

## Supplementary File 8

List of differentially expressed proteins in siBRG1 by LC-MS/MS analysis.

Relative protein quantification was performed using iTRAQ reagents and LC-MS/MS. Differential expression was defined

AC	Description	siBRG1/ CTRL
Q99714	3-hydroxyacyl-CoA dehydrogenase type-2	0,55
P62277	40S ribosomal protein S13	0,62
P62249	40S ribosomal protein S16	0,53
P23396	40S ribosomal protein S3	0,60
P62701	40S ribosomal protein S4, X isoform	0,52
P08865	40S ribosomal protein SA	0,56
P08195	4F2 cell-surface antigen heavy chain	0,62
P21589	5'-nucleotidase	0,57
P05388	60S acidic ribosomal protein P0	0,63
P61313	60S ribosomal protein L15	0,48
Q9UNX3	60S ribosomal protein L26-like 1	0,57
P36578	60S ribosomal protein L4	0,63
Q02878	60S ribosomal protein L6	0,61
P18124	60S ribosomal protein L7	0,56
P24752	Acetyl-CoA acetyltransferase, mitochondrial	0,43
P60709	Actin, cytoplasmic 1	0,64
P23526	Adenosylhomocysteinase	0,50
P18085	ADP-ribosylation factor 4	0,57
P30837	Aldehyde dehydrogenase X, mitochondrial	0,49
Q9NVD7	Alpha-parvin	0,46
P50995	Annexin A11	0,55
P07355	Annexin A2	0,55
P08758	Annexin A5	0,45
P08133	Annexin A6	0,57
P20073	Annexin A7	0,51
O43747	AP-1 complex subunit gamma-1	0,51
P63010	AP-2 complex subunit beta	0,52
Q96CW1	AP-2 complex subunit mu	0,50
O00203	AP-3 complex subunit beta-1	0,65
P00505	Aspartate aminotransferase, mitochondrial	0,57
Q12797	Aspartyl/asparaginyl beta-hydroxylase	0,50
Q6DD88	Atlastin-3	0,55
P56134	ATP synthase subunit f, mitochondrial	0,65
P48047	ATP synthase subunit O, mitochondrial	0,50
P53396	ATP-citrate synthase	0,65
P46063	ATP-dependent DNA helicase Q1	0,52
O00148	ATP-dependent RNA helicase DDX39A	0,48
O00571	ATP-dependent RNA helicase DDX3X	0,57
Q15417	Calponin-3	0,64
P60033	CD81 antigen	0,60
O75390	Citrate synthase, mitochondrial	0,55
P53621	Coatamer subunit alpha	0,54
Q9Y678	Coatamer subunit gamma-1	0,57
O75534	Cold shock domain-containing protein E1	0,61
Q99829	Copine-1	0,45
O75131	Copine-3	0,53
Q86VP6	Cullin-associated NEDD8-dissociated protein 1	0,65
P08574	Cytochrome c1, heme protein, mitochondrial	0,65
Q14204	Cytoplasmic dynein 1 heavy chain 1	0,55
O43175	D-3-phosphoglycerate dehydrogenase	0,63
P54886	Delta-1-pyrroline-5-carboxylate synthase	0,64
Q16531	DNA damage-binding protein 1	0,49

P27695	DNA- lyase	0,48
P04844	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase subunit 2	0,54
O43854	EGF-like repeat and discoidin I-like domain-containing protein 3	0,34
Q9UKM7	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase	0,52
P07099	Epoxide hydrolase 1	0,51
Q53GQ0	Estradiol 17-beta-dehydrogenase 12	0,56
P60842	Eukaryotic initiation factor 4A-I	0,65
Q9Y262	Eukaryotic translation initiation factor 3 subunit L	0,47
Q9BSJ8	Extended synaptotagmin-1	0,54
Q16658	Fascin	0,62
P17931	Galectin-3	0,57
P06744	Glucose-6-phosphate isomerase	0,50
O94925	Glutaminase kidney isoform, mitochondrial	0,54
P47897	Glutamine--tRNA ligase	0,63
P09211	Glutathione S-transferase P	0,49
P43304	Glycerol-3-phosphate dehydrogenase, mitochondrial	0,61
P41250	Glycine--tRNA ligase	0,34
P63092	Guanine nucleotide-binding protein G subunit alpha isoforms short	0,59
P04899	Guanine nucleotide-binding protein G subunit alpha-2	0,58
Q9BUJ2	Heterogeneous nuclear ribonucleoprotein U-like protein 1	0,38
P19367	Hexokinase-1	0,45
P06899	Histone H2B type 1-J	0,56
O60814	Histone H2B type 1-K	0,44
O00629	Importin subunit alpha-3	0,57
Q12905	Interleukin enhancer-binding factor 2	0,56
P48735	Isocitrate dehydrogenase , mitochondrial	0,59
Q08431	Lactadherin	0,57
P42704	Leucine-rich PPR motif-containing protein, mitochondrial	0,57
Q96AG4	Leucine-rich repeat-containing protein 59	0,56
P00338	L-lactate dehydrogenase A chain	0,56
P40926	Malate dehydrogenase, mitochondrial	0,45
Q13724	Mannosyl-oligosaccharide glucosidase	0,58
Q9Y6C9	Mitochondrial carrier homolog 2	0,62
Q10713	Mitochondrial-processing peptidase subunit alpha	0,50
Q9BQG0	Myb-binding protein 1A	0,56
Q9UJ70	N-acetyl-D-glucosamine kinase	0,37
Q13423	NAD transhydrogenase, mitochondrial	0,65
Q16795	NADH dehydrogenase 1 alpha subcomplex subunit 9, mitochondrial	0,50
O75489	NADH dehydrogenase iron-sulfur protein 3, mitochondrial	0,64
P00387	NADH-cytochrome b5 reductase 3	0,58
A2RRP1	Neuroblastoma-amplified sequence	0,63
Q14697	Neutral alpha-glucosidase AB	0,64
Q15758	Neutral amino acid transporter B	0,50
P69849	Nodal modulator 3	0,64
P23284	Peptidyl-prolyl cis-trans isomerase B	0,62
Q00325	Phosphate carrier protein, mitochondrial	0,62
P36871	Phosphoglucomutase-1	0,53
P13797	Plastin-3	0,48
Q8TCS8	Polyribonucleotide nucleotidyltransferase 1, mitochondrial	0,66
Q9UMS4	Pre-mRNA-processing factor 19	0,58
Q93008	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	0,59
Q8NBJS	Procollagen galactosyltransferase 1	0,54
Q02809	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	0,62
O00469	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	0,52
O75340	Programmed cell death protein 6	0,55
Q8IVL6	Prolyl 3-hydroxylase 3	0,62
P60900	Proteasome subunit alpha type-6	0,62
P20618	Proteasome subunit beta type-1	0,49

P41223	Protein BUD31 homolog	0,56
Q8WUJ3	Protein KIAA1199	0,49
P21980	Protein-glutamine gamma-glutamyltransferase 2 )	0,55
Q9H853	Putative tubulin-like protein alpha-4B	0,47
P14618	Pyruvate kinase PKM	0,65
P63000	Ras-related C3 botulinum toxin substrate 1	0,54
P61026	Ras-related protein Rab-10	0,62
Q9H0U4	Ras-related protein Rab-1B	0,62
Q9UL25	Ras-related protein Rab-21	0,66
P61019	Ras-related protein Rab-2A	0,64
Q15286	Ras-related protein Rab-35	0,63
P61224	Ras-related protein Rap-1b	0,61
P10301	Ras-related protein R-Ras	0,42
Q9NQC3	Reticulon-4	0,64
P60891	Ribose-phosphate pyrophosphokinase 1	0,63
O76021	Ribosomal L1 domain-containing protein 1	0,66
Q15019	Septin-2	0,61
Q9UHD8	Septin-9	0,63
P34897	Serine hydroxymethyltransferase, mitochondrial	0,65
P62318	Small nuclear ribonucleoprotein Sm D3	0,61
Q13838	Spliceosome RNA helicase DDX39B	0,46
P26368	Splicing factor U2AF 65 kDa subunit )	0,61
Q16881	Thioredoxin reductase 1, cytoplasmic	0,45
P04216	Thy-1 membrane glycoprotein	0,54
P37837	Transaldolase	0,63
P02786	Transferrin receptor protein 1	0,62
P29401	Transketolase	0,58
P51571	Translocon-associated protein subunit delta	0,47
Q9BTV4	Transmembrane protein 43	0,65
P22314	Ubiquitin-like modifier-activating enzyme 1	0,53
Q96QK1	Vacuolar protein sorting-associated protein 35	0,64
P26640	Valine--tRNA ligase	0,55
P21796	Voltage-dependent anion-selective channel protein 1	0,57
O75083	WD repeat-containing protein 1	0,61

---

regulated by a relative abundance ratio  $\geq 1.50$  and  $\leq 0.66$ .

pValue	Regulation	AC
6,72E-03	Down	P61604
2,41E-04	Down	P25398
4,54E-06	Down	P62753
5,27E-09	Down	P10809
2,78E-04	Down	P05387
6,68E-06	Down	Q02952
4,03E-04	Down	Q9Y2D5
4,18E-05	Down	P30533
1,75E-03	Down	Q9P0K7
3,60E-06	Down	Q9UKV3
1,46E-04	Down	O75947
2,87E-07	Down	P30049
1,68E-07	Down	O95816
2,54E-07	Down	P51572
7,82E-03	Down	P61769
6,89E-22	Down	Q05682
1,00E-02	Down	P62158
3,39E-06	Down	O43852
5,55E-04	Down	Q14444
1,26E-02	Down	P16070
1,75E-06	Down	Q16630
3,95E-22	Down	P23528
2,02E-18	Down	Q9NX63
3,75E-26	Down	Q07021
5,03E-06	Down	P14927
3,57E-02	Down	P20674
1,19E-02	Down	P10606
3,20E-04	Down	Q07065
1,72E-02	Down	P55265
8,20E-04	Down	Q16643
7,34E-03	Down	Q13561
3,84E-10	Down	P24534
5,14E-03	Down	P29692
5,81E-05	Down	P50402
2,39E-02	Down	O14602
2,88E-02	Down	P63241
3,09E-03	Down	P15311
1,11E-09	Down	Q96AE4
5,49E-05	Down	Q92945
2,00E-02	Down	Q14315
4,96E-09	Down	Q12841
7,14E-12	Down	P14314
9,53E-06	Down	Q12849
2,89E-05	Down	P04792
2,17E-07	Down	Q99729
9,57E-05	Down	Q13151
5,63E-06	Down	P09651
9,01E-05	Down	P51991
1,36E-03	Down	O14979
7,60E-07	Down	P38159
5,55E-04	Down	P31942
2,26E-04	Down	O60506

2,49E-03	Down	P22626
1,03E-09	Down	P16403
6,08E-05	Down	P16401
3,87E-04	Down	Q9Y4L1
1,62E-03	Down	P20591
8,00E-05	Down	P13645
2,33E-06	Down	P02533
2,01E-09	Down	P35527
8,29E-04	Down	P04264
1,32E-04	Down	Q86UP2
5,14E-03	Down	P20700
6,37E-05	Down	Q03252
1,27E-02	Down	Q9UHB6
9,99E-03	Down	Q14764
4,35E-04	Down	P43243
1,10E-02	Down	Q16891
2,11E-03	Down	P26038
1,10E-03	Down	P60660
1,35E-03	Down	P35580
2,90E-02	Down	O75380
9,28E-08	Down	Q09666
2,96E-03	Down	Q0ZGT2
2,65E-06	Down	Q9H930
4,89E-02	Down	Q14980
1,04E-04	Down	P67809
1,00E-02	Down	Q02818
1,97E-03	Down	P19338
7,72E-03	Down	P06748
2,74E-13	Down	P12270
4,61E-04	Down	Q99733
6,27E-13	Down	Q00688
1,02E-05	Down	Q6NYC8
2,41E-05	Down	Q8NC51
2,54E-03	Down	Q15149
2,57E-08	Down	P11940
2,48E-02	Down	Q6NZI2
3,66E-02	Down	P0CG47
2,21E-03	Down	P02545
1,04E-02	Down	P07602
6,08E-03	Down	O14737
1,51E-02	Down	P07237
2,55E-06	Down	P31949
4,68E-05	Down	Q99584
1,01E-02	Down	Q01105
4,86E-10	Down	P98179
2,33E-04	Down	Q9HBR0
2,60E-04	Down	Q13283
1,97E-03	Down	Q15293
1,31E-05	Down	Q96D15
8,62E-05	Down	Q9P2E9
1,14E-03	Down	P49756
1,78E-03	Down	Q01844
3,77E-03	Down	P35637
1,85E-04	Down	Q07955
7,16E-03	Down	Q13243
8,60E-04	Down	Q13247
5,35E-05	Down	Q16629
1,12E-02	Down	Q13242

1,53E-02	Down	P02768
2,36E-04	Down	O75368
1,14E-04	Down	Q9H299
4,55E-04	Down	P42224
5,08E-05	Down	Q13813
4,87E-02	Down	Q01082
1,20E-02	Down	Q14247
1,16E-07	Down	P16949
1,96E-04	Down	Q9UJZ1
3,51E-05	Down	Q8TAQ2
8,02E-06	Down	Q86Y82
5,81E-04	Down	O15400
2,72E-04	Down	Q8NBS9
8,19E-05	Down	O14776
2,43E-02	Down	P62995
3,03E-04	Down	Q13641
2,51E-03	Down	P09493
4,67E-03	Down	P06753
4,49E-02	Down	P67936
1,64E-03	Down	P07951
3,26E-04	Down	P68371
1,07E-03	Down	O15042
4,82E-02	Down	P54727
3,35E-07	Down	Q9P0L0
3,25E-04	Down	O75396
2,82E-05	Down	P08670
1,18E-03	Down	Q9Y2W2
2,81E-03	Down	<u>Q15942</u>
5,83E-08	Down	
1,46E-08	Down	
7,07E-05	Down	
1,66E-02	Down	
6,37E-10	Down	
<u>1,68E-05</u>	<u>Down</u>	

Description	siBRG1/ CTRL
10 kDa heat shock protein, mitochondrial	2,54
40S ribosomal protein S12	1,93
40S ribosomal protein S6	1,53
60 kDa heat shock protein, mitochondrial	2,39
60S acidic ribosomal protein P2	2,13
A-kinase anchor protein 12	5,93
A-kinase anchor protein 2	2,43
Alpha-2-macroglobulin receptor-associated protein	2,61
Ankyrin	4,04
Apoptotic chromatin condensation inducer in the nucleus	2,23
ATP synthase subunit d, mitochondrial	3,24
ATP synthase subunit delta, mitochondrial	2,44
BAG family molecular chaperone regulator 2	1,70
B-cell receptor-associated protein 31	1,77
Beta-2-microglobulin form pI 5.3	4,32
Caldesmon	2,22
Calmodulin	4,54
Calumenin	3,98
Caprin-1	2,83
CD44 antigen	1,97
Cleavage and polyadenylation specificity factor subunit 6	3,65
Cofilin-1	1,82
Coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial	4,76
Complement component 1 Q subcomponent-binding protein, mitochondrial	2,36
Cytochrome b-c1 complex subunit 7	1,60
Cytochrome c oxidase subunit 5A, mitochondrial	2,33
Cytochrome c oxidase subunit 5B, mitochondrial	2,61
Cytoskeleton-associated protein 4	2,47
Double-stranded RNA-specific adenosine deaminase	1,67
Drebrin	2,00
Dynactin subunit 2	1,71
Elongation factor 1-beta	2,11
Elongation factor 1-delta	2,48
Emerin	2,85
Eukaryotic translation initiation factor 1A, Y-chromosomal	2,34
Eukaryotic translation initiation factor 5A-1	2,19
Ezrin	2,63
Far upstream element-binding protein 1	1,90
Far upstream element-binding protein 2	1,94
Filamin-C	1,64
Follistatin-related protein 1	2,80
Glucosidase 2 subunit beta	1,98
G-rich sequence factor 1	1,66
Heat shock protein beta-1	2,38
Heterogeneous nuclear ribonucleoprotein A/B	2,69
Heterogeneous nuclear ribonucleoprotein A0	1,71
Heterogeneous nuclear ribonucleoprotein A1	1,91
Heterogeneous nuclear ribonucleoprotein A3	1,59
Heterogeneous nuclear ribonucleoprotein D-like	3,20
Heterogeneous nuclear ribonucleoprotein G, N-terminally processed	2,92
Heterogeneous nuclear ribonucleoprotein H3	2,75
Heterogeneous nuclear ribonucleoprotein Q	1,55

Heterogeneous nuclear ribonucleoproteins A2/B1	1,91
Histone H1.2	2,49
Histone H1.5	2,44
Hypoxia up-regulated protein 1	1,71
Interferon-induced GTP-binding protein Mx1, N-terminally processed	3,49
Keratin, type I cytoskeletal 10	1,71
Keratin, type I cytoskeletal 14	2,13
Keratin, type I cytoskeletal 9	2,55
Keratin, type II cytoskeletal 1	2,34
Kinectin	2,58
Lamin-B1	3,35
Lamin-B2	4,01
LIM domain and actin-binding protein 1	2,40
Major vault protein	1,77
Matrin-3	1,68
Mitochondrial inner membrane protein	2,40
Moesin	2,88
Myosin light polypeptide 6	3,46
Myosin-10	1,83
NADH dehydrogenase iron-sulfur protein 6, mitochondrial	3,89
Neuroblast differentiation-associated protein AHNAK	2,49
Nexilin	4,75
Nuclear body protein SP140-like protein	1,74
Nuclear mitotic apparatus protein 1	3,58
Nuclease-sensitive element-binding protein 1	3,57
Nucleobindin-1	3,07
Nucleolin	2,27
Nucleophosmin	3,80
Nucleoprotein TPR	1,88
Nucleosome assembly protein 1-like 4	1,63
Peptidyl-prolyl cis-trans isomerase FKBP3	2,47
Phostensin	4,34
Plasminogen activator inhibitor 1 RNA-binding protein	2,35
Plectin	1,73
Polyadenylate-binding protein 1	1,77
Polymerase I and transcript release factor	1,58
Polyubiquitin-B	5,03
Prelamin-A/C	3,69
Proactivator polypeptide	3,23
Programmed cell death protein 5	3,05
Protein disulfide-isomerase	1,66
Protein S100-A11	1,82
Protein S100-A13	3,23
Protein SET	3,07
Putative RNA-binding protein 3	2,00
Putative sodium-coupled neutral amino acid transporter 10	2,97
Ras GTPase-activating protein-binding protein 1	1,54
Reticulocalbin-1	5,42
Reticulocalbin-3	3,83
Ribosome-binding protein 1	3,14
RNA-binding protein 25	3,25
RNA-binding protein EWS	3,71
RNA-binding protein FUS	5,09
Serine/arginine-rich splicing factor 1	2,38
Serine/arginine-rich splicing factor 5	2,95
Serine/arginine-rich splicing factor 6	2,68
Serine/arginine-rich splicing factor 7	2,07
Serine/arginine-rich splicing factor 9	1,89



Serum albumin	4,36
SH3 domain-binding glutamic acid-rich-like protein	2,55
SH3 domain-binding glutamic acid-rich-like protein 3	3,00
Signal transducer and activator of transcription 1-alpha/beta	2,82
Spectrin alpha chain, non-erythrocytic 1	1,87
Spectrin beta chain, non-erythrocytic 1	1,67
Src substrate cortactin	2,57
Stathmin	3,66
Stomatin-like protein 2	2,54
SWI/SNF complex subunit SMARCC2	1,62
Syntaxin-12	1,64
Syntaxin-7	2,10
Thioredoxin domain-containing protein 5	2,20
Transcription elongation regulator 1	2,91
Transformer-2 protein homolog beta	1,57
Trophoblast glycoprotein	1,67
Tropomyosin alpha-1 chain	3,63
Tropomyosin alpha-3 chain	4,34
Tropomyosin alpha-4 chain	4,81
Tropomyosin beta chain	3,44
Tubulin beta-4B chain	2,17
U2-associated protein SR140	3,31
UV excision repair protein RAD23 homolog B	3,65
Vesicle-associated membrane protein-associated protein A	1,79
Vesicle-trafficking protein SEC22b	1,83
Vimentin	4,57
WW domain-binding protein 11	2,18
Zyxin	2,41

---

pValue	Regulation
3,26E-08	Up
4,55E-12	Up
4,20E-02	Up
6,76E-17	Up
9,36E-14	Up
8,03E-06	Up
1,41E-02	Up
1,19E-02	Up
2,31E-02	Up
2,01E-04	Up
9,06E-09	Up
2,77E-04	Up
4,12E-03	Up
1,33E-05	Up
1,31E-05	Up
8,97E-13	Up
6,52E-14	Up
8,85E-14	Up
3,19E-06	Up
2,29E-03	Up
6,87E-06	Up
3,73E-05	Up
3,05E-04	Up
2,74E-05	Up
1,13E-03	Up
5,08E-05	Up
7,49E-12	Up
1,25E-38	Up
1,87E-03	Up
4,81E-05	Up
1,45E-02	Up
1,13E-03	Up
4,60E-15	Up
2,08E-05	Up
2,74E-02	Up
3,98E-10	Up
1,40E-02	Up
1,36E-06	Up
1,96E-06	Up
7,12E-03	Up
4,17E-03	Up
1,24E-04	Up
2,33E-02	Up
4,37E-06	Up
2,71E-12	Up
1,36E-02	Up
4,87E-13	Up
5,33E-04	Up
2,08E-04	Up
1,08E-06	Up
1,96E-03	Up
4,39E-03	Up

1,95E-15	Up
5,43E-13	Up
1,03E-03	Up
3,28E-02	Up
1,35E-02	Up
3,26E-19	Up
1,26E-03	Up
4,01E-15	Up
1,27E-25	Up
3,62E-06	Up
2,09E-22	Up
1,13E-04	Up
2,04E-07	Up
3,34E-07	Up
5,48E-05	Up
4,55E-06	Up
2,14E-07	Up
5,76E-35	Up
2,25E-02	Up
6,96E-08	Up
1,17E-39	Up
7,87E-06	Up
3,86E-04	Up
2,15E-13	Up
4,36E-21	Up
1,57E-06	Up
3,71E-16	Up
1,20E-03	Up
1,59E-02	Up
4,11E-02	Up
3,84E-04	Up
5,57E-04	Up
7,11E-05	Up
4,95E-19	Up
7,11E-05	Up
1,60E-06	Up
1,72E-16	Up
6,32E-122	Up
1,75E-10	Up
1,26E-04	Up
3,84E-14	Up
2,78E-11	Up
3,78E-07	Up
4,75E-09	Up
4,08E-02	Up
3,78E-03	Up
1,79E-02	Up
8,71E-04	Up
3,11E-14	Up
2,61E-39	Up
4,98E-07	Up
9,48E-07	Up
2,49E-16	Up
2,44E-13	Up
2,13E-03	Up
9,33E-03	Up
1,93E-05	Up
3,51E-03	Up

1,31E-05	Up
9,08E-06	Up
9,07E-05	Up
2,41E-02	Up
1,43E-30	Up
4,58E-08	Up
1,82E-07	Up
1,20E-03	Up
4,15E-04	Up
2,48E-03	Up
9,08E-04	Up
1,91E-03	Up
2,38E-15	Up
3,70E-02	Up
3,04E-04	Up
1,80E-02	Up
5,46E-03	Up
4,72E-26	Up
2,77E-22	Up
1,33E-03	Up
1,18E-04	Up
9,51E-04	Up
3,22E-10	Up
1,67E-03	Up
3,47E-04	Up
2,06E-235	Up
5,99E-05	Up
1,15E-05	Up

---

**Supplementary Table S3**

List of proteins identified by LC-MS/MS analysis in siBRG1 with no expression changes in their expression level. Relative protein quantification was performed using iTRAQ reagents and LC-MS/MS. Differential expression was

AC	Description
P08708	40S ribosomal protein S17
P62269	40S ribosomal protein S18
P15880	40S ribosomal protein S2
P62851	40S ribosomal protein S25
P46781	40S ribosomal protein S9
P62913	60S ribosomal protein L11
P26373	60S ribosomal protein L13
P50914	60S ribosomal protein L14
Q07020	60S ribosomal protein L18
Q02543	60S ribosomal protein L18a
P62829	60S ribosomal protein L23
P62750	60S ribosomal protein L23a
P61353	60S ribosomal protein L27
P46776	60S ribosomal protein L27a
P62424	60S ribosomal protein L7a
P59998	Actin-related protein 2/3 complex subunit 4
P12236	ADP/ATP translocase 3
P12814	Alpha-actinin-1
P06733	Alpha-enolase
P15144	Aminopeptidase N
P04083	Annexin A1
O95782	AP-2 complex subunit alpha-1
Q8TF01	Arginine/serine-rich protein PNISR
P24539	ATP synthase subunit b, mitochondrial
P06576	ATP synthase subunit beta, mitochondrial
P36542	ATP synthase subunit gamma, mitochondrial
P61221	ATP-binding cassette sub-family E member 1
Q08211	ATP-dependent RNA helicase A
O75531	Barrier-to-autointegration factor
Q13425	Beta-2-syntrophin
P13929	Beta-enolase
P27824	Calnexin
P04632	Calpain small subunit 1
P16152	Carbonyl reductase 1
Q13740	CD166 antigen
P13987	CD59 glycoprotein
P60953	Cell division control protein 42 homolog
Q00610	Clathrin heavy chain 1
P53618	Coatamer subunit beta
P48444	Coatamer subunit delta
P02452	Collagen alpha-1 chain
Q99715	Collagen alpha-1 chain
P08123	Collagen alpha-2 chain
P12111	Collagen alpha-3 chain
O75367	Core histone macro-H2A.1
Q9UBG0	C-type mannose receptor 2
P21291	Cysteine and glycine-rich protein 1

P78527 DNA-dependent protein kinase catalytic subunit  
P39656 Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit  
P04843 Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1  
P26641 Elongation factor 1-gamma  
P13639 Elongation factor 2  
P14625 Endoplasmin  
P30084 Enoyl-CoA hydratase, mitochondrial  
O94905 Erlin-2  
P38919 Eukaryotic initiation factor 4A-III  
P41091 Eukaryotic translation initiation factor 2 subunit 3  
Q99613 Eukaryotic translation initiation factor 3 subunit C  
Q96124 Far upstream element-binding protein 3  
P21333 Filamin-A  
O75369 Filamin-B  
P04075 Fructose-bisphosphate aldolase A  
P09382 Galectin-1  
P04406 Glyceraldehyde-3-phosphate dehydrogenase  
O14653 Golgi SNAP receptor complex member 2  
P62826 GTP-binding nuclear protein Ran  
P62873 Guanine nucleotide-binding protein G/G/G subunit beta-1  
P11142 Heat shock cognate 71 kDa protein  
P07900 Heat shock protein HSP 90-alpha  
Q14103 Heterogeneous nuclear ribonucleoprotein D0  
P61978 Heterogeneous nuclear ribonucleoprotein K  
Q96QV6 Histone H2A type 1-A  
P04908 Histone H2A type 1-B/E  
P30443 HLA class I histocompatibility antigen, A-1 alpha chain  
P17301 Integrin alpha-2  
P08648 Integrin alpha-5  
P05556 Integrin beta-1  
P35908 Keratin, type II cytoskeletal 2 epidermal  
Q8WWI1 LIM domain only protein 7  
Q02978 Mitochondrial 2-oxoglutarate/malate carrier protein  
Q9NZM1 Myoferlin  
Q7Z406 Myosin-14  
P35579 Myosin-9  
Q15233 Non-POU domain-containing octamer-binding protein  
O75694 Nuclear pore complex protein Nup155  
P15531 Nucleoside diphosphate kinase A  
P62937 Peptidyl-prolyl cis-trans isomerase A  
Q96AY3 Peptidyl-prolyl cis-trans isomerase FKBP10  
P30044 Peroxiredoxin-5, mitochondrial  
P00558 Phosphoglycerate kinase 1  
P15259 Phosphoglycerate mutase 2  
P23634 Plasma membrane calcium-transporting ATPase 4  
P68402 Platelet-activating factor acetylhydrolase IB subunit beta  
P09874 Poly polymerase 1  
Q9UHX1 Poly-binding-splicing factor PUF60  
O75915 PRA1 family protein 3  
P07737 Profilin-1  
P35232 Prohibitin  
Q99623 Prohibitin-2  
Q15185 Prostaglandin E synthase 3

P28066 Proteasome subunit alpha type-5  
P30101 Protein disulfide-isomerase A3  
Q969G5 Protein kinase C delta-binding protein  
Q96FQ6 Protein S100-A16  
P61106 Ras-related protein Rab-14  
P51149 Ras-related protein Rab-7a  
P30153 Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform  
P50454 Serpin H1  
Q7KZF4 Staphylococcal nuclease domain-containing protein 1  
P38646 Stress-70 protein, mitochondrial  
P17987 T-complex protein 1 subunit alpha  
Q01995 Transgelin  
P55072 Transitional endoplasmic reticulum ATPase  
Q9Y3B3 Transmembrane emp24 domain-containing protein 7  
Q9BVK6 Transmembrane emp24 domain-containing protein 9  
P40939 Trifunctional enzyme subunit alpha, mitochondrial  
P60174 Triosephosphate isomerase  
P05161 Ubiquitin-like protein ISG15  
O00159 Unconventional myosin-Ic  
Q9Y224 UPF0568 protein C14orf166  
Q9UBQ0 Vacuolar protein sorting-associated protein 29  
Q9P035 Very-long-chain -3-hydroxyacyl- dehydratase 3  
P46459 Vesicle-fusing ATPase  
P18206 Vinculin  
P45880 Voltage-dependent anion-selective channel protein 2  
Q9Y277 Voltage-dependent anion-selective channel protein 3  
P13010 X-ray repair cross-complementing protein 5  
P12956 X-ray repair cross-complementing protein 6

---

els.

was defined by a relative abundance ratio  $\geq 1.50$  and  $\leq 0.66$ .

siBRG1/ CTRL	pValue
1,47	1,24E-02
0,79	2,82E-02
0,66	9,86E-09
0,69	6,99E-10
0,67	7,15E-06
0,73	1,45E-03
0,72	5,08E-03
0,75	3,87E-03
0,77	9,15E-04
0,66	7,58E-03
0,70	7,73E-04
1,44	1,96E-02
0,68	2,77E-02
0,72	9,79E-08
0,67	4,03E-06
0,68	3,82E-03
0,82	2,94E-05
0,66	4,43E-08
0,74	7,67E-04
0,71	6,77E-03
0,82	2,74E-03
0,68	8,83E-03
1,41	4,78E-02
0,66	4,47E-02
1,18	4,97E-04
0,88	1,90E-02
0,89	2,39E-04
0,83	1,07E-02
1,40	5,30E-03
0,75	1,90E-02
0,66	7,33E-03
0,66	3,34E-02
1,16	4,04E-05
0,76	2,65E-02
1,20	3,31E-02
0,81	7,04E-03
0,66	5,25E-03
0,69	1,61E-07
0,80	8,73E-03
0,69	1,97E-03
1,21	7,06E-03
0,70	4,16E-04
1,20	4,99E-03
0,72	6,06E-03
0,70	2,33E-05
1,33	4,38E-06
1,33	2,30E-04



0,69	4,41E-04
0,82	3,20E-03
0,69	1,97E-07
0,74	1,96E-05
0,80	1,82E-03
0,74	3,13E-03
0,68	1,14E-03
0,77	1,69E-02
0,85	3,70E-02
0,67	1,46E-03
0,80	1,51E-02
1,40	4,60E-02
1,38	1,61E-22
1,38	1,19E-05
0,79	9,97E-03
1,47	4,19E-13
0,76	3,25E-06
1,42	4,22E-03
0,70	5,64E-06
0,75	1,24E-02
0,71	1,46E-04
0,79	1,08E-02
1,44	4,14E-03
1,49	2,16E-11
0,69	7,67E-03
0,69	4,51E-15
0,67	2,98E-06
0,92	1,12E-02
1,27	6,40E-04
0,66	4,77E-09
1,14	3,83E-02
1,21	4,94E-02
0,70	9,84E-03
0,66	3,57E-09
0,68	4,78E-02
1,43	6,41E-12
0,73	1,05E-02
0,72	9,03E-03
0,88	2,46E-02
0,76	1,20E-08
1,43	7,60E-03
0,83	2,42E-04
0,71	2,95E-04
0,82	2,30E-02
0,72	2,75E-02
0,72	2,72E-02
0,86	2,76E-06
0,69	4,00E-02
1,35	2,39E-03
0,74	1,60E-04
1,38	2,38E-06
0,69	1,12E-05
1,46	3,32E-02

0,72	2,29E-05
0,82	2,05E-03
1,26	3,15E-02
0,88	5,84E-03
0,78	8,59E-03
0,73	1,17E-02
0,71	2,42E-03
0,84	3,15E-02
0,77	1,13E-02
0,75	4,21E-05
0,74	7,28E-04
0,67	1,85E-05
0,80	2,11E-02
0,75	1,66E-02
0,71	7,25E-03
0,70	1,33E-02
0,74	3,18E-09
1,38	9,98E-04
0,67	4,55E-03
1,34	9,31E-04
0,82	4,06E-02
0,75	2,94E-02
0,66	3,57E-02
1,45	6,56E-15
0,69	1,93E-06
0,67	1,84E-05
0,68	1,84E-04
0,68	1,25E-04

---