Supplementary Table 4. The common proteins found in meta-analysis across 38 studies of hESC transcriptomes between undifferentiated versus differentiated cells.(Assou et al. 2007[33])
Chaerkady et al. - Comparative proteomics of human embryonic stem cells and embryonal carcinoma cells

Gene Symbol	Accession	Protein name	Sample	ESC/ ECC iTRAQ ratio	p value
AARS	109148542	alanyl-tRNA synthetase	Whole cell	2.47	0.20
AASS	13027640	aminoadipate-semialdehyde synthase	Non-cytosolic	5.55	0.00
ABCE1	108773784	ATP-binding cassette, sub-family E, member 1	Non-cytosolic	1.09	0.85
ADNP	31563503	activity-dependent neuroprotector	Cytosolic	0.99	1.00
ADSL	4557269	adenylosuccinate lyase	Cytosolic	1.26	0.65
AGPS	4501993	alkyldihydroxyacetone phosphate synthase	Non-cytosolic	0.95	0.97
ALDH7A1	4557343	antiquitin	Whole cell	0.73	0.58
ALPL	116734717	tissue non-specific alkaline phosphatase	Non-cytosolic	1.17	0.61
APEX1	18375505	APEX nuclease	Cytosolic	1.71	0.49
API5	5729730	apoptosis inhibitor 5	Cytosolic	0.84	0.56
ARF3	4502203	ADP-ribosylation factor 3	Cytosolic	0.91	0.86
ARFGEF1	51479145	brefeldin A-inhibited guanine nucleotide-exchange protein 1	Cytosolic	1.17	0.67
ATIC	20127454	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	Cytosolic	0.84	0.50
ATP1B3	4502281	Na+/K+ -ATPase beta 3 subunit	Whole cell	0.29	0.19
BAT1	4758112	HLA-B associated transcript 1	Whole cell	0.08	0.22
BCAT1	38176287	branched chain aminotransferase 1, cytosolic	Cytosolic	0.26	0.03
BCCIP	7706581	BRCA2 and CDKN1A-interacting protein isoform BCCIPalpha	Whole cell	2.00	0.24
BZW1	113414197	PREDICTED: similar to basic leucine zipper and W2 domains 1	Non-cytosolic	0.49	0.35
C14orf115	8922686	hypothetical protein LOC55237	Non-cytosolic	0.94	0.84
C1QBP	4502491	complement component 1, q subcomponent binding protein precursor	Cytosolic	0.91	0.82
C6orf115	113418321	PREDICTED: similar to Protein C6orf115	Cytosolic	2.99	0.23
CALU	4502551	calumenin	Non-cytosolic	0.21	0.08
CARHSP1	109715858	calcium-regulated heat-stable protein 1	Whole cell	5.50	0.30
CASP3	14790119	caspase 3 preproprotein	Cytosolic	5.40	0.03
CBS	4557415	cystathionine-beta-synthase	Cytosolic	1.45	0.21
CBX5	6912292	chromobox homolog 5 (HP1 alpha homolog, Drosophila)	Whole cell	0.51	0.33
CCAR1	46852388	cell-cycle and apoptosis regulatory protein 1	Non-cytosolic	1.42	0.54
CCT5	24307939	chaperonin containing TCP1, subunit 5 (epsilon)	Whole cell	1.57	0.35
CCT8	48762932	chaperonin containing TCP1, subunit 8 (theta)	Whole cell	0.96	0.03

CD2AP	11321634	CD2-associated protein	Cytosolic	1.61	0.43
CD9	4502693	CD9 antigen	Whole cell	0.62	0.44
CDC2	4502709	cell division cycle 2 protein isoform 1	Whole cell	1.05	0.63
CEBPZ	42542392	CCAAT/enhancer binding protein zeta	Non-cytosolic	0.71	0.55
CHD1	68299795	chromodomain helicase DNA binding protein 1	Non-cytosolic	0.86	0.62
CHEK1	4502803	CHK1 checkpoint homolog	Non-cytosolic	0.95	0.94
CKAP5	57222563	colonic and hepatic tumor over-expressed protein isoform b	Whole cell	0.94	0.90
CLDN6	11141863	claudin 6	Whole cell	0.95	0.16
CLIC4	7330335	chloride intracellular channel 4	Whole cell	2.03	0.36
CRABP1	4758052	cellular retinoic acid binding protein 1	Whole cell	1.32	0.44
CRABP2	4503029	cellular retinoic acid binding protein 2	Whole cell	0.23	0.13
CRKL	4885153	v-crk sarcoma virus CT10 oncogene homolog (avian)-like	Whole cell	0.54	0.37
CSE1L	29029559	CSE1 chromosome segregation 1-like protein	Whole cell	0.26	0.10
CSRP2	4503101	cysteine and glycine-rich protein 2	Non-cytosolic	0.60	0.43
CTBP2	12746590	C-terminal binding protein 2 isoform 2	Cytosolic	1.13	0.74
CTPS2	28559085	cytidine triphosphate synthase II	Cytosolic	0.74	0.59
CTSC	4503141	cathepsin C isoform a preproprotein	Non-cytosolic	0.57	0.25
CXADR	4503173	coxsackie virus and adenovirus receptor	Non-cytosolic	0.74	0.59
CYP2S1	13449277	cytochrome P450, family 2, subfamily S, polypeptide 1	Non-cytosolic	1.54	0.43
DDX18	38327634	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	Non-cytosolic	0.76	0.78
DDX21	50659095	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	Cytosolic	1.10	0.46
DEK	4503249	DEK oncogene	Whole cell	0.06	0.02
DHX9	100913206	DEAH (Asp-Glu-Ala-His) box polypeptide 9	Cytosolic	0.45	0.00
DKC1	4503337	dyskerin	Cytosolic	0.61	0.32
DLAT	31711992	dihydrolipoamide S-acetyltransferase	Whole cell	1.63	0.39
DNMT3A	28559069	DNA cytosine methyltransferase 3 alpha isoform a	Whole cell	0.78	0.65
DNMT3B	5901940	DNA cytosine-5 methyltransferase 3 beta isoform 1	Non-cytosolic	5.65	0.01
DPP3	86792661	dipeptidyl peptidase III	Whole cell	3.28	0.32
DPPA4	52353966	developmental pluripotency associated 4	Whole cell	1.89	0.00
DPYSL3	4503379	dihydropyrimidinase-like 3	Cytosolic	1.14	0.51
DUT	70906441	dUTP pyrophosphatase isoform 1 precursor	Cytosolic	1.13	0.65
EEF1A1	4503471	eukaryotic translation elongation factor 1 alpha 1	Cytosolic	1.72	0.05
EEF1E1	4758862	eukaryotic translation elongation factor 1 epsilon 1	Cytosolic	0.94	0.96
EIF2S1	4758256	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa	Whole cell	0.83	0.32
EIF4A1	4503529	eukaryotic translation initiation factor 4A isoform 1	Cytosolic	1.80	0.18
EIF4E	4503535	eukaryotic translation initiation factor 4E	Whole cell	4.17	0.17
EIF5B	84043963	eukaryotic translation initiation factor 5B	Cytosolic	0.83	0.60

ENAH	56549694	enabled homolog isoform a	Whole cell	0.06	0.27
ENO2	5803011	enolase 2	Cytosolic	0.35	0.11
EPHA1	56119207	ephrin receptor EphA1	Non-cytosolic	1.13	0.79
EPRS	62241042	glutamyl-prolyl tRNA synthetase	Cytosolic	0.89	0.34
ETV1	31742534	ets variant gene 1	Non-cytosolic	14.19	0.15
FABP5	4557581	fatty acid binding protein 5 (psoriasis-associated)	Cytosolic	2.81	0.03
FEN1	4758356	flap structure-specific endonuclease 1	Whole cell	0.99	0.20
FKBP3	4503727	FK506-binding protein 3	Non-cytosolic	1.87	0.19
FKBP5	4758384	FK506 binding protein 5	Cytosolic	0.74	0.60
FUBP1	17402900	far upstream element-binding protein	Non-cytosolic	1.94	0.25
FXR1	61835148	fragile X mental retardation-related protein 1 isoform a	Whole cell	0.74	0.30
G3BP2	45359849	Ras-GTPase activating protein SH3 domain-binding protein 2 isoform a	Cytosolic	1.16	0.76
GART	4503915	phosphoribosylglycinamide formyltransferase	Whole cell	0.77	0.15
GDF3	10190670	growth differentiation factor 3	Non-cytosolic	0.33	0.23
GEMIN4	122939157	gemin 4	Non-cytosolic	1.49	0.37
GJA1	4504001	connexin 43	Whole cell	2.73	0.24
GLDC	108773801	glycine dehydrogenase (decarboxylating)	Non-cytosolic	2.38	0.04
GMFB	4758442	glia maturation factor, beta	Whole cell	2.44	0.26
GNL2	7019419	guanine nucleotide binding protein-like 2 (nucleolar)	Whole cell	1.28	0.62
GNL3	45643129	guanine nucleotide binding protein-like 3 isoform 2	Cytosolic	0.69	0.43
GPC4	21614525	glypican 4	Non-cytosolic	0.99	1.00
H2AFX	4504253	H2A histone family, member X	Whole cell	2.49	0.10
HDAC2	116284376	histone deacetylase 2	Whole cell	1.08	0.87
HELLS	21914927	helicase, lymphoid-specific	Whole cell	0.13	0.12
HMGA1	22208977	high mobility group AT-hook 1 isoform a	Whole cell	4.97	0.05
HMGB2	11321591	high-mobility group box 2	Whole cell	0.72	0.30
HMGB3	71143137	high-mobility group box 3	Non-cytosolic	1.51	0.48
HSD17B4	4504505	hydroxysteroid (17-beta) dehydrogenase 4	Whole cell	0.69	0.46
HSPA4	38327039	heat shock 70kDa protein 4 isoform a	Cytosolic	1.69	0.11
HSPA8	5729877	heat shock 70kDa protein 8 isoform 1	Cytosolic	1.96	0.00
HSPD1	41399285	chaperonin	Cytosolic	0.66	0.13
HSPE1	4504523	heat shock 10kDa protein 1 (chaperonin 10)	Non-cytosolic	0.39	0.34
IDH1	28178825	isocitrate dehydrogenase 1 (NADP+), soluble	Cytosolic	1.38	0.18
IFITM1	40254450	interferon induced transmembrane protein 1 (9-27)	Whole cell	2.68	0.24
IGFBP2	55925576	insulin-like growth factor binding protein 2, 36kDa	Non-cytosolic	0.71	0.57
ILF3	24234756	interleukin enhancer binding factor 3 isoform c	Cytosolic	0.66	0.08
IMPA1	5031789	inositol(myo)-1(or 4)-monophosphatase 1	Cytosolic	1.57	0.37

IMPDH2	66933016	inosine monophosphate dehydrogenase 2	Cytosolic	0.67	0.42
IPO7	5453998	importin 7	Cytosolic	0.67	0.34
IPO9	21361659	importin 9	Cytosolic	0.67	0.49
ITGA6	119395740	integrin alpha chain, alpha 6 isoform a	Non-cytosolic	0.91	0.69
KIAA0020	109948283	KIAA0020 protein	Non-cytosolic	0.80	0.68
KIAA1553	88999401	PREDICTED: hypothetical protein LOC57673	Non-cytosolic	1.19	0.72
KIF23	6754472	kinesin family member 23 isoform 2	Non-cytosolic	0.95	0.98
KIF2C	5803082	kinesin family member 2C	Non-cytosolic	1.28	0.63
KPNA2	4504897	karyopherin alpha 2	Whole cell	2.83	0.01
KRT18	4557888	keratin 18	Cytosolic	0.38	0.03
KRT8	4504919	keratin 8	Whole cell	0.16	0.00
LARS	108773810	leucyl-tRNA synthetase	Cytosolic	1.06	0.45
LEFTY1	10337603	left-right determination, factor B preproprotein	Non-cytosolic	2.01	0.11
LEFTY2	27436881	endometrial bleeding associated factor preproprotein	Whole cell	2.40	0.24
LGALS1	4504981	beta-galactoside-binding lectin	Whole cell	2.27	0.29
LIG1	4557719	DNA ligase I	Whole cell	2.05	0.32
LIN28	13375938	lin-28 homolog	Cytosolic	0.58	0.17
LMNB1	5031877	lamin B1	Whole cell	0.92	0.21
LMNB2	27436951	lamin B2	Whole cell	0.90	0.66
LPHN2	6912464	latrophilin 2	Non-cytosolic	0.86	0.74
LSM7	7706423	U6 snRNA-associated Sm-like protein LSm7	Cytosolic	0.60	0.43
LUC7L	8922297	LUC7-like isoform a	Non-cytosolic	0.85	0.50
LYAR	8923398	hypothetical protein FLJ20425	Non-cytosolic	0.59	0.31
M6PR	4505061	cation-dependent mannose-6-phosphate receptor	Whole cell	0.97	0.57
MARS	14043022	methionine-tRNA synthetase	Cytosolic	1.04	0.86
MAT2A	5174529	methionine adenosyltransferase II, alpha	Whole cell	0.82	0.60
MAT2B	11034825	methionine adenosyltransferase II, beta isoform 1	Whole cell	1.28	0.63
MATR3	62750354	matrin 3	Cytosolic	0.65	0.20
MCM2	33356547	minichromosome maintenance protein 2	Cytosolic	1.05	0.39
MCM3	6631095	minichromosome maintenance protein 3	Whole cell	0.70	0.52
MCM4	33469919	minichromosome maintenance protein 4	Cytosolic	1.01	0.91
MCM5	23510448	minichromosome maintenance deficient protein 5	Cytosolic	0.95	0.78
MCM6	7427519	minichromosome maintenance deficient 6	Whole cell	0.44	0.33
MCM7	33469968	minichromosome maintenance protein 7 isoform 1	Whole cell	0.58	0.04
MDN1	24415404	MDN1, midasin homolog	Non-cytosolic	1.94	0.08
METAP1	24308009	methionyl aminopeptidase 1	Non-cytosolic	0.88	0.78
MFGE8	5174557	milk fat globule-EGF factor 8 protein	Whole cell	0.39	0.13

MGEA5	11024698	meningioma expressed antigen 5 (hyaluronidase)	Cytosolic	1.03	0.92
MGST1	9945306	microsomal glutathione S-transferase 1	Non-cytosolic	0.29	0.13
MKI67IP	21314753	MKI67 (FHA domain) interacting nucleolar phosphoprotein	Whole cell	2.23	0.28
MRPS9	33188463	mitochondrial ribosomal protein S9	Non-cytosolic	0.92	0.89
MSH2	4557761	mutS homolog 2	Non-cytosolic	1.25	0.25
MSH6	4504191	mutS homolog 6	Whole cell	0.84	0.30
MTA3	50838795	metastasis associated 1 family, member 3	Non-cytosolic	0.77	0.60
MTHFD1	13699868	methylenetetrahydrofolate dehydrogenase 1	Cytosolic	2.25	0.04
MTHFD2	94721354	methylene tetrahydrofolate dehydrogenase 2 isoform A	Whole cell	3.94	0.18
NAP1L1	4758756	nucleosome assembly protein 1-like 1	Cytosolic	0.59	0.18
NARG1	17149828	NMDA receptor regulated 1	Cytosolic	1.00	0.86
NASP	27262628	nuclear autoantigenic sperm protein isoform 2	Whole cell	2.44	0.00
NCL	55956788	nucleolin	Whole cell	0.54	0.27
NLN	14149738	neurolysin	Whole cell	0.93	0.89
NME1	4557797	non-metastatic cells 1, protein (NM23A) expressed in isoform b	Whole cell	1.45	0.46
NOLC1	4758860	nucleolar and coiled-body phosphoprotein 1	Non-cytosolic	1.15	0.77
NP	4557801	purine nucleoside phosphorylase	Cytosolic	1.58	0.43
NPM1	40353734	nucleophosmin 1 isoform 2	Non-cytosolic	1.80	0.23
NUDT5	37594464	nudix-type motif 5	Cytosolic	1.07	0.86
NUP160	54859722	nucleoporin 160kDa	Whole cell	0.68	0.51
NUP205	57634534	nucleoporin 205kDa	Non-cytosolic	1.12	0.63
NUP35	31982904	nucleoporin 35kDa isoform a	Non-cytosolic	0.91	0.87
NUP37	34222121	nucleoporin 37kDa	Whole cell	1.20	0.38
NUP54	26051237	nucleoporin 54kDa	Whole cell	0.22	0.16
PAICS	5453539	phosphoribosylaminoimidazole carboxylase, 2	Cytosolic	1.57	0.55
PAK1	42794769	p21-activated kinase 1	Whole cell	2.36	0.27
PARP1	4501955	poly (ADP-ribose) polymerase family, member 1	Non-cytosolic	0.30	0.00
PCNA	4505641	proliferating cell nuclear antigen	Whole cell	0.25	0.03
PFAS	31657129	phosphoribosylformylglycinamidine synthase	Cytosolic	2.21	0.06
PFN1	4826898	profilin 1	Cytosolic	1.96	0.02
PGK1	4505763	phosphoglycerate kinase 1	Cytosolic	0.55	0.03
PGM1	21361621	phosphoglucomutase 1	Cytosolic	0.53	0.09
PIPOX	60499001	L-pipecolic acid oxidase	Non-cytosolic	0.50	0.45
PLS3	7549809	plastin 3	Cytosolic	1.46	0.25
PNN	33356174	pinin, desmosome associated protein	Non-cytosolic	1.21	0.70
PODXL	66277202	podocalyxin-like isoform 1	Non-cytosolic	0.34	0.20
POLR1B	33469941	RNA polymerase I polypeptide B	Cytosolic	0.74	0.59

PPAT	29570798	phosphoribosyl pyrophosphate amidotransferase proprotein	Whole cell	0.96	0.71
PPP1CC	4506007	protein phosphatase 1, catalytic subunit, gamma isoform	Whole cell	1.12	0.86
PRDX1	4505591	peroxiredoxin 1	Cytosolic	0.64	0.08
PRDX2	32189392	peroxiredoxin 2 isoform a	Cytosolic	0.39	0.03
PRIM1	4506051	DNA primase small subunit, 49kDa	Cytosolic	0.99	0.99
PRKCI	48255885	protein kinase C, iota	Cytosolic	1.32	0.57
PRKDC	126032350	protein kinase, DNA-activated, catalytic polypeptide isoform 2	Non-cytosolic	0.52	0.00
PRPS1	4506127	phosphoribosyl pyrophosphate synthetase 1	Whole cell	0.17	0.07
PSIP1	19923653	PC4 and SFRS1 interacting protein 1 isoform 2	Whole cell	18.20	0.01
PSMA2	4506181	proteasome alpha 2 subunit	Cytosolic	1.04	0.67
PSMA3	4506183	proteasome alpha 3 subunit isoform 1	Whole cell	0.36	0.10
PSME3	30410796	proteasome activator subunit 3 isoform 2	Whole cell	0.67	0.61
PTBP1	4506243	polypyrimidine tract-binding protein 1 isoform a	Whole cell	0.88	0.13
PYCR2	21361454	pyrroline-5-carboxylate reductase family, member 2	Non-cytosolic	1.11	0.82
RBM14	5454064	RNA binding motif protein 14	Whole cell	0.82	0.71
RBPMS2	34915990	RNA binding protein with multiple splicing 2	Non-cytosolic	1.66	0.41
RECQL	14591904	RecQ protein-like isoform 1	Non-cytosolic	0.80	0.56
RET	10862703	ret proto-oncogene isoform a	Whole cell	2.07	0.31
RFC3	4506489	replication factor C 3 isoform 1	Non-cytosolic	0.99	0.99
RIF1	56676335	RAP1 interacting factor 1	Non-cytosolic	0.88	0.74
RPA3	4506587	replication protein A3, 14kDa	Whole cell	1.56	0.45
RPL12	4506597	ribosomal protein L12	Whole cell	1.09	0.16
RPL24	4506619	ribosomal protein L24	Non-cytosolic	1.38	0.43
RPL4	16579885	ribosomal protein L4	Cytosolic	1.38	0.11
RPL6	67189747	ribosomal protein L6	Whole cell	0.94	0.33
RPL7	15431301	ribosomal protein L7	Cytosolic	1.85	0.08
RPLP0	4506667	ribosomal protein P0	Whole cell	1.63	0.28
RPS19	4506695	ribosomal protein S19	Non-cytosolic	1.08	0.29
RPS2	15055539	ribosomal protein S2	Non-cytosolic	1.42	0.21
RPS24	4506703	ribosomal protein S24 isoform c	Cytosolic	1.04	0.74
RRAS2	21361416	related RAS viral (r-ras) oncogene homolog 2	Non-cytosolic	1.12	0.77
RUVBL1	4506753	RuvB-like 1	Whole cell	4.70	0.06
SEPHS1	24797148	selenophosphate synthetase	Whole cell	2.15	0.24
SERPINB9	4758906	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9	Cytosolic	5.40	0.01
SERPINH1	32454741	serine (or cysteine) proteinase inhibitor, clade H, member 1	Non-cytosolic	1.09	0.10
SET	4506891	SET translocation (myeloid leukemia-associated)	Whole cell	4.37	0.21
SF3A1	5032087	splicing factor 3a, subunit 1, 120kDa isoform 1	Non-cytosolic	0.77	0.64

SFRP1	56117838	secreted frizzled-related protein 1	Whole cell	0.64	0.47
SFRS1	5902076	splicing factor, arginine/serine-rich 1 isoform 1	Cytosolic	0.56	0.18
SFRS11	4759100	splicing factor, arginine/serine-rich 11	Whole cell	0.19	0.15
SFRS7	72534660	splicing factor, arginine/serine-rich 7	Whole cell	0.32	0.21
SLC16A1	115583685	solute carrier family 16, member 1	Whole cell	1.51	0.54
SLC1A5	5032093	solute carrier family 1 (neutral amino acid transporter), member 5	Whole cell	1.17	0.69
SLC29A1	4826716	equilibrative nucleoside transporter 1	Non-cytosolic	0.93	0.97
SLC2A3	5902090	solute carrier family 2 (facilitated glucose transporter), member 3	Whole cell	0.18	0.15
SLC3A2	65506891	solute carrier family 3 member 2 isoform c	Non-cytosolic	3.28	0.00
SLC7A3	114326550	solute carrier family 7 (cationic amino acid transporter, y+ system), member 3	Non-cytosolic	1.07	0.69
SMARCA5	21071058	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a5	Whole cell	0.04	0.02
SMS	21264341	spermine synthase	Whole cell	0.70	0.54
SNRPA	4759156	small nuclear ribonucleoprotein polypeptide A	Whole cell	0.95	0.96
SNRPA1	50593002	small nuclear ribonucleoprotein polypeptide A'	Cytosolic	0.83	0.73
SNRPD2	4759158	small nuclear ribonucleoprotein polypeptide D2	Whole cell	0.96	0.94
SNRPD3	4759160	small nuclear ribonucleoprotein polypeptide D3	Whole cell	0.26	0.26
SNRPF	4507131	small nuclear ribonucleoprotein polypeptide F	Whole cell	0.38	0.25
SNRPN	4507135	small nuclear ribonucleoprotein polypeptide N	Non-cytosolic	1.07	0.46
SRP72	109638749	signal recognition particle 72kDa	Whole cell	2.61	0.25
SRRM1	42542379	serine/arginine repetitive matrix 1	Cytosolic	0.71	0.46
SSB	10835067	autoantigen La	Whole cell	1.39	0.71
SSBP1	4507231	single-stranded DNA binding protein 1	Whole cell	1.06	0.43
STRBP	21361745	spermatid perinuclear RNA-binding protein	Non-cytosolic	0.90	0.84
SUPT16H	6005757	chromatin-specific transcription elongation factor large subunit	Whole cell	1.01	0.93
TARS	38202255	threonyl-tRNA synthetase	Cytosolic	2.47	0.00
TCEA1	5803191	transcription elongation factor A 1 isoform 1	Whole cell	0.50	0.33
TFRC	4507457	transferrin receptor	Whole cell	1.17	0.30
THY1	19923362	Thy-1 cell surface antigen	Whole cell	0.38	0.25
TKT	4507521	transketolase	Cytosolic	1.92	0.02
TMPO	73760405	thymopoietin isoform beta	Non-cytosolic	0.72	0.19
TNPO1	23510381	transportin 1	Whole cell	1.39	0.31
TNPO3	6912734	transportin 3	Cytosolic	0.75	0.57
TOP2A	19913406	DNA topoisomerase II, alpha isozyme	Non-cytosolic	1.04	0.91
TPM1	63252900	tropomyosin 1 alpha chain isoform 4	Cytosolic	0.52	0.07
TPM3	114155144	tropomyosin 3 isoform 4	Whole cell	1.15	0.35
TUBB	29788785	tubulin, beta polypeptide	Whole cell	0.98	0.42
TUBB6	14210536	tubulin, beta 6	Cytosolic	1.03	0.88

UBA2	4885649	SUMO-1 activating enzyme subunit 2	Whole cell	2.88	0.22
UBE2C	32967285	ubiquitin-conjugating enzyme E2C isoform 3	Whole cell	1.64	0.42
UCHL1	21361091	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	Cytosolic	2.78	0.01
UGP2	48255966	UDP-glucose pyrophosphorylase 2 isoform a	Whole cell	5.35	0.01
UQCRH	83627705	ubiquinol-cytochrome c reductase hinge protein	Non-cytosolic	1.02	0.95
UTF1	71043876	undifferentiated embryonic cell transcription factor 1	Whole cell	14.72	0.02
VBP1	4507873	von Hippel-Lindau binding protein 1	Whole cell	0.59	0.41
VRK1	4507903	vaccinia related kinase 1	Non-cytosolic	1.09	0.59
VSNL1	21361559	visinin-like 1	Whole cell	1.82	0.35
WDHD1	5901892	WD repeat and HMG-box DNA binding protein 1 isoform 1	Whole cell	0.70	0.54
WDR12	16445424	WD repeat domain 12 protein	Whole cell	2.11	0.40
WDR3	5803221	WD repeat-containing protein 3	Whole cell	18.37	0.04
XPO1	4507943	exportin 1	Non-cytosolic	1.04	0.82
XRCC5	10863945	ATP-dependent DNA helicase II	Non-cytosolic	1.15	0.17