NP_005836.2	ABCC4	multidrug resistance-associated protein 4 isoform 1	1.10	1.02	1.13	1.19	3.00E-01	1.90E-01	4.42E-01	3.13E-01
NP_000535.3	TAP2	antigen peptide transporter 2 isoform 1	1.09	1.01	1.10	1.02	1.62E-01	8.19E-02	2.39E-01	1.25E-01
NP_054907.1	SSU72	RNA polymerase II subunit A C-terminal domain phosphatase SSU72	1.06	0.99	1.07	1.00	6.36E-01	5.34E-01	7.93E-01	7.16E-01
NP_002482.1	NDUFB3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3	1.47	0.96	1.36	1.40	4.29E-01	3.09E-01	4.34E-01	3.05E-01
NP_068747.1	SPCS3	signal peptidase complex subunit 3	1.13	0.91	1.03	1.06	2.36E-01	1.37E-01	1.40E-01	5.41E-02
XP_005261779.1	TCF20	transcription factor 20 isoform X1	0.94	0.96	0.90	0.98	3.76E-01	2.58E-01	8.69E-01	8.17E-01
NP_277040.1	SELENOI	ethanolaminephosphotransferase 1	1.04	0.97	1.01	1.07	7.94E-01	7.22E-01	7.61E-01	6.76E-01
NP_001273494.1	KIAA0513	uncharacterized protein KIAA0513 isoform a	0.98	1.04	1.01	0.89	7.68E-01	6.89E-01	7.10E-01	6.10E-01
XP_005250509.1	POLR2J	DNA-directed RNA polymerase II subunit RPB11-a isoform X1	0.88	1.00	0.88	1.22	2.59E-01	1.56E-01	2.97E-01	1.75E-01
NP_037408.2	SHPK	sedoheptulokinase	0.76	0.93	0.72	0.89	1.11E-01	4.68E-02	5.23E-01	3.99E-01
NP_612157.1	PYGO2	pygopus homolog 2	5.09	0.19	0.96	1.11	1.46E-02	1.29E-03	3.45E-02	1.05E-03
NP_000382.3	TPP1	tripeptidyl-peptidase 1	1.27	0.96	1.22	1.27	1.46E-01	6.99E-02	1.43E-01	5.57E-02
NP_078929.1	PRKRI1	PRKR-interacting protein 1	1.16	0.89	1.03	0.83	7.08E-01	6.18E-01	5.02E-01	3.77E-01
XP_011524671.1	KLK11	kallikrein-11 isoform X1	1.32	0.57	0.76	1.60	3.61E-02	7.01E-03	3.42E-02	8.87E-04
XP_011520726.1	ERCC4	DNA repair endonuclease XPF isoform X1	1.17	0.82	0.95	1.30	1.54E-01	7.59E-02	7.80E-02	1.67E-02
NP_443087.1	ANKRD40	ankyrin repeat domain-containing protein 40	1.07	0.81	0.86	1.16	8.16E-01	7.48E-01	3.64E-01	2.36E-01
NP_055779.2	EPN2	epsin-2 isoform b	0.95	1.05	1.00	0.98	3.54E-01	2.37E-01	2.15E-01	1.06E-01
NP_940848.2	C1orf122	uncharacterized protein C1orf122 isoform 1	1.25	0.90	1.11	1.13	4.60E-01	3.40E-01	3.46E-01	2.19E-01
NP_001137407.1	CROT	peroxisomal carnitine O-octanoyltransferase isoform 1	1.09	1.00	1.09	1.13	2.39E-01	1.40E-01	3.77E-01	2.49E-01
NP_059118.2	CALML5	calmodulin-like protein 5	1.55	0.99	1.34	1.72	4.50E-01	3.31E-01	5.68E-01	4.49E-01
NP_631908.1	TRUB1	probable tRNA pseudouridine synthase 1	1.09	0.72	0.76	1.25	7.96E-01	7.25E-01	3.58E-01	2.30E-01
NP_060119.3	CNNM2	metal transporter CNNM2 isoform 1	1.13	0.96	1.08	1.21	2.03E-01	1.13E-01	3.07E-01	1.84E-01
XP_011536905.1	CALCOCO1	calcium-binding and coiled-coil domain-containing protein 1 isoform X1	0.70	1.09	0.75	0.93	1.44E-01	6.84E-02	2.36E-01	1.22E-01
NP_004869.1	PTGES	prostaglandin E synthase	1.21	1.06	1.29	1.14	6.13E-04	4.40E-06	7.02E-02	1.34E-02
NP_663768.1	SSBP3	single-stranded DNA-binding protein 3 isoform a	0.93	0.81	0.75	0.89	5.04E-01	3.88E-01	4.35E-01	3.06E-01
NP_054896.2	TIMM21	mitochondrial import inner membrane translocase subunit Tim21 precursor	0.92	1.06	0.97	1.04	5.02E-01	3.85E-01	3.77E-01	2.49E-01
NP_001308715.1	CBLB	E3 ubiquitin-protein ligase CBL-B isoform a	1.14	0.80	0.90	1.11	5.37E-01	4.23E-01	2.53E-01	1.36E-01
NP_065747.1	KIAA1143	uncharacterized protein KIAA1143 isoform 1	0.88	0.89	0.79	1.14	9.56E-02	3.70E-02	9.19E-01	8.82E-01
NP_075067.2	VPS33A	vacuolar protein sorting-associated protein 33A isoform 1	1.06	1.30	1.39	1.23	7.08E-01	6.19E-01	5.22E-01	3.98E-01

NP_115685.1	CHCHD5	coiled-coil-helix-coiled-coil-helix domain-containing protein 5 isoform a	1.41	0.62	0.87	1.72	5.95E-03	2.03E-04	1.11E-01	3.49E-02
NP_004873.3	CIR1	corepressor interacting with RBPJ 1	1.25	0.97	1.18	1.14	5.46E-01	4.32E-01	5.59E-01	4.37E-01
NP_006361.1	VTI1B	vesicle transport through interaction with t-SNAREs homolog 1B	0.90	1.03	0.92	1.05	6.42E-02	2.01E-02	7.69E-02	1.64E-02
XP_005273258.1	COQ8A	atypical kinase COQ8A, mitochondrial isoform X1	1.03	0.72	0.74	1.14	7.45E-01	6.63E-01	1.15E-01	3.82E-02
NP_060795.1	C9orf72	guanine nucleotide exchange C9orf72 isoform a	1.13	0.54	0.60	1.05	7.32E-01	6.46E-01	1.83E-01	8.43E-02
NP_004137.2	NDUFB7	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7	1.05	1.03	1.08	1.10	3.84E-01	2.65E-01	8.39E-01	7.75E-01
XP_005253178.1	ZNF143	zinc finger protein 143 isoform X1	1.17	1.21	1.41	1.49	1.95E-01	1.05E-01	9.29E-01	8.99E-01
NP_001350515.1	MIGA1	mitoguardin 1 isoform 3	0.81	0.90	0.76	1.26	6.39E-01	5.39E-01	7.83E-01	7.03E-01
NP_775933.2	RNF175	RING finger protein 175	1.00	0.87	0.87	1.00	6.36E-01	5.35E-01	4.77E-01	3.51E-01
NP_060585.2	SDAD1	protein SDA1 homolog isoform 1	1.11	0.71	0.79	1.14	2.66E-01	1.62E-01	6.80E-02	1.23E-02
NP_689853.3	DCP1B	mRNA-decapping enzyme 1B isoform 1	0.96	0.98	0.94	1.16	2.62E-01	1.59E-01	9.13E-01	8.73E-01
XP_006724163.1	HMGXB4	HMG domain-containing protein 4 isoform X1	1.14	0.93	1.04	1.29	4.17E-01	2.97E-01	5.22E-01	3.98E-01
NP_001007539.1	SHISA2	protein shisa-2 homolog precursor	1.29	0.99	1.23	1.08	4.36E-01	3.16E-01	5.62E-01	4.41E-01
XP_011524962.1	CIC	protein capicua homolog isoform X1	0.99	1.18	1.16	1.11	8.77E-01	8.27E-01	5.97E-01	4.82E-01
XP_016868829.1	MICU3	calcium uptake protein 3, mitochondrial isoform X9	1.00	1.02	1.02	1.17	9.57E-01	9.38E-01	7.69E-01	6.85E-01
NP_001307834.1	DTYMK	thymidylate kinase isoform 6	1.01	1.03	1.04	1.07	7.64E-01	6.84E-01	7.82E-01	7.01E-01
XP_016870159.1	APBA1	amyloid-beta A4 precursor protein-binding family A member 1 isoform X1	1.05	1.06	1.11	1.11	3.34E-01	2.19E-01	8.38E-01	7.72E-01
NP_006512.2	TFE3	transcription factor E3 isoform 1	1.28	0.91	1.15	1.15	6.03E-01	4.97E-01	4.90E-01	3.64E-01
NP_001171846.1	PCYT2	ethanolamine-phosphate cytidyltransferase isoform 1	0.99	1.29	1.26	1.01	8.79E-01	8.30E-01	4.50E-01	3.22E-01
NP_775813.2	PLBD2	putative phospholipase B-like 2 isoform 1 precursor	0.76	1.35	1.02	1.18	5.99E-02	1.81E-02	1.90E-01	8.92E-02
NP_002507.1	NOVA2	RNA-binding protein Nova-2	1.03	1.04	1.07	0.94	3.13E-01	2.02E-01	9.22E-01	8.88E-01
XP_005246697.1	MAP3K20	mitogen-activated protein kinase kinase 20 isoform X1	1.51	0.67	0.99	1.47	2.25E-01	1.28E-01	1.43E-01	5.55E-02
NP_775489.2	TPH2	tryptophan 5-hydroxylase 2	1.36	0.59	0.79	1.32	8.82E-02	3.29E-02	5.31E-02	6.09E-03
NP_060271.1	CMTM6	CKLF-like MARVEL transmembrane domain-containing protein 6	1.20	1.14	1.36	1.17	1.58E-01	7.86E-02	6.48E-01	5.41E-01
NP_001243671.1	CNOT10	CCR4-NOT transcription complex subunit 10 isoform 3	0.96	0.96	0.92	1.06	5.54E-01	4.42E-01	9.82E-01	9.74E-01
NP_005572.2	BCAM	basal cell adhesion molecule isoform 1 precursor	1.05	1.04	1.08	1.27	6.90E-01	5.96E-01	9.41E-01	9.13E-01
NP_036323.2	NAA80	N-alpha-acetyltransferase 80 isoform 1	0.98	1.20	1.16	1.26	8.88E-01	8.44E-01	4.79E-01	3.52E-01
NP_001035521.1	COA3	cytochrome c oxidase assembly factor 3 homolog, mitochondrial	1.29	0.76	0.98	1.32	4.83E-02	1.22E-02	5.23E-02	5.95E-03
XP_011528002.1	SLC19A1	reduced folate transporter isoform X4	0.95	0.93	0.90	1.14	6.34E-01	5.30E-01	9.09E-01	8.67E-01
NP_001317627.1	YTHDC1	YTH domain-containing protein 1 isoform 3	1.63	0.83	1.21	1.36	4.14E-01	2.93E-01	4.08E-01	2.79E-01
NP_001120872.1	YPEL5	protein yippee-like 5	1.05	0.93	0.98	0.92	4.48E-01	3.28E-01	2.99E-01	1.76E-01
NP_005139.1	UNC119	protein unc-119 homolog A isoform a	1.04	0.84	0.88	1.08	7.59E-01	6.79E-01	3.36E-01	2.10E-01
NP_001191819.1	ISY1-RAB43	ISY1-RAB43 protein	0.69	0.86	0.60	1.20	6.72E-02	2.16E-02	1.46E-01	5.79E-02
NP_963839.1	LGALS8	galectin-8 isoform a	0.96	1.11	1.07	1.20	4.23E-01	3.04E-01	1.15E-01	3.83E-02
NP_057023.2	TRMT6	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6 isoform 1	1.07	1.01	1.06	1.68	8.14E-01	7.45E-01	8.72E-01	8.19E-01
NP_008820.3	CD86	T-lymphocyte activation antigen CD86 isoform 2 precursor	1.03	0.92	0.95	1.10	8.62E-01	8.06E-01	5.08E-01	3.83E-01
XP_016859884.1	PPM1B	protein phosphatase 1B isoform X1	1.09	0.99	1.08	1.13	1.39E-01	6.53E-02	1.69E-01	7.33E-02
NP_112202.2	ISCA1	iron-sulfur cluster assembly 1 homolog, mitochondrial precursor	1.08	0.84	0.92	1.50	8.88E-01	8.43E-01	5.57E-01	4.34E-01
NP_001278.1	CLCN7	H(+)/Cl(-) exchange transporter 7 isoform a	1.15	0.82	0.95	1.17	1.28E-01	5.79E-02	9.50E-02	2.70E-02
NP_055254.2	IL37	interleukin-37 isoform 1 precursor	4.44	0.22	0.69	1.21	2.70E-01	1.67E-01	1.68E-01	7.28E-02
NP_115497.4	MAGT1	magnesium transporter protein 1 isoform 2	0.95	1.02	0.96	1.04	1.97E-01	1.07E-01	3.93E-01	2.64E-01
NP_001036053.1	SNUPN	snurportin-1	0.95	0.99	0.94	1.08	1.17E-01	5.07E-02	3.25E-01	2.01E-01
NP_055569.1	PTDSS1	phosphatidylserine synthase 1 isoform 1	1.13	1.00	1.13	1.03	4.83E-02	1.22E-02	1.02E-01	3.02E-02
NP_060621.3	RIF1	telomere-associated protein RIF1 isoform 1	0.92	0.90	0.83	1.07	6.96E-01	6.04E-01	9.47E-01	9.25E-01
NP_004519.1	MGST3	microsomal glutathione S-transferase 3	0.96	1.00	0.96	0.90	3.97E-01	2.77E-01	4.65E-01	3.37E-01
XP_024307962.1	TFIP11	tuftelin-interacting protein 11 isoform X1	1.01	1.05	1.06	1.19	7.94E-01	7.22E-01	7.04E-01	6.03E-01
NP_065777.1	NLN	neurolysin, mitochondrial	1.06	1.04	1.10	1.08	1.16E-01	4.95E-02	3.88E-01	2.59E-01

NP_705582.1	UXT	protein UXT isoform 1	1.01	1.09	1.09	1.16	9.91E-01	9.88E-01	7.57E-01	6.71E-01
NP_001333396.1	ANO10	anoctamin-10 isoform 7	1.10	0.95	1.03	0.99	3.36E-01	2.20E-01	5.84E-01	4.69E-01
NP_689480.2	RNF185	E3 ubiquitin-protein ligase RNF185 isoform 1	1.01	0.97	0.98	1.02	8.90E-01	8.47E-01	7.14E-01	6.16E-01
NP_077284.2	DHRS11	dehydrogenase/reductase SDR family member 11 precursor	0.93	1.12	1.03	0.96	5.61E-01	4.50E-01	4.18E-01	2.90E-01
XP_006716872.1	GBA2	non-lysosomal glucosylceramidase isoform X1	1.34	0.72	0.97	1.12	2.46E-01	1.45E-01	1.17E-01	3.92E-02
NP_001189.2	PRDM1	PR domain zinc finger protein 1 isoform 1	0.96	1.02	0.97	0.99	5.79E-01	4.69E-01	4.99E-01	3.73E-01
NP_001185838.1	ATP6V1F	V-type proton ATPase subunit F isoform 2	0.90	1.07	0.96	1.08	1.86E-01	9.89E-02	1.75E-01	7.82E-02
XP_016883167.1	ROMO1	reactive oxygen species modulator 1 isoform X1	1.12	1.05	1.17	1.15	1.53E-01	7.46E-02	4.16E-01	2.88E-01
NP_683759.1	NSUN5	probable 28S rRNA (cytosine-C(5))-methyltransferase isoform 1	1.10	0.90	0.98	1.01	1.57E-01	7.79E-02	3.08E-01	1.85E-01
XP_016879247.1	SPNS1	protein spinster homolog 1 isoform X2	0.85	0.84	0.73	0.86	4.92E-01	3.75E-01	9.95E-01	9.94E-01
XP_016884510.1	KLHL22	kelch-like protein 22 isoform X4	1.06	0.79	0.79	0.85	9.89E-01	9.85E-01	7.23E-01	6.27E-01
NP_001106878.1	LDB1	LIM domain-binding protein 1 isoform 1	0.88	0.81	0.70	1.09	4.68E-01	3.50E-01	7.93E-01	7.15E-01
NP_004837.1	EIF4E2	eukaryotic translation initiation factor 4E type 2 isoform A	1.01	0.98	0.99	1.03	8.37E-01	7.74E-01	5.41E-01	4.19E-01
NP_444504.1	GLMN	glomulin isoform 1	1.15	0.76	0.87	1.16	4.02E-01	2.82E-01	1.30E-01	4.75E-02
NP_036551.3	RGS17	regulator of G-protein signaling 17	2.11	0.46	0.94	1.55	1.13E-01	4.79E-02	8.93E-02	2.36E-02
NP_001257823.1	TRAPPC3	trafficking protein particle complex subunit 3 isoform 2	1.06	1.03	1.08	1.02	7.37E-01	6.52E-01	8.97E-01	8.51E-01
NP_001177376.1	PPP2R3A	serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha isoform 3	0.94	1.03	0.97	1.20	8.02E-02	2.83E-02	8.15E-01	7.42E-01
XP_024304548.1	CD151	CD151 antigen isoform X1	0.93	1.02	0.95	1.04	5.39E-03	1.75E-04	1.54E-01	6.26E-02
NP_001229338.1	GAREM1	GRB2-associated and regulator of MAPK protein 1 isoform 1	1.09	1.03	1.10	0.99	8.48E-01	7.88E-01	9.15E-01	8.77E-01
XP_006718581.1	KCTD21	BTB/POZ domain-containing protein KCTD21 isoform X2	1.03	0.87	0.89	1.25	3.81E-01	2.63E-01	7.09E-02	1.37E-02
XP_006720617.1	HDFGL3	hepatoma-derived growth factor-related protein 3 isoform X1	0.78	1.03	0.80	0.84	1.82E-01	9.57E-02	1.76E-01	8.00E-02
NP_115512.3	TKTL2	transketolase-like protein 2	0.86	1.04	0.90	0.97	2.47E-01	1.46E-01	2.03E-01	9.88E-02
NP_077740.1	DSC2	desmocollin-2 isoform Dsc2a	1.31	1.08	1.41	1.06	6.46E-02	2.03E-02	1.54E-01	6.26E-02
XP_024308944.1	LOXL3	lysyl oxidase homolog 3 isoform X1	1.13	1.03	1.15	1.20	2.70E-01	1.67E-01	7.35E-01	6.44E-01
NP_002171.2	IGHMBP2	DNA-binding protein SMUBP-2	1.37	1.01	1.38	1.52	2.52E-03	4.43E-05	5.66E-01	4.47E-01
NP_056943.1	GTF2A1	transcription initiation factor IIA subunit 1 isoform 1	0.86	0.97	0.83	1.06	3.12E-01	2.01E-01	4.73E-01	3.45E-01
NP_851939.1	FKBP7	peptidyl-prolyl cis-trans isomerase FKBP7 isoform a precursor	0.86	1.10	0.94	1.08	7.83E-02	2.73E-02	2.36E-01	1.23E-01
NP_001305687.1	NFX1	transcriptional repressor NF-X1 isoform 4	0.93	1.03	0.96	1.10	5.57E-01	4.45E-01	5.41E-01	4.19E-01
NP_001291937.1	LNPK	endoplasmic reticulum junction formation protein lunapark isoform 1 precursor	0.85	1.21	1.01	1.22	5.30E-01	4.15E-01	3.92E-01	2.62E-01
NP_001005339.1	RGS10	regulator of G-protein signaling 10 isoform a	0.95	0.94	0.89	1.11	3.97E-01	2.76E-01	9.47E-01	9.24E-01
NP_005834.4	STAM2	signal transducing adapter molecule 2	1.18	1.06	1.25	1.14	2.38E-01	1.39E-01	4.34E-01	3.05E-01
XP_024302667.1	TAF6	transcription initiation factor TFIID subunit 6 isoform X3	0.90	0.91	0.81	0.89	2.30E-01	1.33E-01	9.92E-01	9.88E-01
NP_055097.2	HABP4	intracellular hyaluronan-binding protein 4	0.77	1.00	0.77	0.91	2.36E-01	1.37E-01	2.51E-01	1.35E-01
XP_016858358.1	CD58	lymphocyte function-associated antigen 3 isoform X1	0.80	1.10	0.88	1.05	8.19E-02	2.96E-02	8.42E-02	2.04E-02
NP_001159725.2	TBXAS1	thromboxane-A synthase isoform 3	1.09	1.35	1.48	1.19	1.45E-01	6.95E-02	2.15E-01	1.06E-01
NP_060569.3	FAR2	fatty acyl-CoA reductase 2 isoform 1	1.10	0.84	0.89	1.42	6.16E-01	5.11E-01	6.22E-01	5.10E-01
XP_016874949.1	ATP5MC2	ATP synthase F(0) complex subunit C2, mitochondrial isoform X1	1.16	0.84	0.97	0.97	2.27E-02	2.94E-03	5.20E-02	5.82E-03
NP_004306.3	ASAHI	acid ceramidase isoform b	0.99	1.05	1.03	1.21	8.89E-01	8.45E-01	7.30E-01	6.35E-01
NP_001036038.1	ENGASE	cytosolic endo-beta-N-acetylglucosaminidase	1.15	0.92	1.06	1.20	1.81E-01	9.55E-02	2.17E-01	1.09E-01
NP_037507.1	ABT1	activator of basal transcription 1	0.88	1.06	0.93	1.01	3.40E-01	2.24E-01	2.84E-01	1.63E-01
NP_644815.1	CDC26	anaphase-promoting complex subunit CDC26	1.23	0.91	1.12	1.42	1.23E-02	8.64E-04	6.05E-02	9.25E-03
NP_076413.3	BRD9	bromodomain-containing protein 9 isoform 1	1.94	0.74	1.43	1.27	6.79E-03	2.67E-04	2.60E-02	1.39E-04
NP_997238.2	POTEB3	POTE ankyrin domain family member B3	0.58	1.24	0.72	0.86	2.86E-02	4.51E-03	5.68E-02	7.59E-03
NP_061158.1	BIN3	bridging integrator 3 isoform 1	1.23	0.68	0.83	0.85	1.43E-02	1.19E-03	1.51E-01	6.08E-02
NP_005474.2	CHAF1A	chromatin assembly factor 1 subunit A	1.72	0.62	1.02	1.13	1.81E-01	9.52E-02	1.63E-01	7.03E-02
XP_003960032.2	LOC101060017	uncharacterized protein LOC101060017	0.83	1.04	0.87	0.87	5.38E-02	1.52E-02	6.35E-02	1.03E-02
NP_061836.2	BRWD1	bromodomain and WD repeat-containing protein 1 isoform A	0.91	1.12	1.02	1.11	7.46E-02	2.53E-02	1.20E-01	4.09E-02

NP_065203.2	YIF1A	protein YIF1A isoform 1	1.10	0.85	0.93	1.21	4.46E-01	3.26E-01	2.85E-01	1.64E-01
NP_057238.3	RAB4B	ras-related protein Rab-4B	1.56	0.85	1.28	1.29	2.36E-01	1.38E-01	2.93E-01	1.71E-01
NP_002633.1	PIGC	phosphatidylinositol N-acetylglucosaminyltransferase subunit C	1.10	1.06	1.18	1.09	5.92E-01	4.84E-01	8.68E-01	8.16E-01
NP_066951.1	POLR2L	DNA-directed RNA polymerases I, II, and III subunit RPABC5	1.05	1.17	1.19	1.30	9.13E-01	8.75E-01	7.43E-01	6.53E-01
NP_005265.1	NGF5	guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5 precursor	1.26	1.31	1.65	1.28	1.39E-01	6.56E-02	7.13E-01	6.14E-01
XP_016877195.1	BRMS1L	breast cancer metastasis-suppressor 1-like protein isoform X4	0.80	1.25	1.00	0.89	7.20E-02	2.38E-02	7.18E-02	1.43E-02
NP_001305699.1	MRPL14	39S ribosomal protein L14, mitochondrial isoform c	1.03	0.92	0.95	1.05	4.76E-01	3.58E-01	4.58E-01	3.29E-01
NP_006155.2	NFE2L2	nuclear factor erythroid 2-related factor 2 isoform 1	0.91	1.26	1.12	1.07	6.03E-01	4.97E-01	4.18E-01	2.90E-01
NP_612423.1	SGF29	SAGA-associated factor 29	1.06	1.27	1.32	1.09	9.26E-01	8.91E-01	6.22E-01	5.10E-01
XP_024306706.1	PHF23	PHD finger protein 23 isoform X1	1.08	0.98	1.05	1.34	4.16E-01	2.95E-01	3.35E-01	2.08E-01
NP_057733.2	ESF1	ESF1 homolog	0.95	1.11	1.05	0.91	5.91E-01	4.82E-01	4.83E-01	3.56E-01
XP_024307502.1	C19orf12	protein C19orf12 isoform X1	1.22	0.89	1.08	1.23	7.20E-02	2.39E-02	1.14E-01	3.70E-02
XP_024306613.1	USP36	ubiquitin carboxyl-terminal hydrolase 36 isoform X1	1.00	0.97	0.95	1.20	9.68E-01	9.53E-01	9.31E-01	9.03E-01
NP_653284.2	DHRS13	dehydrogenase/reductase SDR family member 13 precursor	1.73	0.72	1.20	1.32	2.30E-01	1.32E-01	1.85E-01	8.60E-02
NP_001165077.1	PREPL	prolyl endopeptidase-like isoform 1	1.07	1.38	1.49	1.07	6.31E-01	5.27E-01	3.71E-01	2.43E-01
NP_872282.1	COQ6	ubiquinone biosynthesis monooxygenase COQ6, mitochondrial isoform a	0.72	1.63	1.17	0.88	1.18E-02	8.04E-04	7.95E-02	1.78E-02
NP_653265.3	FAM76B	protein FAM76B isoform 1	1.00	0.86	0.86	1.06	9.68E-01	9.54E-01	1.69E-01	7.35E-02
NP_057394.3	POLR3K	DNA-directed RNA polymerase III subunit RPC10	1.08	0.97	1.05	1.02	3.19E-02	5.54E-03	6.41E-01	5.30E-01
NP_006867.1	B4GAT1	beta-1,4-glucuronyltransferase 1	1.01	1.01	1.01	0.99	9.37E-01	9.10E-01	9.54E-01	9.34E-01
NP_004100.1	FDX1	adrenodoxin, mitochondrial precursor	0.94	1.27	1.19	1.01	2.02E-01	1.11E-01	1.82E-01	8.32E-02
NP_079051.9	GEMIN6	gem-associated protein 6	1.07	0.86	0.92	1.00	4.14E-01	2.94E-01	1.71E-01	7.52E-02
NP_003963.1	BTAFL	TATA-binding protein-associated factor 172	1.02	0.96	0.98	1.03	6.52E-01	5.53E-01	3.45E-01	2.18E-01
NP_542408.1	DYNLL2	dynein light chain 2, cytoplasmic	1.08	0.98	1.05	1.05	3.38E-02	6.19E-03	5.01E-02	5.19E-03
NP_683725.1	CYB5A	cytochrome b5 isoform 1	1.05	0.83	0.85	1.04	8.53E-01	7.94E-01	5.27E-01	4.04E-01
NP_116290.1	COX14	cytochrome c oxidase assembly protein COX14	0.99	1.04	1.03	1.07	3.83E-01	2.64E-01	7.88E-02	1.71E-02
NP_006457.2	POLR3F	DNA-directed RNA polymerase III subunit RPC6 isoform 1	0.97	1.01	0.98	1.09	2.39E-01	1.40E-01	6.99E-01	5.98E-01
XP_005248298.1	NADK2	NAD kinase 2, mitochondrial isoform X1	1.01	0.93	0.94	1.15	9.26E-01	8.92E-01	6.22E-01	5.09E-01
NP_005189.2	CHKB	choline/ethanolamine kinase	0.80	1.03	0.82	1.02	5.56E-02	1.59E-02	8.10E-02	1.87E-02
NP_001243125.1	ARAF	serine/threonine-protein kinase A-Raf isoform 2	0.67	1.54	1.05	0.97	6.70E-02	2.14E-02	2.70E-01	1.51E-01
XP_016885463.1	SYTL5	synaptotagmin-like protein 5 isoform X1	1.05	0.98	1.03	1.10	5.92E-01	4.84E-01	4.90E-01	3.63E-01
NP_061326.1	NDUFA12	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 isoform a	0.93	1.03	0.96	0.96	8.43E-02	3.08E-02	1.06E-01	3.25E-02
NP_001258563.1	CNOT9	CCR4-NOT transcription complex subunit 9 isoform 1	1.27	0.80	1.01	1.10	1.25E-01	5.62E-02	1.47E-01	5.84E-02
NP_006406.1	SPTLC1	serine palmitoyltransferase 1 isoform a	1.61	0.69	1.10	1.08	7.94E-02	2.77E-02	7.21E-02	1.46E-02
NP_006627.2	MTHFD2	bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial precursor	1.41	0.87	1.23	1.04	5.49E-02	1.57E-02	5.83E-02	8.37E-03
NP_068809.1	POLR2F	DNA-directed RNA polymerases I, II, and III subunit RPABC2 isoform 1	0.78	1.01	0.78	0.88	3.46E-01	2.30E-01	3.86E-01	2.58E-01
NP_060631.2	NADSYN1	glutamine-dependent NAD(+) synthetase	0.88	0.99	0.88	0.99	3.81E-01	2.63E-01	7.53E-01	6.66E-01
XP_016884713.1	SLC9A6	sodium/hydrogen exchanger 6 isoform X1	0.85	1.18	0.95	0.88	6.84E-01	5.90E-01	5.61E-01	4.41E-01
NP_056437.4	CCZ1	vacuolar fusion protein CCZ1 homolog	0.82	1.36	1.09	1.02	4.52E-01	3.33E-01	2.45E-01	1.30E-01
NP_001004304.1	ZNF740	zinc finger protein 740	1.56	0.95	1.49	1.28	3.84E-02	7.92E-03	1.32E-01	4.84E-02
NP_005515.1	HES1	transcription factor HES-1	0.74	1.12	0.84	1.14	6.20E-02	1.89E-02	6.73E-02	1.20E-02
NP_001268400.1	PIPK5K2	inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 2 isoform 3	1.02	1.00	1.03	1.09	8.86E-02	3.32E-02	8.61E-01	8.05E-01
NP_079131.3	ACTR5	actin-related protein 5	1.03	0.92	0.93	1.18	9.34E-01	9.05E-01	7.09E-01	6.09E-01
NP_932064.1	DPP8	dipeptidyl peptidase 8 isoform 3	1.02	0.96	0.98	1.06	2.53E-01	1.51E-01	9.92E-02	2.88E-02
NP_036311.3	FBXO7	F-box only protein 7 isoform 1	0.85	1.06	0.90	1.13	1.21E-01	5.35E-02	2.65E-01	1.46E-01
NP_998760.1	ISCU	iron-sulfur cluster assembly enzyme ISCU, mitochondrial isoform 2 precursor	0.87	1.04	0.91	1.15	3.73E-02	7.56E-03	9.94E-02	2.90E-02
NP_542387.1	CDKN2AIPNL	CDKN2AIP N-terminal-like protein	0.72	0.97	0.70	0.81	2.67E-02	4.02E-03	8.02E-02	1.83E-02
NP_116295.1	PYURF	protein pre-Y, mitochondrial precursor	0.81	1.01	0.82	0.98	1.55E-01	7.65E-02	1.86E-01	8.64E-02

XP_024309867.1	FHL3	four and a half LIM domains protein 3 isoform X1	0.79	0.94	0.74	0.95	9.90E-02	3.90E-02	3.03E-01	1.80E-01
NP_056357.1	UPF2	regulator of nonsense transcripts 2	1.03	0.99	1.02	1.07	8.18E-01	7.50E-01	7.37E-01	6.46E-01
NP_001358171.1	CRYBG1	beta/gamma crystallin domain-containing protein 1 isoform 1	0.95	0.94	0.89	1.04	5.04E-02	1.32E-02	9.20E-01	8.84E-01
XP_016880482.1	TNFAIP1	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2 isoform X1	0.44	1.39	0.61	0.56	1.07E-02	6.41E-04	4.16E-02	2.57E-03
NP_001037770.1	SMAP1	stromal membrane-associated protein 1 isoform A	0.88	1.05	0.92	0.90	6.79E-03	2.67E-04	4.84E-01	3.57E-01
NP_001001132.1	ITSN1	intersectin-1 isoform ITSN-s	1.22	0.72	0.87	1.15	2.57E-01	1.55E-01	2.58E-01	1.40E-01
NP_000518.1	LDLR	low-density lipoprotein receptor isoform 1 precursor	1.16	1.37	1.63	1.39	7.78E-01	7.01E-01	6.54E-01	5.48E-01
NP_068375.3	VPS11	vacuolar protein sorting-associated protein 11 homolog isoform 1	1.15	0.75	0.86	1.13	2.54E-01	1.52E-01	9.07E-02	2.46E-02
XP_016859015.1	DNMT3A	DNA (cytosine-5)-methyltransferase 3A isoform X1	0.79	1.07	0.84	1.06	7.80E-02	2.71E-02	1.54E-01	6.31E-02
NP_060813.2	RIOK2	serine/threonine-protein kinase RIO2 isoform 1	0.95	1.10	1.05	1.05	4.42E-01	3.23E-01	1.57E-01	6.53E-02
XP_005266564.1	SLC7A1	high affinity cationic amino acid transporter 1 isoform X2	1.06	1.12	1.19	1.10	5.52E-01	4.39E-01	7.53E-01	6.65E-01
NP_115732.2	NAA38	N-alpha-acetyltransferase 38, NatC auxiliary subunit isoform 1 precursor	1.24	0.86	1.07	1.02	1.56E-01	7.74E-02	1.21E-01	4.14E-02
NP_000190.1	SGSH	N-sulphoglucosamine sulphohydrolase isoform 1 precursor	1.08	0.88	0.96	1.23	2.27E-01	1.31E-01	9.02E-02	2.40E-02
NP_115737.1	THOC3	THO complex subunit 3 isoform 1	1.25	0.83	1.03	1.18	5.36E-02	1.50E-02	6.34E-02	1.02E-02
XP_016857596.1	NMNAT1	nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1 isoform X1	1.27	0.81	0.97	0.97	6.78E-01	5.83E-01	4.75E-01	3.48E-01
NP_004698.3	ATG12	ubiquitin-like protein ATG12 isoform 1	1.00	1.02	1.02	1.04	9.75E-01	9.63E-01	7.74E-01	6.91E-01
XP_024308775.1	DPYSL5	dihydropyrimidinase-related protein 5 isoform X1	1.08	0.97	1.04	0.93	1.42E-01	6.78E-02	1.34E-01	4.96E-02
XP_016862616.1	WNT5A	protein Wnt-5a isoform X1	0.87	0.83	0.72	0.81	3.89E-02	8.17E-03	4.57E-01	3.28E-01
NP_001137384.1	FAM76A	protein FAM76A isoform 1	0.86	1.09	0.92	1.26	3.09E-01	1.98E-01	5.11E-01	3.88E-01
XP_024309948.1	TRAPPC11	trafficking protein particle complex subunit 11 isoform X1	1.27	0.81	1.02	0.98	2.21E-01	1.26E-01	1.18E-01	3.95E-02
NP_542409.1	UBE2F	NEDD8-conjugating enzyme UBE2F isoform 1	1.03	1.06	1.10	1.32	7.04E-01	6.15E-01	7.50E-01	6.62E-01
XP_011538877.1	FHAD1	forkhead-associated domain-containing protein 1 isoform X1	0.68	1.19	0.80	0.83	4.46E-02	1.05E-02	5.95E-02	8.75E-03
XP_016875257.1	BCAT1	branched-chain-amino-acid aminotransferase, cytosolic isoform X1	0.96	1.22	1.17	1.05	9.33E-02	3.55E-02	5.00E-02	4.99E-03
NP_060060.3	ZC3H7B	zinc finger CCCH domain-containing protein 7B	0.93	0.89	0.83	1.06	2.90E-01	1.83E-01	4.66E-01	3.39E-01
NP_001308658.1	EXOC6B	exocyst complex component 6B isoform 1	0.85	1.09	0.90	0.72	6.03E-01	4.98E-01	5.11E-01	3.88E-01
NP_001035958.1	SMIM8	small integral membrane protein 8 isoform 1	0.79	1.51	1.15	0.89	4.49E-01	3.30E-01	2.34E-01	1.21E-01
NP_037451.1	UBIAD1	ubiA prenyltransferase domain-containing protein 1 isoform 1	1.04	0.93	0.97	1.04	1.70E-01	8.76E-02	9.42E-02	2.66E-02
XP_011532165.1	QRICH1	glutamine-rich protein 1 isoform X1	1.08	0.85	0.89	0.89	8.64E-01	8.10E-01	5.68E-01	4.52E-01
NP_859056.2	LYRM7	complex III assembly factor LYRM7 isoform 1	1.07	1.08	1.16	1.14	2.88E-01	1.81E-01	9.96E-01	9.95E-01
XP_024305880.1	NUF2	kinetochore protein Nuf2 isoform X1	1.25	0.69	0.78	0.93	8.13E-01	7.44E-01	4.91E-01	3.64E-01
NP_001505.1	GTF2B	transcription initiation factor IIB	0.97	1.00	0.94	1.05	8.73E-01	8.21E-01	9.42E-01	9.16E-01
NP_005972.1	TSPAN31	tetraspanin-31 isoform 1	0.91	0.90	0.82	1.00	6.61E-02	2.10E-02	6.43E-01	5.33E-01
XP_006722863.1	MAP2K7	dual specificity mitogen-activated protein kinase kinase 7 isoform X1	1.05	1.03	1.08	1.13	2.46E-01	1.45E-01	7.30E-01	6.36E-01
NP_001191330.1	XIAP	E3 ubiquitin-protein ligase XIAP	0.90	0.88	0.79	1.14	3.53E-02	6.74E-03	7.75E-01	6.92E-01
NP_008879.3	HSPA13	heat shock 70 kDa protein 13 precursor	0.90	1.06	0.95	0.98	4.99E-01	3.81E-01	3.95E-01	2.66E-01
NP_056518.2	RRP7A	ribosomal RNA-processing protein 7 homolog A	1.17	0.93	1.08	1.16	2.69E-01	1.65E-01	2.34E-01	1.21E-01
NP_001026866.1	PLD3	phospholipase D3	0.92	1.15	1.05	1.18	1.58E-01	7.86E-02	1.15E-01	3.76E-02
NP_061940.1	GNL3L	guanine nucleotide-binding protein-like 3-like protein	0.91	1.03	0.94	0.90	5.64E-01	4.53E-01	5.51E-01	4.29E-01
NP_001349853.1	ASAP1	arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1 isoform 3	0.86	0.81	0.70	1.10	1.08E-01	4.47E-02	5.66E-01	4.46E-01
NP_001269970.1	USP25	ubiquitin carboxyl-terminal hydrolase 25 isoform USP25m	1.30	0.87	1.20	1.28	6.17E-01	5.12E-01	5.10E-01	3.86E-01
NP_076931.1	MRPL57	ribosomal protein 63, mitochondrial	1.02	1.00	1.02	1.10	8.53E-01	7.94E-01	9.11E-01	8.69E-01
XP_024304935.1	SUOX	sulfite oxidase, mitochondrial isoform X1	1.18	0.87	1.02	1.11	1.17E-01	5.08E-02	8.12E-02	1.89E-02
NP_060871.1	STK32B	serine/threonine-protein kinase 32B isoform 1	0.83	1.12	0.96	0.99	4.38E-01	3.18E-01	4.16E-01	2.88E-01
XP_024309954.1	KIFAP3	kinesin-associated protein 3 isoform X1	0.95	1.00	0.95	0.96	5.13E-01	3.97E-01	7.82E-01	7.02E-01
NP_004891.5	APOBEC3B	DNA dC-dU-editing enzyme APOBEC-3B isoform a	1.04	0.87	0.90	1.06	8.32E-01	7.68E-01	3.67E-01	2.38E-01
NP_004749.2	TSPOAPI	peripheral-type benzodiazepine receptor-associated protein 1 isoform a	1.27	0.82	1.01	1.15	6.17E-01	5.12E-01	4.11E-01	2.83E-01
NP_057191.2	ZFR	zinc finger RNA-binding protein	1.09	0.96	1.02	1.06	9.15E-01	8.77E-01	8.46E-01	7.84E-01

NP_005597.3	LGMN	legumain isoform 1	1.00	1.00	1.00	1.23	9.87E-01	9.81E-01	9.74E-01	9.61E-01
XP_011525416.1	SMG9	protein SMG9 isoform X1	0.97	0.95	0.92	0.98	3.09E-01	1.98E-01	4.60E-01	3.32E-01
NP_116114.1	BUD13	BUD13 homolog isoform 1	0.86	0.91	0.78	0.84	5.47E-01	4.34E-01	8.19E-01	7.47E-01
XP_005266130.1	GRIN1	glutamate receptor ionotropic, NMDA 1 isoform X1	1.23	0.92	1.13	1.08	8.03E-02	2.85E-02	1.25E-01	4.35E-02
XP_011535455.1	OR4K1	olfactory receptor 4K1 isoform X1	1.19	0.98	1.17	1.16	3.49E-02	6.63E-03	1.23E-01	4.26E-02
NP_004323.2	BPHL	valacyclovir hydrolase isoform 1 precursor	1.76	0.92	1.45	1.35	1.92E-01	1.03E-01	4.66E-01	3.39E-01
NP_663318.1	APOL1	apolipoprotein L1 isoform b precursor	0.96	1.00	0.96	1.06	7.26E-01	6.38E-01	7.28E-01	6.33E-01
XP_005267487.1	DAAM1	disheveled-associated activator of morphogenesis 1 isoform X1	1.25	0.70	0.86	1.15	3.68E-01	2.50E-01	1.88E-01	8.79E-02
NP_001352832.1	MAG11	membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1 isoform d	1.27	0.91	1.15	1.35	1.95E-01	1.06E-01	2.32E-01	1.20E-01
NP_001478.2	BLOC1S1	biogenesis of lysosome-related organelles complex 1 subunit 1	0.94	1.05	0.99	1.23	2.70E-01	1.67E-01	3.10E-01	1.87E-01
NP_001020114.1	ASL	argininosuccinate lyase isoform 1	1.00	0.82	0.82	0.80	9.98E-01	9.98E-01	1.11E-01	3.50E-02
XP_006721823.1	TRIM65	tripartite motif-containing protein 65 isoform X1	1.35	0.66	0.89	1.19	1.01E-02	5.32E-04	3.53E-02	1.42E-03
NP_997705.1	E2F6	transcription factor E2F6 isoform 4	1.33	1.08	1.43	1.04	5.04E-01	3.87E-01	6.30E-01	5.19E-01
NP_004123.1	HABP2	hyaluronan-binding protein 2 isoform 1	1.32	0.85	1.12	1.02	2.56E-01	1.54E-01	2.01E-01	9.74E-02
XP_011512454.1	OTULIN	ubiquitin thioesterase otulin isoform X1	1.22	0.81	0.99	0.97	1.89E-02	2.13E-03	3.69E-02	2.00E-03
XP_005249573.1	DNAJB6	dnaJ homolog subfamily B member 6 isoform X1	0.90	0.96	0.85	0.93	4.02E-01	2.82E-01	6.48E-01	5.42E-01
XP_016872328.1	PYROXD2	pyridine nucleotide-disulfide oxidoreductase domain-containing protein 2 isoform X4	0.85	0.80	0.68	0.90	3.12E-01	2.01E-01	7.10E-01	6.10E-01
NP_612467.1	WDR92	WD repeat-containing protein 92 isoform 1	1.09	0.94	1.03	1.23	6.81E-01	5.86E-01	5.01E-01	3.76E-01
NP_620137.2	FCHO2	F-BAR domain only protein 2 isoform a	1.05	0.82	0.85	1.00	1.73E-01	9.01E-02	5.11E-02	5.45E-03
NP_001229546.1	NXT2	NTF2-related export protein 2 isoform 2	1.14	0.89	1.01	1.13	1.36E-02	1.09E-03	7.21E-02	1.47E-02
NP_443167.4	NT5C3B	7-methylguanosine phosphate-specific 5'-nucleotidase	0.84	1.10	0.92	1.06	1.42E-01	6.76E-02	1.84E-01	8.54E-02
NP_006209.2	PIK3CA	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform	0.82	1.35	1.11	0.75	2.86E-01	1.80E-01	1.15E-01	3.77E-02
XP_011539223.1	FAAP20	Fanconi anemia core complex-associated protein 20 isoform X4	0.98	0.95	0.93	1.11	5.42E-01	4.28E-01	5.68E-01	4.51E-01
NP_001339443.1	HLCS	biotin--protein ligase isoform 2	1.09	0.90	0.98	1.13	3.25E-02	5.73E-03	2.74E-01	1.55E-01
XP_005250053.1	RAB19	ras-related protein Rab-19 isoform X1	2.00	1.32	2.78	1.57	1.18E-01	5.11E-02	4.66E-01	3.39E-01
NP_057034.2	MRPL2	39S ribosomal protein L2, mitochondrial isoform 1	0.96	1.08	1.04	1.19	5.54E-01	4.41E-01	2.73E-01	1.53E-01
NP_001127703.1	NT5DC2	5'-nucleotidase domain-containing protein 2 isoform 1	0.91	0.96	0.87	0.85	5.02E-01	3.84E-01	7.54E-01	6.68E-01
XP_011523846.1	HELZ	probable helicase with zinc finger domain isoform X1	0.94	1.31	1.24	1.10	3.64E-02	7.17E-03	3.33E-01	2.07E-01
NP_004468.1	FRG1	protein FRG1	0.96	0.89	0.86	1.03	4.17E-01	2.97E-01	2.63E-01	1.45E-01
NP_001350485.1	PAAF1	proteasomal ATPase-associated factor 1 isoform 4	1.03	0.99	1.02	1.01	1.85E-01	9.80E-02	4.99E-01	3.73E-01
NP_002951.1	S100A3	protein S100-A3	0.95	0.83	0.79	0.89	5.23E-01	4.08E-01	4.59E-01	3.31E-01
XP_011543064.1	XRRA1	X-ray radiation resistance-associated protein 1 isoform X10	2.08	0.67	1.40	2.05	1.45E-02	1.23E-03	3.53E-02	1.65E-03
XP_005246454.1	FN1	fibronectin isoform X1	0.92	0.82	0.75	0.98	6.35E-01	5.33E-01	6.46E-01	5.36E-01
NP_150232.2	TRIM15	tripartite motif-containing protein 15	0.90	1.10	0.98	1.02	5.17E-01	4.02E-01	4.11E-01	2.83E-01
NP_852136.1	RFC2	replication factor C subunit 2 isoform 1	1.19	0.90	1.08	1.32	4.69E-01	3.51E-01	3.26E-01	2.02E-01
NP_919269.2	XIRP1	xin actin-binding repeat-containing protein 1 isoform 1	0.99	1.00	0.99	0.93	5.64E-01	4.54E-01	6.20E-01	5.07E-01
NP_071322.2	FBXW4	F-box/WD repeat-containing protein 4 isoform 1	1.75	1.08	1.91	1.17	1.32E-02	1.00E-03	3.81E-01	2.52E-01
NP_001129970.1	CISD3	CDGSH iron-sulfur domain-containing protein 3, mitochondrial precursor	1.15	0.79	0.91	1.05	2.98E-02	4.89E-03	9.14E-02	2.50E-02
NP_006846.1	KDELR3	ER lumen protein-retaining receptor 3 isoform a	1.27	0.81	1.02	0.99	3.68E-01	2.50E-01	1.94E-01	9.27E-02
NP_001129107.1	C11orf68	UPF0696 protein C11orf68 isoform 1	1.36	0.78	0.99	1.32	4.79E-01	3.62E-01	3.83E-01	2.54E-01
XP_005269206.1	NABP2	SOSS complex subunit B1 isoform X3	0.98	0.92	0.90	1.18	8.43E-01	7.82E-01	5.62E-01	4.42E-01
XP_011512900.1	BNIP5	protein BNIP5 isoform X3	0.83	1.13	0.93	0.94	2.98E-01	1.89E-01	2.81E-01	1.60E-01
XP_011511252.1	FAIM	fas apoptotic inhibitory molecule 1 isoform X1	0.91	0.87	0.80	1.09	6.70E-01	5.73E-01	8.98E-01	8.53E-01
NP_005715.1	TSPAN3	tetraspanin-3 isoform 1	1.07	1.16	1.24	1.34	1.01E-01	4.05E-02	1.21E-01	4.15E-02
NP_665813.1	CACNG6	voltage-dependent calcium channel gamma-6 subunit isoform a	1.14	0.96	1.09	0.95	2.60E-02	3.84E-03	5.79E-02	8.01E-03
NP_001095915.1	RGS4	regulator of G-protein signaling 4 isoform 1	0.71	1.00	0.70	0.94	2.96E-01	1.87E-01	3.47E-01	2.21E-01
XP_016880066.1	SLFN14	protein SLFN14 isoform X1	0.91	1.19	1.09	0.96	4.61E-01	3.42E-01	1.75E-01	7.84E-02

XP_016877800.1	PDE8A	high affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A isoform X4	1.46	0.74	1.08	1.43	2.66E-01	1.62E-01	1.60E-01	6.78E-02
XP_011520361.1	ATP8B4	probable phospholipid-transporting ATPase IM isoform X8	1.50	0.83	1.24	1.97	1.53E-01	7.50E-02	1.15E-01	3.77E-02
NP_006275.1	TAF10	transcription initiation factor TFIID subunit 10	0.68	1.08	0.73	0.97	4.59E-02	1.11E-02	1.09E-01	3.41E-02
NP_001338946.1	LMF1	lipase maturation factor 1 isoform 2	1.00	0.80	0.80	0.87	9.61E-01	9.45E-01	4.12E-01	2.84E-01
XP_016876707.1	GCHI	GTP cyclohydrolase 1 isoform X1	1.17	0.89	1.00	1.10	6.56E-01	5.58E-01	5.81E-01	4.65E-01
XP_006716099.1	ZCWPW1	zinc finger CW-type PWWP domain protein 1 isoform X1	1.30	1.02	1.32	0.95	1.62E-01	8.17E-02	2.30E-01	1.17E-01
XP_011534703.1	TDRD9	ATP-dependent RNA helicase TDRD9 isoform X7	0.64	1.11	0.71	1.03	4.78E-02	1.19E-02	8.39E-02	2.02E-02
NP_078966.2	MUC16	mucin-16	0.93	1.00	0.92	1.10	2.88E-01	1.81E-01	3.26E-01	2.02E-01
NP_001308879.1	GPBAR1	G-protein coupled bile acid receptor 1	0.95	0.95	0.90	1.04	4.60E-02	1.11E-02	8.96E-01	8.50E-01
NP_001273450.1	PARP11	protein mono-ADP-ribosyltransferase PARP11 isoform b	0.87	0.89	0.80	0.93	5.92E-01	4.84E-01	9.38E-01	9.10E-01
NP_659402.1	TTC16	tetratricopeptide repeat protein 16 isoform 1	0.98	1.09	1.06	0.95	6.38E-01	5.37E-01	3.99E-01	2.70E-01
XP_016872335.1	FBH1	F-box DNA helicase 1 isoform X7	1.08	0.88	0.95	1.02	2.12E-01	1.19E-01	8.20E-02	1.91E-02
NP_059140.1	CHRAC1	chromatin accessibility complex protein 1	0.91	0.96	0.88	1.09	3.82E-01	2.63E-01	5.84E-01	4.68E-01
NP_009133.2	AKAP10	A-kinase anchor protein 10, mitochondrial isoform 1 precursor	1.16	0.79	0.91	1.09	2.12E-01	1.19E-01	2.57E-01	1.40E-01
NP_003207.1	TEF	thyrotroph embryonic factor isoform 1	1.02	0.91	0.92	1.13	9.93E-01	9.92E-01	7.49E-01	6.61E-01
XP_011517647.1	TRDMT1	tRNA (cytosine(38)-C(5))-methyltransferase isoform X6	1.09	0.80	0.88	1.44	1.49E-01	7.21E-02	2.15E-01	1.06E-01
XP_016859917.1	USP40	ubiquitin carboxyl-terminal hydrolase 40 isoform X10	1.14	0.90	1.03	1.19	1.02E-01	4.09E-02	2.70E-01	1.51E-01
XP_011534727.1	SOCS4	suppressor of cytokine signaling 4 isoform X1	0.65	1.10	0.71	0.93	9.16E-03	4.58E-04	1.44E-01	5.63E-02
NP_065910.3	SHROOM3	protein Shroom3	0.99	1.08	1.06	1.00	9.41E-01	9.14E-01	7.10E-01	6.11E-01
NP_004183.2	ASMTL	probable bifunctional dTTP/UTP pyrophosphatase/methyltransferase protein isoform 1	1.03	1.01	1.01	1.11	9.42E-01	9.17E-01	9.45E-01	9.21E-01
XP_006719806.1	ANHX	anomalous homeobox protein isoform X1	1.17	1.10	1.27	1.21	4.37E-01	3.18E-01	8.26E-01	7.56E-01
XP_005267344.1	PTPN21	tyrosine-protein phosphatase non-receptor type 21 isoform X1	1.28	0.62	0.80	1.30	8.19E-02	2.96E-02	1.20E-01	4.05E-02
XP_016879849.1	ARSG	arylsulfatase G isoform X1	1.00	0.77	0.76	1.07	9.77E-01	9.66E-01	4.67E-01	3.40E-01
NP_001138807.1	UBE2Q2	ubiquitin-conjugating enzyme E2 Q2 isoform 2	0.92	1.05	0.98	1.13	6.77E-01	5.82E-01	5.58E-01	4.35E-01

Table S2: Identification transcription factors regulating proteins differentially expressed with rotenone

Transcription factor	No. of genes	Fold enrichment	P-value (Hypergeometric test)	Genes mapped
SP1	64	1.149003	0.075392	NCL; CTTN; HMGB1; TPM3; HDGF; PSAP; NASP; EIF4B; SOD1; HSPE1; YBX1; SRSF1; HNRNPDL; FUS; MARCKSL1; OAT; HPCAL1; HMGN2; HMGB2; PTMA; CALM3; TMSB4X; SET; NUCKS1; EIF2B4; TAF15; PTMS; SRP9; SH3BGRL; MT1X; PDCD5; CD74; CD59; PDCD4; CIRBP; SQSTM1; GAA; ITGA3; EWSR1; CBX5; MYDGF; TNPO2; UAP1L1; RRP15; HAT1; SKP1; CHCHD2; CFDP1; CTSL; PMF1-BGLAP; EP300; TCEAL1; RCN3; DCUN1D3; SETD3; PIP4K2A; ANLN; WDR26; PPP6R1; KLK11; CHCHD5; COQ6; FBXW4; TDRD9
KLF7	45	1.296926	0.025603	NCL; HMGB1; TPM3; HDGF; PSAP; NASP; EIF4B; SOD1; HSPE1; YBX1; HNRNPDL; FUS; MARCKSL1; OAT; HMGN2; HMGB2; NUCKS1; EIF2B4; PTMS; PDCD5; CD59; CIRBP; SQSTM1; GAA; EWSR1; MYDGF; UQCRH; CLTB; TNPO2; UAP1L1; RRP15; HAT1; SKP1; CFDP1; BICD2; EP300; TCEAL1; MCFD2; RCN3; MORF4L1; DCUN1D3; PPP6R1; CHCHD5; BRD9; FHAD1
SP4	39	1.150687	0.173576	TPM4; HDGF; NASP; EIF4B; SOD1; FUS; OAT; HMGN2; HMGB2; CTSD; PTMA; CBX3; SET; NUCKS1; PTMS; SRP9; CD59; PDCD4; CIRBP; SQSTM1; ITGA1; ITGA3; CBX5; EDF1; MYDGF; CLTB; UAP1L1; HMGN3; HAT1; CFDP1; PMF1-BGLAP; EP300; TCEAL1; MCFD2; RCN3; MORF4L1; DCUN1D3; ANLN; FHAD1
EGR1	37	1.475397	0.006596	HDGF; NASP; EIF4B; SRSF1; HNRNPDL; FUS; MARCKSL1; OAT; HMGN2; HMGB2; NACA; PTMA; CBX3; SET; NUCKS1; TAF15; PRKAR1A; PTMS; SRP9; PDCD4; CIRBP; SQSTM1; EWSR1; CNBP; TNPO2; HAT1; SKP1; EP300; TCEAL1; RIN1; DCUN1D3; SETD3; WDR26; PPP6R1; FHAD1; TDRD9; SOCS4
NFYA	33	1.663025	0.001634	HMGB1; NASP; HNRNPDL; OAT; HMGB2; PTMA; CALM3; SET; NUCKS1; TAF15; PRKAR1A; C12orf57; CD74; PDCD4; CIRBP; NQO1; CBX5; CNBP; CLTA; TNPO2; HMGN3; CETN2; P3H3; HLA-C; CTSL; PMF1-BGLAP; ZRANB2; RCN3; SETD3; COA3; COQ6; XRR1; FBXW4
GABPA	27	1.281179	0.098278	NCL; CTTN; NASP; TGOLN2; EIF2B4; BOD1L1; PTMS; C12orf57; ITGA3; EDF1; UQCRH; CLTB; CLTA; HAT1; P3H3; RPL37; CHCHD2; CFDP1; BICD2; MCFD2; C2orf49; DCUN1D3; SETD3; MRPL30; BRD9; COQ6; TAF10
YY1	22	2.141919	0.000494	NASP; YBX1; SRSF1; FUS; HMGN2; HMGB2; CAPRIN1; NACA; PTMA; TMSB4X; TAF15; PRKAR1A; PTMS; SRP9; CIRBP; CBX5; SRSF3; UQCRH; ATE1; EP300; MORF4L1; SETD3

ELK1	22	1.4204	0.055205	NCL; CTTN; SERPINE2; HDGF; MT2A; TGOLN2; EIF2B4; BOD1L1; C12orf57; LAMA4; PDCD4; UQCRH; CLTA; RRP15; HAT1; RPL37; CHCHD2; CFDP1; CHCHD5; COA3; COQ6; TNFAIP1
NRF1	22	1.384838	0.069105	PSAP; EIF4B; SSB; HSPE1; SRSF1; HNRNPDL; FUS; MARCKSL1; HMGN2; PTMA; TBCA; PAGE5; PDCD5; PDCD4; CIRBP; NDUFAB1; GAA; EWSR1; CBX5; OGT; CFDP1; ANLN
HNF4A	21	0.893119	0.753751	TPM3; SERPINE2; HDGF; HSPE1; HNRNPDL; FUS; MARCKSL1; HPCAL1; CTSD; CAPRIN1; CALM3; PTMS; SH3BGRL; CD74; CD59; ITGA1; ITGA3; UQCRH; ATE1; SETD3; WDR26
ETS1	19	0.976131	0.585392	CTTN; HMGB1; HDGF; OAT; CTSD; NACA; MT2A; SET; LGALS3BP; LAMA4; ITGA1; CLTB; RPL37; BICD2; DCUN1D3; NDUFA4; WDR26; IGHMBP2; FBXW4
E2F1	18	1.942968	0.004845	NCL; HDGF; NASP; EIF4B; SRSF1; HNRNPDL; FUS; MARCKSL1; HMGN2; CAPRIN1; PTMA; CD59; CBX5; CNBP; MCFD2; MORF4L1; SETD3; COA3
NFIC	17	1.068671	0.424774	SERPINE2; HDGF; MARCKSL1; HPCAL1; HMGB2; NUCKS1; PTMS; LAMA4; CD74; SQSTM1; CNBP; HMGN3; SDC2; HLA-C; EP300; KLK11; FBXW4
CTCF	17	0.836887	0.824411	HMGB1; HDGF; MARCKSL1; OAT; CALM3; TAF15; PTMS; SRP9; GAA; ATE1; PMF1-BGLAP; BICD2; ZRANB2; EP300; RIN1; PIP4K2A; FHAD1
PPARG	16	1.017819	0.511558	HDGF; S100A1; HSPE1; YBX1; SRSF1; HNRNPDL; FUS; MARCKSL1; HPCAL1; HMGN2; CTSD; CAPRIN1; PRKAR1A; ITGA1; ZRANB2; RCN3
ASCL2	16	1.36886	0.12195	HMGB1; TPM3; HNRNPDL; HMGN2; TMSB4X; SET; PRKAR1A; LAMA4; SH3BGRL; ITGA3; EDF1; TNPO2; HMGN3; DCUN1D3; PIP4K2A; FHAD1
RFX1	15	0.891455	0.72476	TPM3; NASP; HPCAL1; HMGN2; HMGB2; CAPRIN1; PRKAR1A; PTMS; CD74; NQO1; RIN1; MCFD2; WDR26; FHAD1; FBXW4
MYC	15	1.771409	0.021714	NCL; HMGB1; HDGF; SSB; HNRNPDL; FUS; HMGN2; PTMA; SET; PDCD5; GAA; EWSR1; TNPO2; ZRANB2; ANLN
MYF5	14	0.967453	0.595914	TPM3; NASP; FUS; HMGN2; CALM3; EIF2B4; LAMA4; ITGA3; EDF1; C11orf58; BICD2; NFU1; RIN1; FHAD1
TCF3	13	0.779172	0.869024	HNRNPDL; CALM3; LAMA4; ITGA1; ITGA3; RIN1; DCUN1D3; PIP4K2A; WDR26; ZNF740; TNFAIP1; FHAD1; XRRA1
FOS	13	0.950643	0.621148	CTTN; HDGF; MT2A; TMSB4X; TAF15; SQSTM1; NQO1; ATE1; CLTB; RIN1; ANLN; WDR26; FBXW4
FOSB	13	0.950643	0.621148	CTTN; HDGF; MT2A; TMSB4X; TAF15; SQSTM1; NQO1; ATE1; CLTB; RIN1; ANLN; WDR26; FBXW4
JUN	13	0.950643	0.621148	CTTN; HDGF; MT2A; TMSB4X; TAF15; SQSTM1; NQO1; ATE1; CLTB; RIN1; ANLN; WDR26; FBXW4

JUNB	13	0.950643	0.621148	CTTN; HDGF; MT2A; TMSB4X; TAF15; SQSTM1; NQO1; ATE1; CLTB; RIN1; ANLN; WDR26; FBXW4
JUND	13	0.950643	0.621148	CTTN; HDGF; MT2A; TMSB4X; TAF15; SQSTM1; NQO1; ATE1; CLTB; RIN1; ANLN; WDR26; FBXW4
MEF2A	12	0.838835	0.783434	SERPINE2; HDGF; OAT; OGT; CNBP; HAT1; ZRANB2; SETD3; PIP4K2A; ANLN; WDR26; MRPL30
POU2F1	12	0.696815	0.939054	SERPINE2; SSB; OAT; HPCAL1; TMSB4X; C12orf57; LAMA4; SH3BGRL; PDCD4; C11orf58; OGT; SETD3
ZFP161	12	1.353789	0.17589	PSAP; YBX1; HNRNPDL; HPCAL1; PTMA; CALM3; TBCA; GAA; ITGA3; SETD3; NDUFA4; PPP6R1
TFAP4	12	1.202546	0.295922	CTTN; TPM4; HDGF; HMGN2; CALM3; TMSB4X; LAMA4; SQSTM1; ITGA3; TNPO2; RIN1; TAF10
EHF	11	1.873953	0.033197	CTTN; HMGB1; NASP; HSPE1; HPCAL1; SH3BGRL; CLTA; CHCHD2; DCUN1D3; BRD9; COQ6
RREB1	11	0.660627	0.955527	HDGF; HPCAL1; HMGN2; CAPRIN1; CALM3; NUCKS1; C12orf57; CIRBP; P3H3; SETD3; WDR26
HENMT1	11	1.233473	0.279552	HMGB1; HPCAL1; HMGN2; CALM3; TMSB4X; PRKAR1A; SKP1; NDUFA4; PPP6R1; TNFAIP1; FHAD1
NHLH1	11	1.233473	0.279552	HMGB1; HPCAL1; HMGN2; CALM3; TMSB4X; PRKAR1A; SKP1; NDUFA4; PPP6R1; TNFAIP1; FHAD1
ETV7	10	1.223	0.302199	CTTN; NASP; HPCAL1; BOD1L1; HAT1; CFDP1; BICD2; RIN1; DCUN1D3; BRD9
RXRA	9	1.037523	0.50581	TPM3; SERPINE2; HDGF; MARCKSL1; CTSD; PRKAR1A; SH3BGRL; PIP4K2A; FHAD1
ATF1	9	1.113561	0.420477	TPM4; HPCAL1; PRKAR1A; SRSF3; CLTB; SDC2; ZNF740; TNFAIP1; TAF10
PLAU	9	1.113561	0.420477	TPM4; HPCAL1; PRKAR1A; SRSF3; CLTB; SDC2; ZNF740; TNFAIP1; TAF10
STRA13	9	2.011766	0.035614	PSAP; EIF4B; HSPE1; GAA; TCEAL3; TNPO2; CFDP1; TCEAL1; FHAD1
SOAT1	8	0.814116	0.777414	HMGB1; HSPE1; FUS; SH3BGRL; HAT1; WDR26; MRPL30; TNFAIP1
STAT1	8	0.814116	0.777414	HMGB1; HSPE1; FUS; SH3BGRL; HAT1; WDR26; MRPL30; TNFAIP1
NKX6-1	8	0.72912	0.869128	HMGB1; HPCAL1; CBX3; LAMA4; SH3BGRL; EWSR1; OGT; SETD3
NFE2	8	1.98183	0.049814	MT2A; TMSB4X; SQSTM1; NQO1; ATE1; CLTB; NFU1; ANLN
IRF1	7	1.107806	0.447684	HPCAL1; MT2A; SET; BOD1L1; TAF15; CD74; SETD3
ARID3A	7	0.718748	0.865416	TMSB4X; SET; LAMA4; UQCRH; OGT; FBXW4; TDRD9
NR5A1	7	0.795779	0.786672	PSAP; OAT; PTMS; NQO1; MCFD2; WDR26; FBXW4
SF1	7	0.795779	0.786672	PSAP; OAT; PTMS; NQO1; MCFD2; WDR26; FBXW4
HSF1	7	1.114679	0.441264	HMGB1; TPM4; PSAP; HSPE1; OGT; EP300; FHAD1

GSC	7	2.370497	0.028995	TPM3; HDGF; YBX1; OGT; PIP4K2A; WDR26; FBXW4
ESRRA	7	0.979752	0.578877	TPM3; SERPINE2; EIF4B; MARCKSL1; OGT; WDR26; FBXW4
ZIC1	7	1.639463	0.136721	FUS; NACA; CALM3; SQSTM1; OGT; CLTA; MORF4L1
NR1H3	6	0.755166	0.81539	TPM3; MARCKSL1; CTSD; PRKAR1A; SH3BGRL; SETD3
RORA	6	0.659478	0.901113	TPM3; HDGF; OAT; LAMA4; CNBP; FBXW4
HOXD8	6	0.949774	0.611617	HMGB1; LAMA4; SRSF3; SETD3; COA3; TDRD9
CACD	6	1.498563	0.213117	FUS; CAPRIN1; CALM3; NUCKS1; ITGA3; OGT
TCF12	6	0.700882	0.866501	HMGN2; LAMA4; SQSTM1; OGT; TNPO2; TAF10
INSM1	6	1.581644	0.180734	HMGB1; HDGF; NASP; SQSTM1; RCN3; FHAD1
ATF3	6	0.962833	0.598166	TPM3; TPM4; TMSB4X; CLTB; MORF4L1; TAF10
GFI1	6	1.395403	0.261778	SSB; ATE1; PMF1-BGLAP; ZRANB2; EP300; SETD3
ELF3	6	1.762606	0.126884	HMGB1; SH3BGRL; DCUN1D3; WDR26; COQ6; SOCS4
DLX3	5	1.55471	0.220829	HDGF; SSB; HPCAL1; SH3BGRL; ZRANB2
OTX2	5	1.981762	0.109612	HDGF; NACA; IL13RA2; C11orf58; OGT
FOXA1	5	0.798635	0.758327	TPM3; HDGF; ITGA3; HAT1; EP300
CREB1	5	0.659922	0.883532	HDGF; SRSF1; CLTB; TNFAIP1; TAF10
JDP2	5	0.841549	0.716411	TMSB4X; CLTB; SKP1; TNFAIP1; TAF10
NR4A2	5	0.616223	0.916021	MARCKSL1; OAT; NUCKS1; OGT; COA3
TEAD1	5	1.521553	0.233651	HDGF; FUS; HMGB2; ITGA3; FBXW4
DMBX1	5	1.744818	0.160595	TPM3; C11orf58; TNPO2; HAT1; PIP4K2A
SPI1	5	0.788824	0.767826	SERPINE2; TMSB4X; CLTA; RPL37; ANLN
HOXA5	5	0.700986	0.849239	FUS; C12orf57; SH3BGRL; ZRANB2; DCUN1D3
PBX1	5	0.866534	0.691943	HPCAL1; PDCD4; SDC2; SETD3; ANLN
TGIF1	5	0.620991	0.912707	CTTN; HNRNPDL; PRKAR1A; PDCD4; PIP4K2A
CRX	5	1.839806	0.137497	TPM3; HMGN2; TMSB4X; OGT; SETD3
HOXA9	5	0.880798	0.678018	YBX1; HPCAL1; SRSF3; HAT1; SOCS4
GATA1	5	0.882008	0.676839	TPM3; SRSF1; FUS; LAMA4; FBXW4
MAFB	4	1.460029	0.295206	CALM3; HAT1; SETD3; PIP4K2A
HNF1A	4	0.618458	0.894579	HSPE1; OGT; DCUN1D3; COA3
LHX3	4	0.424744	0.987481	SERPINE2; HPCAL1; SRP9; FHAD1
SRF	4	1.112411	0.488177	TPM3; TPM4; CAPRIN1; ANLN

FEV	4	0.977063	0.591025	HMGB1; TPM3; PSAP; ITGA1
NKX2-1	4	0.722838	0.811371	EWSR1; DCUN1D3; SETD3; WDR26
BACH1	4	0.793112	0.749891	HDGF; SQSTM1; RIN1; ANLN
HOXB4	4	0.715791	0.817385	OAT; TMSB4X; OGT; FHAD1
ONECUT1	4	0.911233	0.646133	SERPINE2; CFDP1; EP300; TAF10
PAX7	4	1.100501	0.496598	OAT; ATE1; OGT; TDRD9
ELF2	4	0.658895	0.864109	FUS; HPCAL1; UQCRH; BICD2
ESR1	4	0.738416	0.797949	TPM3; CTSD; MT2A; BICD2
NR6A1	4	0.66832	0.856638	SERPINE2; TMSB4X; ZRANB2; FHAD1
RAB40B	4	0.637641	0.880468	TPM3; FUS; OAT; UQCRH
RARA	4	0.637641	0.880468	TPM3; FUS; OAT; UQCRH
FOXC1	4	1.707401	0.208647	HMGB1; TPM3; FUS; SET
POU5F1	4	1.377831	0.33226	SET; LAMA4; HMG3; ZRANB2
BACH2	4	0.81837	0.727485	TAF15; RIN1; WDR26; FBXW4
TAL1	4	0.461761	0.977622	CAPRIN1; LAMA4; WDR26; ZNF740
LMO2	4	0.842519	0.706093	HDGF; HNRNPDL; HAT1; RIN1
ATF4	4	1.631519	0.231702	PSAP; PTMA; PRKAR1A; DCUN1D3
SPDEF	4	2.719141	0.060591	CTTN; NASP; CHCHD2; SOCS4
PITX3	3	1.455715	0.341783	TPM3; HMG2; FBXW4
HERPUD1	3	0.916318	0.642099	HAT1; MCFD2; MORF4L1
MAF	3	0.827834	0.709034	PSAP; SQSTM1; NQO1
OTX1	3	0.454923	0.96473	ITGA1; IL13RA2; OGT
PITX1	3	0.454923	0.96473	ITGA1; IL13RA2; OGT
NR5A2	3	0.793768	0.735576	FUS; CALM3; COA3
TFAP2A	3	1.49521	0.326819	HMGB1; PTMA; CFDP1
ARNT	3	0.957244	0.612519	EIF4B; HMG2; GAA
PRRX2	3	0.646185	0.849863	TMSB4X; SH3BGRL; OGT
VSX2	3	0.648357	0.848251	PDCD4; OGT; FHAD1
CUX1	3	1.102194	0.516587	PSAP; HPCAL1; ITGA1
HOXB13	3	0.733406	0.782951	HPCAL1; HAT1; SDC2
POU6F1	3	0.588967	0.89057	NFU1; SETD3; FBXW4

BARHL1	3	0.757901	0.763726	HPCAL1; EWSR1; OGT
GBX2	3	1.277372	0.420071	HPCAL1; PDCD4; FHAD1
LHX4	3	0.984105	0.593668	HPCAL1; PDCD4; CBX5
ISX	3	1.455715	0.341783	PDCD4; CBX5; C11orf58
MNX1	3	1.240407	0.438716	PRKAR1A; LAMA4; OGT
ESR2	3	0.831402	0.706272	TPM3; HDGF; SQSTM1
NOBOX	3	0.621212	0.868076	SRSF1; LAMA4; NQO1
RUNX2	3	1.224656	0.446932	HDGF; PSAP; FUS
ZNF143	3	0.624228	0.865909	SRSF1; CFDP1; COA3
CDX2	3	1.524758	0.316131	HAT1; PIP4K2A; FBXW4
FOXJ2	3	1.290188	0.413812	ITGA3; CNBP; HAT1
ELF1	3	0.65944	0.839971	SERPINE2; PSAP; FUS
TLX2	3	6.428579	0.011472	HDGF; CBX5; TNPO2
HOXC9	2	0.449579	0.94141	OAT; UQCRH
POU3F2	2	0.326502	0.986765	ATE1; OGT
MEIS2	2	0.48882	0.92069	HNRNPDL; PIP4K2A
BARX1	2	0.674363	0.802832	HMGB1; TNFAIP1
HOXA3	2	0.449579	0.94141	PDCD4; SRSF3
POU4F3	2	0.374977	0.972953	NUCKS1; LAMA4
VAX2	2	0.593565	0.85653	PRKAR1A; TDRD9
ZNF238	2	0.322416	0.987673	OGT; ZRANB2
ZNF513	2	0.322416	0.987673	OGT; ZRANB2
FOXD1	2	0.771274	0.738345	TPM3; HDGF
HOXA7	2	0.48882	0.92069	HPCAL1; TDRD9
PRRX1	2	0.662228	0.81097	SH3BGRL; OGT
REST	2	0.336745	0.984314	PSAP; PIP4K2A
SOX1	2	0.933347	0.637648	HMGB1; PTMA
EBF1	2	1.256589	0.476919	HDGF; EWSR1
HOXA13	2	0.833673	0.698197	HMGB1; IL13RA2
HOXB9	2	0.479718	0.925706	HAT1; FBXW4
PDX1	2	0.69249	0.790672	SERPINE2; NUCKS1

EOMES	2	0.885238	0.666266	NUCKS1; CHCHD2
T	2	5.59907	0.050001	FUS; CAPRIN1
TBX5	2	1.262748	0.474367	CAPRIN1; FBXW4
E4F1	2	1.63036	0.349897	PTMA; SRSF3
PATZ1	2	6.777512	0.035349	SRSF1; FUS
DLX2	1	0.756958	0.739949	HMGB1
PHOX2A	1	0.292861	0.970197	ATE1
NANOG	1	0.634515	0.799826	EP300
BSX	1	0.482995	0.879696	HMGB1
GBX1	1	0.650457	0.791722	HMGB1
POU3F4	1	0.353672	0.945066	SERPINE2
DBX2	1	0.317265	0.960804	HMGB1
HOXB7	1	0.333619	0.953964	NUCKS1
LHX8	1	0.580456	0.827869	PDCD4
PAX6	1	0.232397	0.988256	SERPINE2
ZEB1	1	0.322804	0.958533	MARCKSL1
MSX2	1	0.37629	0.934467	OGT
ISL2	1	0.251349	0.983485	HAT1
FOXO1	1	0.67417	0.779827	UQCRH
HMX1	1	0.539342	0.849637	SETD3
HOXD10	1	2.69626	0.313765	HAT1
ITGAL	1	0.727192	0.75398	YBX1
ESX1	1	0.486626	0.877762	PRKAR1A
DLX5	1	0.588371	0.823715	OGT
HOXC10	1	1.597919	0.470645	UQCRH
HOXA10	1	6.469138	0.145078	HAT1
PAX5	1	0.868716	0.690482	CALM3
CEBPD	1	1.145451	0.588659	SETD3
CEBPA	1	43.00579	0.023225	FUS

Table S3: Identification transcription factors regulating proteins differentially expressed with Yashtimadhu co-treatment

Transcription factor	No. of genes	Fold enrichment	P-value (Hypergeometric test)	Genes mapped
SP1	39	1.22534931	0.052255	NCL; CTTN; HMGB1; TPM3; HDGF; PSAP; NASP; EIF4B; SOD1; HSPE1; SRSF1; FUS; MARCKSL1; OAT; HPCAL1; HMGN2; HMGB2; CALM3; TMSB4X; SET; NUCKS1; TAF15; PTMS; SH3BGRL; PDCD5; CD59; CIRBP; GAA; ITGA3; EWSR1; UAP1L1; RRP15; SKP1; CHCHD2; TCEAL1; ANLN; KLK11; CD63; LRRC14
KLF7	31	1.56357526	0.00292	NCL; HMGB1; TPM3; HDGF; PSAP; NASP; EIF4B; SOD1; HSPE1; FUS; MARCKSL1; OAT; HMGN2; HMGB2; NUCKS1; PTMS; PDCD5; CD59; CIRBP; GAA; EWSR1; UQCRH; CLTB; UAP1L1; RRP15; SKP1; BICD2; TCEAL1; MORF4L1; BRD9; CD63
SP4	21	1.08447127	0.374024	TPM4; HDGF; NASP; EIF4B; SOD1; FUS; OAT; HMGN2; HMGB2; SET; NUCKS1; PTMS; CD59; CIRBP; ITGA3; CLTB; UAP1L1; TCEAL1; MORF4L1; ANLN; LRRC14
EGR1	20	1.39587825	0.065765	HDGF; NASP; EIF4B; SRSF1; FUS; MARCKSL1; OAT; HMGN2; HMGB2; NACA; SET; NUCKS1; TAF15; PRKAR1A; PTMS; CIRBP; EWSR1; CNBP; SKP1; TCEAL1
NFYA	17	1.4995753	0.051564	HMGB1; NASP; OAT; HMGB2; CALM3; SET; NUCKS1; TAF15; PRKAR1A; C12orf57; CIRBP; CNBP; CLTA; HLA-C; ZRANB2; XRRA1; LRRC14
GABPA	16	1.32888427	0.136734	NCL; CTTN; NASP; TGOLN2; PTMS; C12orf57; ITGA3; UQCRH; CLTB; CLTA; RPL37; CHCHD2; BICD2; C2orf49; BRD9; LRRC14
YY1	15	2.55607975	0.000569	NASP; SRSF1; FUS; HMGN2; HMGB2; CAPRIN1; NACA; TMSB4X; TAF15; PRKAR1A; PTMS; CIRBP; SRSF3; UQCRH; MORF4L1
NRF1	15	1.65260975	0.032502	PSAP; EIF4B; SSB; HSPE1; SRSF1; FUS; MARCKSL1; HMGN2; TBCA; PAGE5; PDCD5; CIRBP; GAA; EWSR1; ANLN
HNF4A	13	0.96776814	0.601952	TPM3; HDGF; HSPE1; FUS; MARCKSL1; HPCAL1; CAPRIN1; CALM3; PTMS; SH3BGRL; CD59; ITGA3; UQCRH
MYC	13	2.68674378	0.000893	NCL; HMGB1; HDGF; SSB; FUS; HMGN2; SET; PDCD5; GAA; EWSR1; ZRANB2; ANLN; CD63
ETS1	12	1.07914416	0.437049	CTTN; HMGB1; HDGF; OAT; NACA; MT2A; SET; LGALS3BP; CLTB; RPL37; BICD2; CD63

ELK1	12	1.35626438	0.168074	NCL; CTTN; HDGF; MT2A; TGOLN2; C12orf57; UQCRH; CLTA; RRP15; RPL37; CHCHD2; TNFAIP1
E2F1	12	2.26728279	0.005828	NCL; HDGF; NASP; EIF4B; SRSF1; FUS; MARCKSL1; HMGN2; CAPRIN1; CD59; CNBP; MORF4L1
PPARG	11	1.22483452	0.283222	HDGF; S100A1; HSPE1; SRSF1; FUS; MARCKSL1; HPCAL1; HMGN2; CAPRIN1; PRKAR1A; ZRANB2
NFIC	10	1.1004861	0.425745	HDGF; MARCKSL1; HPCAL1; HMGB2; NUCKS1; PTMS; CNBP; SDC2; HLA-C; KLK11
CTCF	10	0.86180193	0.746327	HMGB1; HDGF; MARCKSL1; OAT; CALM3; TAF15; PTMS; GAA; BICD2; ZRANB2
EHF	9	2.6835323	0.006012	CTTN; HMGB1; NASP; HSPE1; HPCAL1; SH3BGRL; CLTA; CHCHD2; BRD9
RREB1	9	0.94602865	0.625636	HDGF; HPCAL1; HMGN2; CAPRIN1; CALM3; NUCKS1; C12orf57; CIRBP; CD63
ASCL2	9	1.34804081	0.221454	HMGB1; TPM3; HMGN2; TMSB4X; SET; PRKAR1A; SH3BGRL; ITGA3; CD63
HENMT1	9	1.76635402	0.06659	HMGB1; HPCAL1; HMGN2; CALM3; TMSB4X; PRKAR1A; SKP1; TNFAIP1; CD63
NHLH1	9	1.76635402	0.06659	HMGB1; HPCAL1; HMGN2; CALM3; TMSB4X; PRKAR1A; SKP1; TNFAIP1; CD63
RFX1	8	0.83245706	0.764293	TPM3; NASP; HPCAL1; HMGN2; HMGB2; CAPRIN1; PRKAR1A; PTMS
FOS	8	1.02419637	0.528994	CTTN; HDGF; MT2A; TMSB4X; TAF15; CLTB; ANLN; CD63
FOSB	8	1.02419637	0.528994	CTTN; HDGF; MT2A; TMSB4X; TAF15; CLTB; ANLN; CD63
JUN	8	1.02419637	0.528994	CTTN; HDGF; MT2A; TMSB4X; TAF15; CLTB; ANLN; CD63
JUNB	8	1.02419637	0.528994	CTTN; HDGF; MT2A; TMSB4X; TAF15; CLTB; ANLN; CD63
JUND	8	1.02419637	0.528994	CTTN; HDGF; MT2A; TMSB4X; TAF15; CLTB; ANLN; CD63
TFAP4	8	1.40346612	0.20868	CTTN; TPM4; HDGF; HMGN2; CALM3; TMSB4X; ITGA3; CD63
ATF1	7	1.51606511	0.177996	TPM4; HPCAL1; PRKAR1A; SRSF3; CLTB; SDC2; TNFAIP1
PLAU	7	1.51606511	0.177996	TPM4; HPCAL1; PRKAR1A; SRSF3; CLTB; SDC2; TNFAIP1
MYF5	7	0.84707231	0.736337	TPM3; NASP; FUS; HMGN2; CALM3; ITGA3; BICD2
MEF2A	6	0.73454569	0.842483	HDGF; OAT; CNBP; ZRANB2; ANLN; PHLDA3
POU2F1	6	0.61018225	0.94182	SSB; OAT; HPCAL1; TMSB4X; C12orf57; SH3BGRL
ETV7	6	1.28492454	0.325223	CTTN; NASP; HPCAL1; BICD2; BRD9; CD63
ZFP161	6	1.18547655	0.396516	PSAP; HPCAL1; CALM3; TBCA; GAA; ITGA3
RXRA	5	1.00953514	0.559629	TPM3; HDGF; MARCKSL1; PRKAR1A; SH3BGRL
SOAT1	5	0.8910498	0.672235	HMGB1; HSPE1; FUS; SH3BGRL; TNFAIP1
STAT1	5	0.8910498	0.672235	HMGB1; HSPE1; FUS; SH3BGRL; TNFAIP1
DLX3	5	2.72057021	0.036862	HDGF; SSB; HPCAL1; SH3BGRL; ZRANB2

TCF3	5	0.52505488	0.97046	CALM3; ITGA3; TNFAIP1; XRRA1; LRRC14
CACD	5	2.18599386	0.078894	FUS; CAPRIN1; CALM3; NUCKS1; ITGA3
ATF3	5	1.40451082	0.284652	TPM3; TPM4; TMSB4X; CLTB; MORF4L1
STRA13	5	1.95749674	0.112524	PSAP; EIF4B; HSPE1; GAA; TCEAL1
ZIC1	5	2.05036898	0.097188	FUS; NACA; CALM3; CLTA; MORF4L1
NR1H3	4	0.88170382	0.675089	TPM3; MARCKSL1; PRKAR1A; SH3BGRL
IRF1	4	1.10892186	0.491919	HPCAL1; MT2A; SET; TAF15
NKX6-1	4	0.63873603	0.884398	HMGB1; HPCAL1; SH3BGRL; EWSR1
SRF	4	1.94659578	0.150674	TPM3; TPM4; CAPRIN1; ANLN
CREB1	4	0.92429339	0.637974	HDGF; SRSF1; CLTB; TNFAIP1
JDP2	4	1.17868274	0.444397	TMSB4X; CLTB; SKP1; TNFAIP1
RORA	4	0.76998203	0.774748	TPM3; HDGF; OAT; CNBP
HSF1	4	1.11580094	0.487037	HMGB1; TPM4; PSAP; HSPE1
TEAD1	4	2.13110285	0.11901	HDGF; FUS; HMGB2; ITGA3
ARNT	4	2.23157419	0.105124	EIF4B; HMGN2; GAA; CD63
ELF2	4	1.15299383	0.461385	FUS; HPCAL1; UQCRH; BICD2
RAB40B	4	1.11580094	0.487037	TPM3; FUS; OAT; UQCRH
RARA	4	1.11580094	0.487037	TPM3; FUS; OAT; UQCRH
SPI1	4	1.10483497	0.494839	TMSB4X; CLTA; RPL37; ANLN
FOXC1	4	2.98776358	0.045265	HMGB1; TPM3; FUS; SET
HOXA5	4	0.98180884	0.589584	FUS; C12orf57; SH3BGRL; ZRANB2
NFE2	4	1.73615705	0.199738	MT2A; TMSB4X; CLTB; ANLN
OTX2	3	2.08348732	0.175533	HDGF; NACA; IL13RA2
ARID3A	3	0.54005226	0.925169	TMSB4X; SET; UQCRH
FOXA1	3	0.83962976	0.702733	TPM3; HDGF; ITGA3
FEV	3	1.28338002	0.417624	HMGB1; TPM3; PSAP
NR5A1	3	0.59793157	0.888079	PSAP; OAT; PTMS
SF1	3	0.59793157	0.888079	PSAP; OAT; PTMS
NR4A2	3	0.64785436	0.852283	MARCKSL1; OAT; NUCKS1
ESRRA	3	0.73616507	0.784184	TPM3; EIF4B; MARCKSL1
ESR1	3	0.96991527	0.605555	TPM3; MT2A; BICD2

PBX1	3	0.91101433	0.64836	HPCAL1; SDC2; ANLN
CRX	3	1.93424465	0.203704	TPM3; HMGN2; TMSB4X
ESR2	3	1.45486245	0.342169	TPM3; HDGF; PHLDA3
INSM1	3	1.38615373	0.370346	HMGB1; HDGF; NASP
RUNX2	3	2.14301364	0.165686	HDGF; PSAP; FUS
GATA1	3	0.92728222	0.63633	TPM3; SRSF1; FUS
SPDEF	3	3.57161381	0.052238	CTTN; NASP; CHCHD2
PITX3	2	1.70104803	0.331347	TPM3; HMGN2
HOXC9	2	0.78671356	0.73028	OAT; UQCRH
BACH1	2	0.69566016	0.790845	HDGF; ANLN
HOXB4	2	0.62783908	0.836397	OAT; TMSB4X
NR5A2	2	0.9275421	0.642552	FUS; CALM3
BARX1	2	1.18006004	0.510931	HMGB1; TNFAIP1
GSC	2	1.18940064	0.506705	TPM3; HDGF
HOXD8	2	0.55584362	0.88322	HMGB1; SRSF3
PRRX2	2	0.75508741	0.751092	TMSB4X; SH3BGRL
CUX1	2	1.28794817	0.464696	PSAP; HPCAL1
HOXB13	2	0.85700792	0.68535	HPCAL1; SDC2
FOXD1	2	1.34964443	0.440664	TPM3; HDGF
BARHL1	2	0.88563041	0.667685	HPCAL1; EWSR1
NR6A1	2	0.5862014	0.863819	TMSB4X; ZRANB2
POU5F1	2	1.20853258	0.498184	SET; ZRANB2
TGIF1	2	0.43596748	0.950105	CTTN; PRKAR1A
EBF1	2	2.19889146	0.232311	HDGF; EWSR1
HOXA13	2	1.45883543	0.402017	HMGB1; IL13RA2
TAL1	2	0.40502308	0.963528	CAPRIN1; CD63
HOXA9	2	0.61836564	0.842696	HPCAL1; SRSF3
GFI1	2	0.81664234	0.710903	SSB; ZRANB2
EOMES	2	1.54906958	0.37346	NUCKS1; CHCHD2
T	2	9.79775565	0.017865	FUS; CAPRIN1
FOXJ2	2	1.50762429	0.386221	ITGA3; CNBP

ELF1	2	0.77057612	0.740861	PSAP; FUS
ATF4	2	1.43104897	0.411406	PSAP; PRKAR1A
ELF3	2	1.0315433	0.5842	HMGB1; SH3BGRL
PATZ1	2	11.8598984	0.012415	SRSF1; FUS
MAFB	1	0.64350089	0.796318	CALM3
DLX2	1	1.32459358	0.53622	HMGB1
HNF1A	1	0.27258246	0.97803	HSPE1
LHX3	1	0.18720403	0.996423	HPCAL1
HERPUD1	1	0.5380365	0.851552	MORF4L1
MAF	1	0.4860813	0.87932	PSAP
OTX1	1	0.26711802	0.979727	IL13RA2
PITX1	1	0.26711802	0.979727	IL13RA2
NKX2-1	1	0.31858729	0.961354	EWSR1
MEIS2	1	0.42981869	0.90895	LRRC14
TFAP2A	1	0.87794562	0.687333	HMGB1
BSX	1	0.84518767	0.70123	HMGB1
DMBX1	1	0.61552335	0.810698	TPM3
HOXA3	1	0.39531378	0.926435	SRSF3
PAX7	1	0.48504047	0.879875	OAT
POU4F3	1	0.32971681	0.956757	NUCKS1
VAX2	1	0.52192057	0.860163	PRKAR1A
ZNF238	1	0.28349927	0.974448	ZRANB2
ZNF513	1	0.28349927	0.974448	ZRANB2
GBX1	1	1.13822797	0.591387	HMGB1
GBX2	1	0.75003725	0.74408	HPCAL1
LHX4	1	0.57783921	0.830413	HPCAL1
TCF12	1	0.20611164	0.993882	HMGN2
DBX2	1	0.5551794	0.842418	HMGB1
HOXA7	1	0.42981869	0.90895	HPCAL1
HOXB7	1	0.58379616	0.827274	NUCKS1
MNX1	1	0.72833269	0.75437	PRKAR1A

PRRX1	1	0.58229544	0.828064	SH3BGRL
REST	1	0.29609907	0.97001	PSAP
SOX1	1	0.82069037	0.711908	HMGB1
ZEB1	1	0.56487057	0.837272	MARCKSL1
BACH2	1	0.3606929	0.94304	TAF15
NOBOX	1	0.36475862	0.941152	SRSF1
LMO2	1	0.37133612	0.938059	HDGF
ZNF143	1	0.36652926	0.940324	SRSF1
FOXO1	1	1.17972371	0.578234	UQCRH
PDX1	1	0.608905	0.814134	NUCKS1
TBX5	1	1.1103316	0.600534	CAPRIN1
E4F1	1	1.43357223	0.508173	SRSF3
ESX1	1	0.85154223	0.6985	PRKAR1A
TLX2	1	3.77468336	0.235557	HDGF
HOXC10	1	2.79618255	0.304324	UQCRH
PAX5	1	1.52015803	0.487783	CALM3
CEBPA	1	75.2553982	0.013316	FUS

Table S4: Protein-protein interaction analysis using STRING

Node1	Node2	Node1_external_id	Node2_external_id	Combined score	Experimentally determined interaction
SRSF3	SRSF1	9606.ENSP00000362820	9606.ENSP00000258962	0.999	0.883
HMGB1	HMGB2	9606.ENSP00000345347	9606.ENSP00000296503	0.998	0.976
CLTB	CLTA	9606.ENSP00000309415	9606.ENSP00000242285	0.953	0.551
SET	HMGB2	9606.ENSP00000361777	9606.ENSP00000296503	0.946	0.379
TPM3	TPM4	9606.ENSP00000357516	9606.ENSP00000345230	0.937	0.387
TAF15	SRSF1	9606.ENSP00000474096	9606.ENSP00000258962	0.936	0
SRSF1	FUS	9606.ENSP00000258962	9606.ENSP00000254108	0.918	0
SRSF3	FUS	9606.ENSP00000362820	9606.ENSP00000254108	0.916	0
SSB	SRSF3	9606.ENSP00000386636	9606.ENSP00000362820	0.91	0
CD63	PSAP	9606.ENSP00000447730	9606.ENSP00000378394	0.906	0
EIF4B	RPL37	9606.ENSP00000388806	9606.ENSP00000274242	0.906	0
PSAP	GAA	9606.ENSP00000378394	9606.ENSP00000305692	0.906	0
CALU	SDC2	9606.ENSP00000438248	9606.ENSP00000307046	0.905	0
HLA-C	MT2A	9606.ENSP00000365402	9606.ENSP00000245185	0.903	0
CTTN	CLTA	9606.ENSP00000365745	9606.ENSP00000242285	0.902	0
CTTN	CLTB	9606.ENSP00000365745	9606.ENSP00000309415	0.902	0
CALU	TGOLN2	9606.ENSP00000438248	9606.ENSP00000386443	0.902	0.068
CD59	GAA	9606.ENSP00000379191	9606.ENSP00000305692	0.9	0
TGOLN2	CLTA	9606.ENSP00000386443	9606.ENSP00000242285	0.9	0
TGOLN2	CTTN	9606.ENSP00000386443	9606.ENSP00000365745	0.9	0
TGOLN2	SDC2	9606.ENSP00000386443	9606.ENSP00000307046	0.9	0
TGOLN2	CLTB	9606.ENSP00000386443	9606.ENSP00000309415	0.9	0
CD63	GAA	9606.ENSP00000447730	9606.ENSP00000305692	0.9	0
SSB	SRSF1	9606.ENSP00000386636	9606.ENSP00000258962	0.877	0.161

C2orf49	FUS	9606.ENSP00000258457	9606.ENSP00000254108	0.859	0.855
CIRBP	SRSF3	9606.ENSP00000466897	9606.ENSP00000362820	0.851	0.844
ATPIF1	GAA	9606.ENSP00000335203	9606.ENSP00000305692	0.847	0.847
CNBP	EIF4B	9606.ENSP00000410769	9606.ENSP00000388806	0.814	0.085
SSB	NCL	9606.ENSP00000386636	9606.ENSP00000318195	0.745	0.545
TAF15	SRSF3	9606.ENSP00000474096	9606.ENSP00000362820	0.734	0
SOD1	HSPE1	9606.ENSP00000270142	9606.ENSP00000233893	0.726	0.363

Table S5: Lead metabolites identified in Yashtimadhu choorna

Compound	Molecular Formula	PUBCHEM CID	Precursor mass, m/z (Da)	Average Retention time, min	Polarity	Adduct	Average Peak intensity	Average Peak area	Fragment mass, (Da)	% Abundance	Canonical SMILES ID
Glycyrrhizic acid	C42H62O16	3495	821.40	13.34	-	[M-H]-	1.08E+08	1.14E+09	351.24; 469.08; 627.12; 759.12	0.234	<chem>CC1(C2CCC3(C(C2(CCC1OC4C(C(C(C(O4)C(=O)O)O)O)OC5C(C(C(C(O5)C(=O)O)O)O)O)C)C(=O)C=C6C3(CCC7(C6CC(CC7)(C)C(=O)O)C)C)C</chem>
Glabridin	C20H20O4	124052	323.52	14.64	-	[M-H]-	9.28E+06	1.19E+08	109.02; 135.24; 201.24	0.024	<chem>CC1(C=CC2=C(O1)C=CC3=C2OCC(C3)C4=C(C=C(C=C4)O)O)C</chem>
Licoricesaponin G2	C42H62O17	14891565	839.40	12.55	+	[M+H]+	1.99E+08	2.05E+09	469.20; 487.20; 451.32	0.226	<chem>CC12CCC(CC1C3=CC(=O)C4C5(CCC(C(C5C)CC4(C3(CC2)C)C)(C)CO)OC6C(C(C(C(O6)C(=O)O)O)O)OC7C(C(C(C(O7)C(=O)O)O)O)O)C(C)C(=O)O</chem>
Liquiritin apioside	C26H30O13	10076238	551.76	11.98	+	[M+H]+	4.50E+07	3.01E+08	256.68; 418.92; 137.28	0.033	<chem>C1C(OC2=C(C1=O)C=CC(=C2)O)C3=CC=C(C=C3)OC4C(C(C(C(O4)CO)O)O)OC5C(C(CO5)(CO)O)O</chem>