

Supplementary Table 1: List of all significantly differentially expressed proteins

Gene symbol and protein name	Accession number	Normalized spectral counts				Fold change	P-value
		Arachnoidal cells in duplo		Meningioma cells in duplo			
PRKDC Isoform 1 of DNA-dependent protein kinase catalytic subunit	IPI00296337	53	54	192	184	3,511	0,00002
FER1L3 Isoform 1 of Myoferlin	IPI00021048	159	160	46	44	-3,573	0,00002
MX1 Interferon-induced GTP-binding protein Mx1	IPI00167949	0	0	52	55	100,000	0,00005
KIAA1618 Isoform 1 of Protein ALO17	IPI00642126	1	0	50	49	101,119	0,00007
LMO7 Isoform 3 of LIM domain only protein 7	IPI00291802	62	66	8	12	-6,275	0,00008
SPTBN1 Isoform Long of Spectrin beta chain, brain 1	IPI00005614	224	216	119	116	-1,871	0,00011
TLN1 Talin-1	IPI00784273	237	219	120	115	-1,937	0,00012
SPTAN1 Isoform 1 of Spectrin alpha chain, brain	IPI00844215	239	230	136	136	-1,727	0,00016
MCM2 DNA replication licensing factor MCM2	IPI00184330	0	0	23	22	100,000	0,00017
KRT7 Keratin, type II cytoskeletal 7	IPI00306959	37	29	2	1	-21,379	0,00018
FN1 fibronectin 1 isoform 4 preproprotein	IPI00414283	94	82	30	29	-2,942	0,00018
MCM3 DNA replication licensing factor MCM3	IPI00013214	0	0	21	20	100,000	0,00019
GLS Isoform KGA of Glutaminase kidney isoform, mitochondrial precursor	IPI00289159	17	18	0	0	-100,000	0,00025
MCM7 Isoform 1 of DNA replication licensing factor MCM7	IPI00299904	0	0	21	17	100,000	0,00026
MYH10 Isoform 1 of Myosin-10	IPI00397526	10	12	43	45	4,075	0,00026
MCM4 DNA replication licensing factor MCM4	IPI00018349	0	0	19	16	100,000	0,00027
COL12A1 Isoform 1 of Collagen alpha-1(XII) chain precursor	IPI00329573	10	11	44	56	4,864	0,00027
RANBP2 E3 SUMO-protein ligase RanBP2	IPI00221325	1	1	35	24	30,677	0,00030
CSE1L Isoform 1 of Exportin-2	IPI00022744	7	4	32	32	6,038	0,00035
SAMHD1 SAM domain and HD domain-containing protein 1	IPI00294739	0	0	14	15	100,000	0,00035
SLC4A7 137 kDa protein	IPI00328342	21	19	1	0	-39,209	0,00036
MCM5 DNA replication licensing factor MCM5	IPI00018350	0	0	16	13	100,000	0,00037
GMPS GMP synthase	IPI00029079	1	2	20	18	13,024	0,00042
LMNB1 Lamin-B1	IPI00217975	0	1	19	17	37,002	0,00045
UBR4 Isoform 3 of Zinc finger UBR1-type protein 1	IPI00646605	17	19	50	58	2,990	0,00046
RECQL ATP-dependent DNA helicase Q1	IPI00178431	0	0	11	14	100,000	0,00047
SDCBP Syntenin isoform 3	IPI00479018	12	11	0	0	-100,000	0,00050
NEK7 Serine/threonine-protein kinase Nek7	IPI00152658	12	11	0	0	-100,000	0,00050
IFITM3 Interferon-induced transmembrane protein 3	IPI00303726	5	6	37	27	5,959	0,00051
MCM6 DNA replication licensing factor MCM6	IPI00031517	1	0	17	16	33,706	0,00052
OAS3 2'-5'-oligoadenylate synthetase 3	IPI00002405	0	0	10	11	100,000	0,00054
VARS Valyl-tRNA synthetase	IPI00000873	33	35	7	10	-3,913	0,00054
SYNE2 Isoform 1 of Nesprin-2	IPI00239405	0	0	20	13	100,000	0,00055
EPPK1 Epiplakin	IPI00010951	0	0	16	11	100,000	0,00056
CDC2 Hypothetical protein DKFZp686L20222	IPI00026689	0	0	10	10	100,000	0,00058
MAP1A 331 kDa protein	IPI00020356	57	61	20	25	-2,612	0,00059
UTRN Utrophin	IPI00009329	15	15	43	55	3,334	0,00060
GALNT1 Isoform 1 of Polypeptide N-acetylgalactosaminyltransferase 1	IPI00025818	10	13	0	0	-100,000	0,00060
MAP1B Microtubule-associated protein 1B	IPI00008868	145	134	77	84	-1,734	0,00062
HMGB2 High mobility group protein B2	IPI00219097	0	0	9	10	100,000	0,00064
XRCC6 70 kDa protein	IPI00465430	11	15	41	39	3,166	0,00067
VCL Isoform 1 of Vinculin	IPI00291175	131	130	78	79	-1,661	0,00069
ITGA2 Integrin alpha-2 precursor	IPI00013744	10	9	0	0	-100,000	0,00070
RPA1 Replication protein A 70 kDa DNA-binding subunit	IPI00020127	0	0	10	16	100,000	0,00074
ANXA1 Annexin A1	IPI00218918	98	101	48	57	-1,898	0,00074
ANPEP Aminopeptidase N	IPI00221224	14	14	0	1	-26,955	0,00074
AARS Alanyl-tRNA synthetase, cytoplasmic	IPI00027442	15	14	40	39	2,801	0,00076
CLDN11 Claudin-11	IPI00026053	0	0	9	8	100,000	0,00080
SERPINE1 Plasminogen activator inhibitor 1 precursor	IPI00007118	10	8	0	0	-100,000	0,00084
PARP1 Poly [ADP-ribose] polymerase 1	IPI00449049	0	1	15	12	27,508	0,00089

ICAM1 Intercellular adhesion molecule 1 precursor	IPI00008494	1	1	13	12	12,660	0,00089
AKAP12 Isoform 1 of A-kinase anchor protein 12	IPI00237884	66	72	29	35	-2,140	0,00090
APOB Apolipoprotein B-100 precursor	IPI00022229	14	17	2	1	-9,743	0,00094
CNN1 Calponin-1	IPI00021264	1	4	20	24	9,066	0,00096
SRRM2 Isoform 1 of Serine/arginine repetitive matrix protein 2	IPI00782992	0	0	13	8	100,000	0,00096
NASP Isoform 1 of Nuclear autoantigenic sperm protein	IPI00179953	0	0	7	8	100,000	0,00097
LRPPRC Leucine-rich PPR motif-containing protein	IPI00783271	56	58	26	27	-2,134	0,00100
AKR1C3 Aldo-keto reductase family 1 member C3	IPI00291483	7	8	0	0	-100,000	0,00106
NUP93 Nuclear pore complex protein Nup93	IPI00397904	0	1	13	11	24,321	0,00107
SMC4 Isoform 1 of Structural maintenance of chromosomes protein 4	IPI00411559	0	0	7	7	100,000	0,00107
ATP5B ATP synthase subunit beta, mitochondrial precursor	IPI00303476	77	82	45	39	-1,883	0,00110
HSPB6 Heat-shock protein beta-6	IPI00022433	10	7	0	0	-100,000	0,00110
CRYAB Alpha-crystallin B chain	IPI00021369	11	15	1	1	-12,319	0,00117
PHGDH D-3-phosphoglycerate dehydrogenase	IPI00011200	3	3	24	16	6,877	0,00119
HYOU1 Hypoxia up-regulated protein 1 precursor	IPI00000877	53	53	26	24	-2,108	0,00121
MCAM Isoform 1 of Cell surface glycoprotein MUC18 precursor	IPI00016334	0	0	6	8	100,000	0,00122
FEN1 Flap endonuclease 1	IPI00026215	0	0	6	8	100,000	0,00122
RRM1 Ribonucleoside-diphosphate reductase large subunit	IPI00013871	0	0	6	9	100,000	0,00127
FXR1 Isoform 1 of Fragile X mental retardation syndrome-related protein 1	IPI00016249	0	0	7	6	100,000	0,00130
PPIB peptidylprolyl isomerase B precursor	IPI00646304	52	64	25	25	-2,302	0,00130
KCTD12 BTB/POZ domain-containing protein KCTD12	IPI00060715	8	6	0	0	-100,000	0,00136
ANXA2 annexin A2 isoform 1	IPI00418169	164	133	57	75	-2,246	0,00141
TPR Nucleoprotein TPR	IPI00022970	9	7	25	34	3,814	0,00141
CRABP2 Cellular retinoic acid-binding protein 2	IPI00216088	0	0	6	6	100,000	0,00142
AADACL1 arylacetamide deacetylase-like 1	IPI00002230	12	15	2	1	-8,486	0,00144
ATP6V0A1 Isoform 1 of Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1	IPI00465178	6	6	0	0	-100,000	0,00155
PCK2 Phosphoenolpyruvate carboxykinase [GTP], mitochondrial precursor	IPI00294380	2	2	14	12	6,598	0,00156
HUWE1 Isoform 2 of E3 ubiquitin-protein ligase HUWE1	IPI00445401	24	28	57	52	2,072	0,00156
STMN1 Stathmin	IPI00479997	5	4	20	17	4,223	0,00157
DDX17 DEAD box polypeptide 17 isoform 1	IPI00023785	0	1	10	9	20,094	0,00163
MICA;HLA-A;HLA-A29.1;LOC730410;HLA-B;HLA-C HLA class I histocompatibility antigen, B-50 alpha chain precursor	IPI00471955	3	3	24	15	6,703	0,00164
MICA;HLA-A;HLA-A29.1;LOC730410;HLA-B;HLA-C HLA class I histocompatibility antigen, A-1 alpha chain precursor	IPI00026569	2	5	18	18	5,276	0,00164
RIF1 Isoform 1 of Telomere-associated protein RIF1	IPI00477805	0	0	5	7	100,000	0,00166
DYNC1H1 Dynein heavy chain, cytosolic	IPI00456969	318	310	397	390	1,251	0,00168
TUBB3 Tubulin beta-3 chain	IPI00013683	27	22	8	5	-3,706	0,00169
ITGA5 Integrin alpha-5 precursor	IPI00306604	26	26	9	9	-2,844	0,00172
SMARCC2 Isoform 2 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 2	IPI00150057	0	0	5	6	100,000	0,00173
GOLGB1 Golgin subfamily B member 1	IPI00004671	11	14	30	35	2,697	0,00174
QPRT Nicotinate-nucleotide pyrophosphorylase	IPI00300086	7	5	0	0	-100,000	0,00186
TMPO Lamina-associated polypeptide 2 isoform alpha	IPI00216230	0	0	8	5	100,000	0,00189
TM9SF2 Transmembrane 9 superfamily protein member 2 precursor	IPI00018415	5	6	0	0	-100,000	0,00192
TCEA1 Isoform 1 of Transcription elongation factor A protein 1	IPI00333215	0	0	5	9	100,000	0,00192
EFTUD2 116 kDa U5 small nuclear ribonucleoprotein component	IPI00003519	0	0	6	12	100,000	0,00195
ASCC3L1 Isoform 1 of U5 small nuclear ribonucleoprotein 200 kDa helicase	IPI00420014	15	15	32	40	2,492	0,00200
PGM2 Phosphoglucomutase-2	IPI00550364	0	0	5	5	100,000	0,00200
RFC4 Replication factor C subunit 4	IPI00017381	0	0	5	5	100,000	0,00200
NUMA1 Isoform 1 of Nuclear mitotic apparatus protein 1	IPI00292771	2	1	14	10	8,100	0,00202
UACA Uveal autoantigen with coiled-coil domains and ankyrin repeats	IPI00173359	13	21	2	2	-8,290	0,00211
CYB5R1 NADH-cytochrome b5 reductase 1	IPI00470674	19	13	1	3	-7,644	0,00216
VPS13A 351 kDa protein	IPI00251344	0	0	9	5	100,000	0,00217
ARL6IP5 PRA1 family protein 3	IPI00007426	29	29	11	12	-2,474	0,00221
A2M Alpha-2-macroglobulin precursor	IPI00478003	58	46	23	25	-2,140	0,00236
PDLIM1 PDZ and LIM domain protein 1	IPI00010414	4	5	17	16	3,752	0,00238
SPARC SPARC precursor	IPI00014572	9	8	1	0	-15,871	0,00242
MACF1 Isoform 2 of Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	IPI00256861	78	84	119	120	1,480	0,00242
NT5E 5'-nucleotidase precursor	IPI00009456	18	14	4	2	-5,030	0,00242

PDS5A SCC-112 protein	IPI00303063	0	0	4	6	100,000	0,00243
ASNS Asparagine synthetase	IPI00554777	3	2	11	15	5,471	0,00244
OAS2 Isoform p69 of 2'-5'-oligoadenylate synthetase 2	IPI00218185	0	0	4	7	100,000	0,00253
GALE UDP-glucose 4-epimerase	IPI00553131	0	0	4	7	100,000	0,00253
NNMT Nicotinamide N-methyltransferase	IPI00027681	0	0	6	4	100,000	0,00257
MRE11A Isoform 1 of Double-strand break repair protein MRE11A	IPI00029159	0	0	5	4	100,000	0,00265
TMEM137;RBM14 Isoform 1 of RNA-binding protein 14	IPI00013174	0	0	5	4	100,000	0,00265
UBE2C Ubiquitin-conjugating enzyme E2 C	IPI00013002	0	0	5	4	100,000	0,00265
ARMCX3 Armadillo repeat-containing X-linked protein 3	IPI00009906	10	11	1	2	-6,669	0,00268
HMOX1 Heme oxygenase 1	IPI00215893	8	11	1	1	-9,002	0,00269
HMGCS1 Hydroxymethylglutaryl-CoA synthase, cytoplasmic	IPI00008475	8	8	1	0	-14,936	0,00271
MDN1 Midasin	IPI00167941	0	1	9	7	16,940	0,00272
TMEM173 Transmembrane protein 173	IPI00257059	4	6	0	0	-100,000	0,00274
PC Pyruvate carboxylase, mitochondrial precursor	IPI00299402	24	19	5	8	-3,293	0,00275
LOX Protein-lysine 6-oxidase precursor	IPI00002802	6	4	0	0	-100,000	0,00275
PSME2 Proteasome activator complex subunit 2	IPI00384051	10	10	29	23	2,694	0,00277
RBBP7 Histone-binding protein RBBP7	IPI00395865	1	0	10	7	17,955	0,00280
LONP1 Lon protease homolog, mitochondrial precursor	IPI00005158	3	6	17	17	3,869	0,00284
PSMB9 Isoform LMP2.L of Proteasome subunit beta type 9 precursor	IPI00000787	0	0	4	8	100,000	0,00284
IKIP IKIP2	IPI00401791	4	5	0	0	-100,000	0,00289
ALDOC Fructose-bisphosphate aldolase C	IPI00418262	5	4	0	0	-100,000	0,00290
CRABP1 Cellular retinoic acid-binding protein 1	IPI00219930	5	4	0	0	-100,000	0,00290
FLJ20254 hypothetical protein LOC54867 isoform 1	IPI00783882	1	1	8	8	8,440	0,00293
PRPF8 Pre-mRNA-processing-splicing factor 8	IPI00007928	2	5	15	16	4,520	0,00294
XRCC5 ATP-dependent DNA helicase 2 subunit 2	IPI00220834	15	13	31	30	2,261	0,00297
TUBB Tubulin beta chain	IPI00011654	220	197	155	150	-1,369	0,00299
TPRKB Isoform 3 of TP53RK-binding protein	IPI00217362	0	0	4	4	100,000	0,00313
NCAPD2 Condensin complex subunit 1	IPI00299524	0	0	4	4	100,000	0,00313
RCC2 Protein RCC2	IPI00465044	0	0	4	4	100,000	0,00313
TRIM28 Isoform 1 of Transcription intermediary factor 1-beta	IPI00438229	3	5	15	15	3,824	0,00319
SMCHD1 similar to SMC hinge domain containing 1	IPI00465022	0	0	8	4	100,000	0,00320
DUT Isoform DUT-M of Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial precursor	IPI00013679	4	5	18	14	3,640	0,00324
BIRC6 528 kDa protein	IPI00784429	1	1	10	7	8,992	0,00327
FHOD1 FH1/FH2 domain-containing protein 1	IPI00001730	9	11	1	2	-6,351	0,00339
DYSF Dysferlin_v1	IPI00020210	0	0	4	9	100,000	0,00341
TOM1 Target of myb1	IPI00023191	4	4	0	0	-100,000	0,00350
ASPH 86 kDa protein	IPI00294834	11	9	2	1	-6,288	0,00350
LSM4 U6 snRNA-associated Sm-like protein LSM4	IPI00294955	1	0	6	9	15,751	0,00357
ISYNA1 55 kDa protein	IPI00478861	1	0	6	9	15,751	0,00357
C4A Complement C4-A precursor	IPI00032258	13	15	4	3	-3,783	0,00376
DHX15 Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	IPI00396435	4	4	13	16	3,684	0,00391
IFIT1 Interferon-induced protein with tetratricopeptide repeats 1	IPI00018300	0	0	3	5	100,000	0,00399
DNAJB1 DnaJ homolog subfamily B member 1	IPI00015947	0	0	3	5	100,000	0,00399
TAP1 transporter 1, ATP-binding cassette, sub-family B	IPI00646625	0	0	3	5	100,000	0,00399
GGH Gamma-glutamyl hydrolase precursor	IPI00023728	0	0	3	5	100,000	0,00399
STAT2 Isoform Long of Signal transducer and activator of transcription 2	IPI00004312	0	1	7	6	13,754	0,00405
EDIL3 Isoform 1 of EGF-like repeat and discoidin I-like domain-containing protein 3 precursor	IPI00306046	0	1	7	6	13,754	0,00405
MKI67 Isoform Long of Antigen KI-67	IPI00004233	1	0	7	6	13,709	0,00406
UQCRCQ Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C	IPI00024742	2	2	9	10	5,007	0,00409
PTK7 PTK7 protein tyrosine kinase 7 isoform c precursor	IPI00168813	0	0	3	6	100,000	0,00413
ANP32E Acidic leucine-rich nuclear phosphoprotein 32 family member E	IPI00165393	0	0	3	6	100,000	0,00413
H1F0 Histone H1.0	IPI00550239	0	0	3	6	100,000	0,00413
SUPT16H FACT complex subunit SPT16	IPI00026970	0	0	5	3	100,000	0,00421
SCD Acyl-CoA desaturase	IPI00299468	0	0	5	3	100,000	0,00421
C6orf211 UPF0364 protein C6orf211	IPI00002270	0	0	5	3	100,000	0,00421
SPC24 Kinetochore protein Spc24	IPI00168317	0	0	5	3	100,000	0,00421
ABCC1 Hypothetical protein DKFZp781G125	IPI00008463	6	8	0	1	-13,474	0,00425

MGLL monoglyceride lipase isoform 1	IPI00293590	9	13	2	2	-5,212	0,00432
SLC9A3R1 Ezrin-radixin-moesin-binding phosphoprotein 50	IPI00003527	6	9	1	0	-13,998	0,00433
PP1F Peptidyl-prolyl cis-trans isomerase, mitochondrial precursor	IPI00026519	0	0	3	4	100,000	0,00441
PYGL Glycogen phosphorylase, liver form	IPI00470525	0	0	3	4	100,000	0,00441
C20orf77 Uncharacterized protein C20orf77	IPI00009659	0	0	3	4	100,000	0,00441
UBE2L6 ubiquitin-conjugating enzyme E2L 6 isoform 1	IPI00329563	3	1	9	12	5,522	0,00446
DNMT1 Isoform 1 of DNA (cytosine-5)-methyltransferase 1	IPI00031519	0	0	4	3	100,000	0,00452
DEK Protein DEK	IPI00020021	0	0	4	3	100,000	0,00452
GNL1 guanine nucleotide binding protein-like 1	IPI00396387	0	0	4	3	100,000	0,00452
C7orf50 MGC11257 protein	IPI00031651	0	0	4	3	100,000	0,00452
MVK Mevalonate kinase	IPI00010717	0	0	4	3	100,000	0,00452
MICA;HLA-A;HLA-A29.1;LOC730410;HLA-B;HLA-C HLA class I histocompatibility antigen, A-23 alpha chain precursor	IPI00472151	3	5	0	0	-100,000	0,00455
SLC12A2 Isoform 1 of Solute carrier family 12 member 2	IPI00022649	5	3	0	0	-100,000	0,00458
FARSA Phenylalanyl-tRNA synthetase alpha chain	IPI00031820	11	8	1	2	-6,036	0,00463
MTHFD1 C-1-tetrahydrofolate synthase, cytoplasmic	IPI00218342	15	14	28	30	2,072	0,00489
RTN4 Isoform 2 of Reticulon-4	IPI00298289	46	42	26	16	-2,074	0,00503
COL18A1 Isoform 2 of Collagen alpha-1(XVIII) chain precursor	IPI00022822	3	4	0	0	-100,000	0,00503
CCND1 G1/S-specific cyclin-D1	IPI00028098	3	4	0	0	-100,000	0,00503
BUB3 Mitotic checkpoint protein BUB3	IPI00013468	1	1	6	8	7,369	0,00503
CDK6 Cell division protein kinase 6	IPI00023529	4	3	0	0	-100,000	0,00505
SIL1 Nucleotide exchange factor SIL1 precursor	IPI00296197	4	3	0	0	-100,000	0,00505
RND3 Rho-related GTP-binding protein RhoE precursor	IPI00001437	4	3	0	0	-100,000	0,00505
ENDOD1 Endonuclease domain-containing 1 protein precursor	IPI00001952	10	8	2	1	-5,659	0,00508
LMNB2 Lamin-B2	IPI00009771	3	4	11	13	3,613	0,00508
GPD2 Isoform 1 of Glycerol-3-phosphate dehydrogenase, mitochondrial precursor	IPI00017895	7	5	20	15	2,994	0,00516
SKIV2L superkiller viralicidic activity 2-like homolog	IPI00644297	12	8	0	2	-9,630	0,00539
ITIH3 Inter-alpha-trypsin inhibitor heavy chain H3 precursor	IPI00028413	7	3	0	0	-100,000	0,00547
PFN1 Profilin-1	IPI00216691	69	67	104	93	1,448	0,00556
HIST1H1C Histone H1.2	IPI00217465	5	5	17	13	3,064	0,00560
PLEC1 Isoform 1 of Plectin-1	IPI00014898	248	221	329	292	1,326	0,00561
ISG15 Interferon-induced 17 kDa protein precursor	IPI00375631	5	3	15	12	3,432	0,00562
ETF1 Eukaryotic peptide chain release factor subunit 1	IPI00429191	9	8	1	2	-5,399	0,00565
ENAH Isoform 2 of Protein enabled homolog	IPI00374054	15	18	5	6	-2,847	0,00569
SMC3 Structural maintenance of chromosomes protein 3	IPI00219420	0	0	3	8	100,000	0,00576
SMC1A Structural maintenance of chromosomes protein 1A	IPI00291939	0	0	3	8	100,000	0,00576
BASP1 Brain acid soluble protein 1	IPI00299024	8	9	2	1	-5,343	0,00576
CAD CAD protein	IPI00301263	17	13	28	32	2,072	0,00581
IFIT3 Interferon-induced protein with tetratricopeptide repeats 3	IPI00024254	0	0	3	3	100,000	0,00583
FAM129A Niban protein	IPI00328350	0	0	3	3	100,000	0,00583
UBE2E1;UBE2E2 Ubiquitin-conjugating enzyme E2 E1	IPI00021346	0	0	3	3	100,000	0,00583
FAM128B hypothetical protein LOC80097	IPI00410094	0	0	3	3	100,000	0,00583
ATP2B4 Isoform XD of Plasma membrane calcium-transporting ATPase 4	IPI00012490	19	17	7	6	-2,622	0,00587
RRBP1 Ribosome-binding protein 1	IPI00215743	60	55	35	36	-1,599	0,00593
PCNA Proliferating cell nuclear antigen	IPI00021700	4	3	11	12	3,463	0,00593
DIAPH1 Diaphanous 1	IPI00030876	4	4	11	14	3,291	0,00603
MVP Major vault protein	IPI00000105	60	59	41	32	-1,626	0,00607
KIAA1967 Isoform 2 of Protein KIAA1967	IPI00182757	0	1	9	5	14,859	0,00620
PTRF Isoform 1 of Polymerase I and transcript release factor	IPI00176903	26	35	15	14	-2,132	0,00629
PSMB8 Isoform 1 of Proteasome subunit beta type 8 precursor	IPI00000783	5	4	14	13	3,047	0,00631
NCLN Isoform 1 of Nicalin precursor	IPI00470649	8	5	0	1	-12,519	0,00638
GSN Isoform 1 of Gelsolin precursor	IPI00026314	33	32	18	17	-1,868	0,00658
S100A10 Protein S100-A10	IPI00183695	12	11	2	4	-3,652	0,00670
CTGF Isoform 1 of Connective tissue growth factor precursor	IPI00020977	13	10	3	3	-3,634	0,00672
COMMD7 COMMD7 protein	IPI00641139	3	3	0	0	-100,000	0,00673
HCCS Cytochrome c-type heme lyase	IPI00023406	3	3	0	0	-100,000	0,00673
KIAA1199 Isoform 1 of Protein KIAA1199 precursor	IPI00376689	3	3	0	0	-100,000	0,00673
DNAJC5 Isoform 2 of DnaJ homolog subfamily C member 5	IPI00023780	3	3	0	0	-100,000	0,00673

EHD3 EH domain-containing protein 3	IPI00021458	3	3	0	0	-100,000	0,00673
ETFDH Isoform 1 of Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor	IPI00032875	3	3	0	0	-100,000	0,00673
UCHL1 Ubiquitin carboxyl-terminal hydrolase isozyme L1	IPI00018352	20	21	40	35	1,792	0,00678
IPO9 Importin-9	IPI00185146	1	2	7	8	5,273	0,00678
CCDC47 Isoform 1 of Coiled-coil domain-containing protein 47 precursor	IPI00024642	8	8	1	2	-5,081	0,00691
ALB Serum albumin	IPI00022434	11	11	3	3	-3,475	0,00701
FAM38A Mib	IPI00006093	8	8	2	1	-5,029	0,00705
SRP68 Isoform 1 of Signal recognition particle 68 kDa protein	IPI00168388	1	5	13	13	4,398	0,00705
PPIA;PPIAL3;LOC654188 Peptidyl-prolyl cis-trans isomerase A	IPI00419585	50	59	86	78	1,499	0,00706
PRDX1 Peroxiredoxin-1	IPI00000874	51	68	34	31	-1,806	0,00730
RAD50 Isoform 1 of DNA repair protein RAD50	IPI00305282	1	1	5	9	7,353	0,00735
NRD1 Nardilysin	IPI00243221	13	6	1	0	-17,747	0,00753
CHD4 Isoform 1 of Chromodomain-helicase-DNA-binding protein 4	IPI00000846	0	1	5	5	10,567	0,00770
IGF2BP3 Isoform 1 of Insulin-like growth factor 2 mRNA-binding protein 3	IPI00658000	2	1	6	10	5,602	0,00795
MSH2 DNA mismatch repair protein Msh2	IPI00017303	0	0	2	4	100,000	0,00800
IGF2BP1 Insulin-like growth factor 2 mRNA-binding protein 1	IPI00008557	0	0	2	4	100,000	0,00800
RFC2 Isoform 1 of Replication factor C subunit 2	IPI00017412	0	0	2	4	100,000	0,00800
PYGB Glycogen phosphorylase, brain form	IPI00004358	41	52	26	27	-1,732	0,00806
RFC5 Replication factor C subunit 5	IPI00031514	0	0	2	5	100,000	0,00806
HM13 Isoform 1 of Minor histocompatibility antigen H13	IPI00152441	16	13	6	3	-3,039	0,00837
PLSCR1 Phospholipid scramblase 1	IPI00005181	0	0	4	2	100,000	0,00837
C10orf35 Uncharacterized protein C10orf35	IPI00060546	0	0	4	2	100,000	0,00837
C14orf173 hypothetical protein LOC64423 isoform 1	IPI00008339	23	26	11	13	-2,017	0,00851
DSP Isoform DPI of Desmoplakin	IPI00013933	63	62	10	31	-3,006	0,00859
IFI35 Isoform 1 of Interferon-induced 35 kDa protein	IPI00008613	0	1	4	7	11,575	0,00861
DKFZP564J0863 Isoform 1 of Atlantin-3	IPI00550523	18	17	7	7	-2,370	0,00862
SDC1 Syndecan-1 precursor	IPI00002441	0	0	5	2	100,000	0,00872
CSRP2 Cysteine and glycine-rich protein 2	IPI00002824	2	2	9	7	4,228	0,00909
KHSRP KH-type splicing regulatory protein	IPI00479786	5	4	15	11	2,936	0,00912
SEC24B Protein transport protein Sec24B	IPI00030851	2	4	0	0	-100,000	0,00926
MSH6 Isoform GTBP-N of DNA mismatch repair protein MSH6	IPI00384456	0	0	2	6	100,000	0,00930
TK1 Thymidine kinase, cytosolic	IPI00299214	0	0	2	6	100,000	0,00930
FAH Fumarylacetoacetase	IPI00031708	4	2	0	0	-100,000	0,00930
CLU clusterin isoform 1	IPI00400826	5	2	0	0	-100,000	0,00936
RABGGTA Geranylgeranyl transferase type-2 alpha subunit	IPI00022664	5	2	0	0	-100,000	0,00936
SNRPE Small nuclear ribonucleoprotein E	IPI00029266	3	5	13	11	3,036	0,00936
UGDH UDP-glucose 6-dehydrogenase	IPI00031420	36	35	23	17	-1,771	0,00941
FDFT1 Squalene synthetase	IPI00020944	5	5	1	0	-9,335	0,00945
VIL2 Ezrin	IPI00843975	10	12	25	20	2,113	0,00946
GBP1 Interferon-induced guanylate-binding protein 1	IPI00028564	1	2	6	8	4,915	0,00952
SEC31A Isoform 3 of Protein transport protein Sec31A	IPI00305152	24	24	14	11	-1,972	0,00964
DDX58 Isoform 1 of Probable ATP-dependent RNA helicase DDX58	IPI00654731	0	0	2	3	100,000	0,00974
CBFB core-binding factor, beta subunit isoform 1	IPI00024871	0	0	2	3	100,000	0,00974
C16orf61 UPF0287 protein C16orf61	IPI00024619	0	0	2	3	100,000	0,00974
ATG3 Isoform 1 of Autophagy-related protein 3	IPI00022254	0	0	2	3	100,000	0,00974
NEK9 Serine/threonine-protein kinase Nek9	IPI00301609	0	0	2	3	100,000	0,00974
SFRS10 Isoform 1 of Splicing factor, arginine/serine-rich 10	IPI00301503	0	0	2	3	100,000	0,00974
SDHC Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor	IPI00016968	0	0	2	3	100,000	0,00974
GNPDA2 Glucosamine-6-phosphate isomerase SB52	IPI00550894	0	0	2	3	100,000	0,00974
TPD52 Tumor protein D52	IPI00218323	0	0	2	3	100,000	0,00974
GDA Guanine deaminase	IPI00465184	0	0	2	3	100,000	0,00974
LRBA Lipopolysaccharide-responsive and beige-like anchor protein	IPI00002255	1	2	8	6	4,937	0,00990
DDX42 Isoform 1 of ATP-dependent RNA helicase DDX42	IPI00409671	0	0	3	2	100,000	0,00991
FLJ14668 Hypothetical protein FLJ14668	IPI00303722	0	0	3	2	100,000	0,00991
HSPA4L Heat shock 70 kDa protein 4L	IPI00295485	0	0	3	2	100,000	0,00991
IFIT2 Interferon-induced protein with tetratricopeptide repeats 2	IPI00018298	0	0	3	2	100,000	0,00991
POLR2J RPB11a protein	IPI00003310	0	0	3	2	100,000	0,00991

CTPS2 CTP synthase 2	IPI00645702	0	0	3	2	100,000	0,00991
LEPREL1 Prolyl 3-hydroxylase 2 precursor	IPI00217055	0	0	3	2	100,000	0,00991
EXOSC1 3'-5' exoribonuclease CSL4 homolog	IPI00032823	0	0	3	2	100,000	0,00991
TMPO Isoform Beta of Lamina-associated polypeptide 2, isoforms beta/gamma	IPI00030131	0	0	3	2	100,000	0,00991