Supplementary table3. Efb interacting proteins (green represents duplicate items)

HEK 293T cells transfected with pcDNA3.0-Flag, IP Flag				HEK 293T cells transfected with pcDNA3.0-Flag-Efb, IP Flag			
Protein names	**Protein score**	**Sequence coverage (%)**	**# Unique Peptides**	**Protein names**	**Protein score**	**Sequence coverage (%)**	**# Unique Peptides**
Integrin alpha-1	936.55	8.92	13	ATP-dependent RNA helicase A	2132.91	31.57	35
OTU domain-containing protein 4	776.09	15.44	15	Heterogeneous nuclear ribonucleoprotein M	1705.42	42.19	26
RNA-binding protein 10	704.21	16.45	14	Integrin alpha-1	1119.04	11.02	14
Uncharacterized protein KIAA1958	687.80	13.51	11	Uncharacterized protein KIAA1958	1107.71	19.21	16
Thyroid hormone receptor-associated protein 3	681.93	18.32	15	ATP-dependent RNA helicase DHX30	1104.04	26.47	27
Splicing factor 3B subunit 1	580.05	12.73	13	Nucleolin	1094.49	27.75	20
Telomere-associated protein RIF1	579.79	5.37	10	Y-box-binding protein 1	975.80	49.07	9
Serine protease inhibitor Kazal-type 8	560.94	15.95	10	60S ribosomal protein L3	893.73	25.06	10
Protein arginine N-methyltransferase 5	553.87	20.41	10	Heterogeneous nuclear ribonucleoprotein U	886.29	21.70	15
Heat shock cognate 71 kDa protein	388.50	14.24	7	X-ray repair cross-complementing protein 6	871.54	29.39	14
NA-splicing factor ATP-dependent RNA helicase	374.52	10.69	8	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	845.53	22.39	14
BTB/POZ domain-containing protein KCTD15	361.78	9.21	5	Nucleophosmin	841.84	30.61	7
Alsin	343.51	4.13	7	Myb-binding protein 1A	818.14	16.27	19
Methylcytosine dioxygenase TET2	338.94	6.09	9	Heat shock cognate 71 kDa protein	796.20	29.10	12
Splicing factor 3B subunit 3	335.15	8.46	8	Nucleolar RNA helicase 2	740.08	22.35	16
Nucleolin	328.92	12.25	8	3'-5' RNA helicase YTHDC2	729.54	14.76	15
ORC ubiquitin ligase 1	318.05	9.92	7	Interleukin enhancer-binding factor 3	724.90	21.03	12
Tubulin beta-4B chain	314.96	20.22	2	Heterogeneous nuclear ribonucleoproteins A2/B1	687.22	13.18	4
Protein hinderin	302.12	5.82	3	Probable ATP-dependent RNA helicase	637.94	24.43	9
Eukaryotic translation initiation factor 4B	293.23	13.42	6	Heterogeneous nuclear ribonucleoprotein A1	633.46	28.76	6
Serine/threonine-protein kinase 38	289.92	12.04	5	Heterogeneous nuclear ribonucleoprotein Q	628.37	26.97	12
Tubulin beta chain	278.78	16.89	1	40S ribosomal protein S3a	620.99	20.98	10
Immunoglobulin kappa variable 2D-29	275.46	13.33	2	Telomere-associated protein RIF1	605.87	4.24	8
Polyadenylate-binding protein 1	271.77	8.96	3	Y-box-binding protein 3	595.09	36.02	5
Heat shock 70 kDa protein 1B	265.14	11.86	3	X-ray repair cross-complementing protein 5	593.45	26.23	15
IST1 homolog	259.40	5.73	2	Fibrinogen-binding protein	579.21	35.76	6
osamine--peptide N-acetylglucosaminyltransferas	252.24	5.93	6	Zinc finger CCCH-type antiviral protein 1	575.37	18.40	11

Protein phosphatase 1B	237.30	7.52	3	60S ribosomal protein L6	571.95	35.07	11
Heat shock protein HSP 90-alpha	234.18	8.88	2	Polyadenylate-binding protein 1	570.17	18.08	8
Tubulin alpha-1C chain	204.85	11.80	4	Serine protease inhibitor Kazal-type 8	555.94	17.52	9
60S ribosomal protein L18	199.74	19.68	3	Probable ATP-dependent RNA helicase DDX17	534.68	9.43	7
ent-transforming growth factor beta-binding prote	199.50	4.07	4	ATP-dependent RNA helicase DDX3X	534.58	14.95	7
Histone acetyltransferase KAT8	192.66	4.04	1	60S ribosomal protein L4	528.27	24.59	10
Heat shock protein HSP 90-beta	192.51	9.81	2	Tubulin beta chain	522.54	35.81	3
Polyadenylate-binding protein 4	164.97	6.21	1	Bystin	512.59	30.43	12
Importin-8	164.44	3.66	3	Tubulin alpha-1C chain	504.21	28.29	4
Heterogeneous nuclear ribonucleoprotein U	161.49	4.00	2	Interleukin enhancer-binding factor 2	497.43	28.21	10
Heterogeneous nuclear ribonucleoprotein K	160.44	7.56	3	40S ribosomal protein S14	494.54	14.65	4
Elongation factor 2	159.44	3.15	3	Heat shock 70 kDa protein 1B	491.16	20.28	9
Serine/threonine-protein kinase 38-like	157.89	7.33	3	Tubulin beta-4B chain	480.82	27.87	1
ADP/ATP translocase 1	152.57	13.09	1	40S ribosomal protein S3	475.29	44.86	9
Bcl-2-associated transcription factor 1	152.36	2.72	2	Endoplasmic reticulum chaperone BiP	472.58	23.09	9
ADP/ATP translocase 2	152.06	3.79	1	Nucleolar protein 56	451.79	17.85	8
40S ribosomal protein S18	145.10	18.42	3	Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase	442.88	15.27	10
Splicing factor 3B subunit 2	143.33	3.58	3	Heterogeneous nuclear ribonucleoprotein K	435.98	25.92	9
CLIP-associating protein 2	142.95	3.40	3	RNA-binding protein 39	434.24	17.92	8
60S ribosomal protein L4	142.48	8.43	3	ATP-dependent DNA/RNA helicase DHX36	427.30	15.48	11
40S ribosomal protein S3a	140.28	5.04	3	SRSF protein kinase 1	414.41	13.13	6
alcium homeostasis endoplasmic reticulum prote	137.63	5.68	4	Guanine nucleotide-binding protein-like 3	412.08	18.21	6
Methylosome protein 50	126.19	13.45	3	Putative ATP-dependent RNA helicase	405.73	10.82	10
Highly divergent homeobox	125.07	5.80	3	Lupus La protein	402.51	26.96	11
Heterogeneous nuclear ribonucleoproteins A2/B1	123.40	2.87	2	U1 small nuclear ribonucleoprotein 70 kDa	401.99	22.20	9
Sialic acid-binding Ig-like lectin 14	118.43	1.02	3	Heterogeneous nuclear ribonucleoprotein H	383.15	25.17	6
Probable ATP-dependent RNA helicase DDX5	116.16	4.72	3	Heterogeneous nuclear ribonucleoprotein F	379.43	21.93	5
40S ribosomal protein S6	111.90	8.03	2	H/ACA ribonucleoprotein complex subunit DKC1	370.53	21.79	8
Phosphorylase b kinase regulatory subunit beta	108.17	3.48	3	Replication factor C subunit 1	369.71	8.80	8
60S ribosomal protein L6	106.50	10.42	3	Cell growth-regulating nucleolar protein	366.63	21.11	6
Homeobox protein PKNOX2	103.71	0.94	2	Cell division cycle 5-like protein	366.50	17.83	10
Serine/arginine-rich splicing factor 6	102.24	6.10	2	Nucleolar protein 58	356.73	16.45	6
Methylosome subunit pICln	101.19	5.49	1	Putative oxidoreductase GLYR1	354.87	10.31	5

Luc7-like protein 3	100.06	6.71	2	Exosome component 10	348.83	15.14	10
Alpha-hemolysin	95.51	7.52	2	Tubulin alpha-4A chain	347.75	19.64	1
Interleukin enhancer-binding factor 3	94.31	1.90	2	Ras GTPase-activating protein-binding protein 1	343.08	19.31	5
Elongation factor 1-alpha 1	93.81	5.84	2	Putative RNA-binding protein Luc7-like 2	339.80	19.13	5
Neurogenic locus notch homolog protein 2	92.60	0.85	2	RRP12-like protein	330.19	6.71	7
Fibrinogen-binding protein	92.25	16.36	2	Serine/arginine-rich splicing factor 4	328.53	11.94	3
Thioredoxin	91.67	20.95	2	Caprin-1	327.74	11.14	7
Protein arginine N-methyltransferase 1	90.44	7.01	2	Nucleolar GTP-binding protein 1	327.52	15.30	9
Serine/threonine-protein kinase RIO1	88.83	3.87	2	Insulin-like growth factor 2 mRNA-binding protein 1	324.18	17.16	6
Influenza virus NS1A-binding protein	86.79	3.12	2	Ras GTPase-activating protein-binding protein 2	320.72	14.52	3
Spindlin-1	86.09	3.82	1	Serine/arginine-rich splicing factor 6	319.85	20.93	5
Tyrosine-protein kinase JAK1	86.07	1.56	2	ATP-dependent RNA helicase DDX54	319.30	6.57	8
Heterogeneous nuclear ribonucleoprotein M	85.06	3.15	2	DNA topoisomerase 1	316.47	12.94	11
60S ribosomal protein L8	83.63	7.00	2	RNA-binding protein with multiple splicing	315.72	12.98	8
60S ribosomal protein L13	83.57	9.95	2	Splicing factor 3B subunit 1	307.81	8.28	7
40S ribosomal protein S3	83.39	8.64	2	Heterogeneous nuclear ribonucleoprotein A0	305.91	17.05	3
SprT-like domain-containing protein Spartan	82.38	0.58	2	40S ribosomal protein S9	305.74	31.44	7
Serine/arginine-rich splicing factor 7	81.77	8.82	2	60S ribosomal protein L7	305.17	29.84	8
40S ribosomal protein S14	81.29	4.16	1	E3 ubiquitin-protein ligase RNF114	303.08	6.82	8
Kinesin-like protein KIF13B	80.49	0.51	2	Heterogeneous nuclear ribonucleoprotein A3	302.65	15.34	5
40S ribosomal protein S2	77.29	6.14	2	Putative RNA-binding protein Luc7-like 1	301.13	18.87	4
60S ribosomal protein L7	74.42	4.44	1	Transcription intermediary factor 1-beta	299.68	15.21	8
Centrosomal protein of 70 kDa	74.06	1.06	1	5'-3' exoribonuclease 2	299.16	7.79	6
40S ribosomal protein S15a	71.41	10.77	1	Heterogeneous nuclear ribonucleoprotein R	299.02	14.22	6
Protein odr-4 homolog	71.05	2.20	1	Poly(U)-binding-splicing factor PUF60	297.25	10.91	6
U4/U6 small nuclear ribonucleoprotein Prp31	70.14	1.40	1	Splicing factor U2AF 65 kDa subunit	296.87	17.68	4
Histone H4	68.98	9.71	1	pre-rRNA 2'-O-ribose RNA methyltransferase FTSJ3	294.86	11.33	7
nuclear ribonucleoprotein-associated proteins B	67.19	3.33	1	La-related protein 1	293.39	7.94	6
Collagen alpha-2(XI) chain	66.93	0.40	1	U4/U6 small nuclear ribonucleoprotein Prp3	292.07	13.62	7
Zyxin	66.44	2.10	1	Probable ATP-dependent RNA helicase DHX37	282.02	7.09	6
Polypeptide N-acetylgalactosaminyltransferase 1	64.28	0.81	1	Pre-rRNA-processing protein TSR1 homolog	279.94	8.08	5

Filamin-A	62.79	0.49	1	RNA cytidine acetyltransferase	276.51	8.00	8
Pre-mRNA-processing factor 19	62.26	4.56	1	Insulin receptor substrate 4	272.84	6.92	7
GTP-binding nuclear protein Ran	61.28	5.09	1	Double-stranded RNA-binding protein Staufen homolog 1	272.35	15.42	6
T-complex protein 1 subunit epsilon	60.13	1.85	1	60S ribosomal protein L5	269.24	18.52	6
Histone H1t	59.54	5.31	1	60S acidic ribosomal protein P2	267.30	53.04	4
Nucleophosmin	59.45	4.42	1	BTB/POZ domain-containing protein KCTD15	265.80	6.38	4
2 snRNP-associated SURP motif-containing prote	59.07	1.17	1	40S ribosomal protein S8	265.20	28.85	5
Armadillo repeat-containing protein 8	58.90	1.63	1	40S ribosomal protein S6	263.63	18.47	4
60S ribosomal protein L15	58.86	4.41	1	ATP-dependent RNA helicase DDX24	262.36	10.59	6
LIM domain and actin-binding protein 1	58.20	1.58	1	Ribosomal RNA processing protein 1 homolog B	261.96	11.35	6
Ectonucleoside triphosphate diphosphohydrolase	56.79	0.58	1	Alsin	258.87	3.14	6
60S ribosomal protein L19	56.49	4.59	1	Heterogeneous nuclear ribonucleoprotein D0	257.18	21.97	5
ATP-dependent RNA helicase A	56.07	0.79	1	RuvB-like 2	256.57	16.41	6
40S ribosomal protein S8	55.97	7.21	1	Protein KRI1 homolog	256.39	9.25	5
Pinin	55.73	1.26	1	G patch domain-containing protein 4	255.05	15.25	5
60S acidic ribosomal protein P0	55.51	3.15	1	Nucleolar protein 14	250.92	8.98	6
Heterogeneous nuclear ribonucleoprotein H	55.24	3.56	1	Pyrroline-5-carboxylate reductase 2	245.85	6.09	5
Solute carrier family 13 member 4	54.05	0.32	1	40S ribosomal protein S15a	244.90	46.15	5
Paraspeckle component 1	53.78	1.53	1	60S ribosomal protein L8	237.59	16.34	5
optotic chromatin condensation inducer in the nuc	53.53	1.19	1	60S ribosomal protein L13	237.37	18.48	4
Splicing factor 3B subunit 4	53.47	1.89	1	Transformer-2 protein homolog beta	237.09	19.79	4
Filaggrin-2	53.35	0.50	1	Protein LTV1 homolog	236.86	13.26	5
60S ribosomal protein L24	53.32	8.28	1	Probable ATP-dependent RNA helicase	236.12	19.67	7
40S ribosomal protein S9	53.30	4.12	1	RNA-binding protein 28	230.78	8.43	6
Heterogeneous nuclear ribonucleoprotein Q	53.03	1.93	1	NF-kappa-B-repressing factor	230.41	10.72	7
Fatty acid synthase	52.32	0.44	1	Protein S100-A5	230.36	11.36	6
le non-functional immunoglobulin kappa variable	51.70	1.31	1	Ribosome biogenesis protein BRX1 homolog	230.01	17.00	5
Transformer-2 protein homolog beta	50.48	2.43	1	Serine/arginine-rich splicing factor 2	228.59	25.34	5
E3 ubiquitin-protein ligase TRIM21	49.71	1.89	1	Probable rRNA-processing protein EBP2	225.34	22.22	5
60S ribosomal protein L35	49.43	8.13	1	Nucleolar GTP-binding protein 2	224.74	8.76	5
Serum albumin	49.41	2.30	1	Immunoglobulin kappa variable 2D-29	223.41	10.83	1
Ribonuclease K6	48.58	1.26	1	RNA-binding protein 34	213.74	9.77	4
60S ribosomal protein L26	48.02	5.52	1	60S ribosomal protein L19	213.27	17.35	4

60S ribosomal protein L12	43.35	5.45	1
60S ribosomal protein L7a	42.01	3.38	1
40S ribosomal protein S16	41.91	6.85	1
Cell division cycle 5-like protein	39.93	1.25	1

Insulin-like growth factor 2 mRNA-binding protein 3	212.53	8.64	2
Hornerin	206.68	6.63	4
Bromodomain-containing protein 2	204.84	8.74	5
Exosome complex component RRP4	202.32	16.04	4
Heat shock protein HSP 90-beta	201.05	8.15	6
RRP15-like protein	199.44	12.41	3
U4/U6.U5 tri-snRNP-associated protein 1	198.96	8.13	4
60S ribosomal protein L15	198.77	25.98	6
Multiple myeloma tumor-associated protein 2	198.25	18.63	4
ADP/ATP translocase 3	196.24	20.81	2
G-rich sequence factor 1	192.51	11.04	4
40S ribosomal protein S18	192.36	26.97	5
Transformer-2 protein homolog alpha	191.19	15.96	4
Nucleolus and neural progenitor protein	190.70	3.26	5
Ataxin-10	190.55	4.45	4
Polyadenylate-binding protein 4	188.32	7.76	2
Ribosome biogenesis protein BMS1 homolog	186.66	3.98	4
ATP-dependent RNA helicase DDX50	181.96	5.56	4
Probable ATP-dependent RNA helicase DDX28	181.84	9.07	5
ATP-dependent RNA helicase DDX18	181.76	7.61	5
Nucleolar complex protein 4 homolog	180.62	13.18	5
60S acidic ribosomal protein P0	180.19	25.55	6
Pescadillo homolog	180.07	6.12	5
60S ribosomal protein L7a	178.64	13.16	4
Histone acetyltransferase KAT8	177.76	4.14	2
Small nuclear ribonucleoprotein-associated proteins B and B'	175.62	12.50	3
Importin subunit alpha-1	174.96	8.70	3
Polypeptide N-acetylgalactosaminyltransferase 17	174.90	3.89	4
Glutamate-rich WD repeat-containing protein 1	172.99	9.42	3
ATP-dependent RNA helicase DDX55	172.66	6.17	3
ADP/ATP translocase 2	172.35	5.02	1

40S ribosomal protein S25	172.10	24.00	4
60S ribosomal protein L26	171.06	17.93	4
Pseudouridylate synthase 7 homolog-like protein	170.52	3.05	4
AP-3 complex subunit beta-1	169.52	4.48	4
60S ribosomal protein L36	168.80	20.00	3
Serine/threonine-protein kinase PRP4 homolog	167.38	3.87	3
Zinc finger RNA-binding protein	167.37	4.38	3
Suppressor of SWI4 1 homolog	166.54	6.98	3
KRR1 small subunit processome component homolog	164.94	11.02	4
Ribosomal RNA processing protein 1 homolog A	164.63	8.03	3
Solute carrier family 13 member 4	163.03	3.15	5
60S ribosomal protein L23	162.81	16.43	2
Serine/arginine-rich splicing factor 1	162.45	15.73	4
40S ribosomal protein S16	161.46	28.08	4
Tubulin alpha chain-like 3	160.38	7.40	1
40S ribosomal protein S17	159.79	40.00	4
40S ribosomal protein S2	159.60	14.33	4
60S ribosomal protein L13a	159.51	8.05	4
TRMT1-like protein	159.02	5.87	3
Heterogeneous nuclear ribonucleoprotein A/B	158.68	7.53	2
Ribonucleases P/MRP protein subunit POP1	158.59	5.37	4
60S ribosomal protein L18	157.86	26.06	5
Nuclear RNA export factor 1	157.70	6.95	3
Squamous cell carcinoma antigen recognized by T-cells 3	155.36	5.92	5
Saccharopine dehydrogenase-like oxidoreductase	153.53	5.44	4
Probable ATP-dependent RNA helicase DDX47	153.22	9.89	4
60S ribosomal protein L14	151.65	13.95	3
60S ribosomal protein L10	151.63	14.02	3
General transcription factor 3C polypeptide 3	151.40	4.85	3

Elongation factor 1-alpha 1	151.38	12.34	4
Ribosome biogenesis regulatory protein homolog	151.17	9.32	4
40S ribosomal protein S5	148.86	17.65	3
C-Jun-amino-terminal kinase-interacting protein 4	148.84	2.50	3
Probable ATP-dependent RNA helicase DDX41	148.18	7.40	4
60S ribosomal protein L10a	147.73	12.44	3
Sex comb on midleg-like protein 2	147.69	2.70	3
Serine/threonine-protein kinase MARK2	147.51	2.93	3
60S ribosomal protein L23a	147.07	21.79	3
Phosphatidate phosphatase LPIN1	140.71	1.34	3
Probable ATP-dependent RNA helicase DDX10	140.50	3.77	3
Fragile X mental retardation syndrome-related protein 2	140.34	5.94	2
60S ribosomal protein L22-like 1	138.72	19.67	2
Plasminogen activator inhibitor 1 RNA-binding protein	138.44	6.62	2
Ribosomal L1 domain-containing protein 1	138.09	13.88	4
40S ribosomal protein SA	135.62	8.47	2
Serine/arginine-rich splicing factor 5	134.81	15.07	3
ADP-ribosylation factor-like protein 6-interacting protein 4	134.59	11.16	3
Splicing factor U2AF 35 kDa subunit-like protein	131.64	10.42	2
Pre-mRNA-processing factor 19	130.37	10.91	4
Luc7-like protein 3	129.57	11.11	3
Regulator of nonsense transcripts 3B	128.76	8.70	3
Heterogeneous nuclear ribonucleoprotein U-like protein 1	128.47	3.97	2
40S ribosomal protein S19	128.47	20.69	3
Spermatid perinuclear RNA-binding protein	127.77	4.91	1
Protein LYRIC	127.76	4.64	2
rRNA 2'-O-methyltransferase fibrillarin	125.54	17.13	4

Exosome RNA helicase MTR4	124.07	3.36	3
Lysine-specific demethylase RSBN1L	123.95	3.07	2
60S ribosomal protein L11	123.59	14.61	2
U4/U6 small nuclear ribonucleoprotein Prp4	123.48	10.34	4
Nucleosome assembly protein 1-like 1	122.06	8.95	2
Insulin-like growth factor 2 mRNA-binding protein 2	121.98	5.84	2
60S ribosomal protein L9	119.26	19.27	3
60S ribosomal protein L32	118.75	15.56	2
Serine/arginine-rich splicing factor 10	118.38	12.60	3
Heat shock 70 kDa protein 4	118.25	3.33	2
Ubiquitin carboxyl-terminal hydrolase 10	118.04	5.76	4
U4/U6 small nuclear ribonucleoprotein Prp31	115.03	6.01	3
SRSF protein kinase 2	114.62	3.78	2
REST corepressor 1	113.82	3.90	3
60S ribosomal protein L17	110.42	20.65	3
Lysine-rich nucleolar protein 1	110.22	4.15	2
Eukaryotic initiation factor 4A-I	108.59	8.62	3
ATP-dependent RNA helicase DHX8	104.28	1.64	1
Eukaryotic translation initiation factor 2 subunit 1	104.10	6.98	2
AP-3 complex subunit delta-1	103.37	2.25	2
SPATS2-like protein	102.83	5.20	2
Double-stranded RNA-binding protein Staufen homolog 2	100.17	6.84	3
60S ribosomal protein L30	99.32	21.74	3
Poly [ADP-ribose] polymerase 1	99.23	1.16	2
40S ribosomal protein S12	98.60	13.64	2
AP-2 complex subunit alpha-1	98.22	2.46	2
Splicing factor 3B subunit 3	97.90	1.81	2
60S ribosomal protein L29	97.53	14.47	2
T-complex protein 1 subunit alpha	97.38	3.96	2
40S ribosomal protein S27	95.09	15.48	1
Nucleolar MIF4G domain-containing protein	94.42	3.02	2
RNA-binding protein 10	94.37	4.52	3

U3 small nucleolar RNA-associated protein 15 homolog	94.36	5.21	2
Eukaryotic translation initiation factor 2 subunit 2	92.42	6.01	1
Heterogeneous nuclear ribonucleoprotein U-like protein 2	92.33	1.87	1
S1 RNA-binding domain-containing protein 1	92.07	1.81	2
Zinc finger protein 277	92.04	3.78	1
Protein pelota homolog	90.92	5.45	2
Delta(14)-sterol reductase LBR	90.65	1.79	1
Probable ATP-dependent RNA helicase DDX52	90.60	2.34	1
60S ribosomal protein L21	90.46	16.25	2
Zinc finger protein 512	89.87	4.41	2
Signal recognition particle 14 kDa protein	89.63	10.29	1
MAP7 domain-containing protein 1	89.34	3.21	3
Exosome complex component RRP40	89.16	5.45	1
MAP7 domain-containing protein 3	88.31	2.08	2
Elongation factor 2	88.24	2.45	2
Olfactory receptor 8G5	88.23	4.56	2
40S ribosomal protein S7	87.68	26.80	3
U3 small nucleolar RNA-associated protein 14 homolog A	87.21	3.24	2
Zinc finger protein 768	86.32	3.89	2
Zinc finger CCHC domain-containing protein 3	86.23	5.46	2
RNA-binding protein with serine-rich domain 1	86.12	8.85	2
Serine-threonine kinase receptor-associated protein	85.38	8.86	2
Elongation factor 1-gamma	84.48	6.18	2
40S ribosomal protein S28	84.43	30.43	2
p21-activated protein kinase-interacting protein 1	84.20	6.63	2
Probable ATP-dependent RNA helicase DDX27	83.44	4.15	3

Probable dimethyladenosine transferase	83.39	7.67	2
RNA cytosine C(5)-methyltransferase NSUN2	82.61	4.82	2
Constitutive coactivator of PPAR-gamma-like protein 1	82.12	1.52	1
Protein SDA1 homolog	81.33	2.91	2
Exosome complex component RRP42	80.98	9.28	2
DnaJ homolog subfamily C member 9	80.77	8.85	2
U5 small nuclear ribonucleoprotein 200 kDa helicase	80.52	0.98	2
40S ribosomal protein S13	80.50	14.57	2
Sodium-driven chloride bicarbonate	79.53	1.26	2
60S ribosomal protein L38	79.04	18.57	2
Pleiotropic regulator 1	78.81	5.45	2
RNA-binding protein 4B	78.75	4.74	2
Fragile X mental retardation syndrome-related protein 1	78.34	2.09	1
Histone H1.2	77.53	6.10	1
SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	77.14	2.00	2
Ribosome-binding protein 1	76.95	0.85	1
Signal recognition particle 9 kDa protein	76.80	12.79	1
tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6	76.35	2.01	1
AP-2 complex subunit mu	76.16	3.22	2
RNA-binding protein PNO1	75.60	9.13	1
Nucleolar transcription factor 1	75.19	1.57	1
Enhancer of rudimentary homolog	75.09	16.35	2
Replication factor C subunit 2	74.85	2.54	1
60S ribosomal protein L31	73.86	18.40	2
Heterogeneous nuclear ribonucleoprotein D-like	73.03	5.71	1
Probable ATP-dependent RNA helicase DDX31	68.79	2.12	2
Tumor suppressor ARF	68.60	14.39	1
RNA 3'-terminal phosphate cyclase	67.98	2.73	1

La-related protein 7	67.39	2.41	1
60S ribosomal protein L28	67.06	8.76	1
40S ribosomal protein S20	66.64	9.24	1
Acyl-CoA dehydrogenase family member 11	66.60	0.50	1
60S ribosomal protein L22	66.48	10.16	1
NHP2-like protein 1	66.42	9.38	1
PHD finger protein 6	65.45	8.49	2
General transcription factor 3C polypeptide 4	65.33	1.95	1
ATP-dependent RNA helicase DHX29	65.01	0.88	1
Probable 28S rRNA (cytosine-C(5))-methyltransferase	64.67	2.33	1
Pinin	63.17	1.12	1
Exosome complex component RRP43	63.12	4.71	1
Splicing factor 3B subunit 4	62.87	3.30	1
Histone H4	62.87	9.71	1
U2 snRNP-associated SURP motif-containing protein	62.72	1.17	1
Heterogeneous nuclear ribonucleoproteins C1/C2	62.34	3.59	1
Ensconsin	62.22	1.47	1
Serine/arginine-rich splicing factor 11	61.68	2.89	1
Transcriptional activator protein Pur-alpha	61.61	7.14	1
60S ribosomal protein L24	61.54	5.73	1
Zinc finger protein 689	61.17	2.20	1
Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha	60.65	1.78	1
Putative uncharacterized protein encoded by CACTIN-AS1	60.50	1.37	1
Exosome complex component RRP41	60.07	4.08	1
Homeobox protein PKNOX2	59.58	0.39	1
WD repeat-containing protein 3	59.45	1.80	2
U2 small nuclear ribonucleoprotein A'	58.80	5.49	1
RNA-binding protein 14	58.63	3.59	1
Serum albumin	58.34	2.46	1
60S ribosomal protein L37a	58.20	19.57	1
U3 small nucleolar RNA-interacting protein 2	57.07	3.58	1

Proliferation marker protein Ki-67	56.68	1.01	1
Splicing factor 3B subunit 2	56.64	1.34	1
MKI67 FHA domain-interacting nucleolar phosphoprotein	56.46	4.78	1
Protein CMSS1	56.25	2.51	1
Transducin beta-like protein 3	56.17	1.73	1
40S ribosomal protein S24	55.74	11.28	1
DBIRD complex subunit ZNF326	55.58	2.06	1
Nucleolar protein 16	55.38	3.93	1
60S ribosomal protein L27	55.28	5.88	1
Motor neuron and pancreas homeobox protein 1	55.26	1.21	1
Arginine and glutamate-rich protein 1	54.17	2.93	1
Protein S100-A1	54.12	1.72	1
ATPase family AAA domain-containing protein 3A	53.98	1.74	1
Serine/arginine-rich splicing factor 7	53.89	5.04	1
Exosome complex component RRP45	53.07	2.51	1
Testis-specific Y-encoded-like protein 1	52.98	3.89	1
RuvB-like 1	52.34	4.82	1
Polypyrimidine tract-binding protein 1	52.30	4.33	1
60S ribosomal protein L12	52.08	5.45	1
WD repeat-containing protein 6	51.97	0.80	1
Reticulocalbin-2	51.61	4.73	1
Aldo-keto reductase family 1 member C3	51.47	0.78	1
YTH domain-containing family protein 1	51.20	1.61	1
Periodic tryptophan protein 1 homolog	50.74	2.20	1
60S ribosomal protein L27a	50.72	0.73	1
Phosphorylase b kinase regulatory subunit	50.71	0.91	1
Zinc finger protein 771	50.67	4.10	1
Histone H1.10	50.52	7.04	1
Synaptic functional regulator FMR1	50.36	2.06	1
Uncharacterized protein C1orf167	50.24	0.54	1
Protein RRP5 homolog	50.07	0.53	1
Heterochromatin protein 1-binding protein 3	49.95	1.45	1
Zinc finger protein 787	49.92	4.19	1

Exosome complex component MTR3	49.86	4.04	1
Zinc finger and BTB domain-containing protein 11	49.86	1.04	1
40S ribosomal protein S10	49.39	9.09	1
Prothymosin alpha	49.09	12.61	1
Serine/arginine-rich splicing factor 9	48.52	4.07	1
Regulator of nonsense transcripts 1	48.29	0.97	1
Synaptopodin 2-like protein	48.28	0.72	1
Ribosome biogenesis protein NOP53	48.07	2.72	1
Helicase MOV-10	47.20	0.90	1
40S ribosomal protein S23	46.96	7.69	1
D-3-phosphoglycerate dehydrogenase	46.65	2.81	1
DNA damage-binding protein 1	46.51	0.79	1
DDB1- and CUL4-associated factor 4	46.45	2.02	1
THO complex subunit 4	46.11	4.28	1
Solute carrier family 41 member 1	45.94	0.85	1
Microprocessor complex subunit DGCR8	45.84	1.29	1
MAP/microtubule affinity-regulating kinase 3	44.88	3.19	1
Nuclear fragile X mental retardation-interacting protein 1	44.87	2.22	1
T-complex protein 1 subunit beta	44.81	2.24	1
Pre-mRNA-splicing factor CWC22 homolog	44.72	0.85	1
Filaggrin-2	44.41	0.50	1
RNA-binding protein 27	44.31	1.51	1
A-kinase anchor protein 8-like	44.25	1.24	1
40S ribosomal protein S11	44.23	5.06	1
Ectonucleoside triphosphate diphosphohydrolase 8	44.16	0.58	1
Mitochondrial 2-oxoglutarate/malate carrier protein	44.03	5.10	1
Gem-associated protein 4	43.46	1.42	1
UPF0488 protein C8orf33	43.41	3.93	1
Probable ATP-dependent RNA helicase DDX56	43.32	1.83	1
60S ribosomal protein L18a	43.24	3.41	1
Kinesin-like protein KIF13B	43.21	0.31	1

E3 ubiquitin-protein ligase TRIM21	43.06	1.89	1
Matrin-3	43.01	1.77	1
Zinc finger protein with KRAB and SCAN domains 8	43.01	2.25	1
Histone H3.3C	42.95	5.19	1
SR-related and CTD-associated factor 4	42.95	1.05	1
Probable ATP-dependent RNA helicase DDX20	42.93	2.18	1
Transcriptional activator protein Pur-beta	42.49	1.05	1
Eukaryotic translation initiation factor 2 subunit 3	42.40	2.33	1
A-kinase anchor protein 17A	42.32	1.15	1
General transcription factor 3C polypeptide 5	41.68	2.12	1
Slit homolog 2 protein	41.66	1.05	1
Surfeit locus protein 6	41.59	1.94	1
Cold shock domain-containing protein E1	41.27	1.13	1
Structural maintenance of chromosomes protein 4	40.57	0.54	1
Replication factor C subunit 4	40.20	3.58	1
Nucleolar and spindle-associated protein 1	40.20	4.54	1
DNA-directed RNA polymerase I subunit RPA2	40.06	0.97	1
Dermcidin	39.74	10.00	1
Replication factor C subunit 5	38.71	4.12	1
RNA-binding protein FUS	36.03	4.56	1
Histone H2A.Z	34.66	5.47	1
RNA-binding protein 42	34.04	2.08	1