

Supplemental Table 1 Phosphotyrosine peptides spectral counts/protein in 10 sarcoma cell lines

Protein	Description	A204	RD18	MNNG	U2OS	Saos2	MG63	A673
A26CA	ANKRD26-like family C member 1A - Homo sapiens (Human)	1	4	7	4	2	3	4
A4	Amyloid beta A4 protein precursor - Homo sapiens (Human)	7	9	7		7	10	4
AAAT	Neutral amino acid transporter B(0) - Homo sapiens (Human)						2	2
ABCA1	ATP-binding cassette sub-family A member 1 - Homo sapiens (Human)							
ABCA4	Retinal-specific ATP-binding cassette transporter - Homo sapiens (Human)					1		
ABI1	Abl interactor 1 - Homo sapiens (Human)	4	6	8	10	6	5	13
ABI2	Abl interactor 2 - Homo sapiens (Human)			1	1	1		4
ABL1	Proto-oncogene tyrosine-protein kinase ABL1 - Homo sapiens (Human)	6	8	4	4	2		3
ABL2	Tyrosine-protein kinase ABL2 - Homo sapiens (Human)				6	2	2	1
ABLM1	Actin-binding LIM protein 1 - Homo sapiens (Human)				5	8	3	
ACD11	Acyl-CoA dehydrogenase family member 11 - Homo sapiens (Human)		3				2	
ACK	Activated CDC42 kinase 1 - Homo sapiens (Human)	13	12	4	5	22	12	3
ACLY	ATP-citrate synthase - Homo sapiens (Human)							
ACM3	Muscarinic acetylcholine receptor M3 - Homo sapiens (Human)		2					
ACTA	Actin, aortic smooth muscle - Homo sapiens (Human)					1		
ACTB	Actin, cytoplasmic 1 - Homo sapiens (Human)	1	1	3			1	1
ACTN1	Alpha-actinin-1 - Homo sapiens (Human)	4	4	4	6	6	6	4
ACTN4	Alpha-actinin-4 - Homo sapiens (Human)	2	2	2	2	9	7	
ACTS	Actin, alpha skeletal muscle - Homo sapiens (Human)			2				
ADA20	ADAM 20 precursor - Homo sapiens (Human)							1
ADA22	ADAM 22 precursor - Homo sapiens (Human)							1
ADAM9	ADAM 9 precursor - Homo sapiens (Human)	6	2	7	5	4	5	3
ADDG	Gamma-adducin - Homo sapiens (Human)	1						1
ADT1	ADP/ATP translocase 1 - Homo sapiens (Human)		2					
ADT2	ADP/ATP translocase 2 - Homo sapiens (Human)		1					
AF1L2	Actin filament-associated protein 1-like 2 - Homo sapiens (Human)			4		4	1	
AFAD	Afadin - Homo sapiens (Human)					6		
AFF4	AF4/FMR2 family member 4 - Homo sapiens (Human)							
AHNK	Neuroblast differentiation-associated protein AHNAK - Homo sapiens (Human)	29		9	11	13	11	1
AHTF1	AT-hook-containing transcription factor 1 - Homo sapiens (Human)							
ALK	ALK tyrosine kinase receptor precursor - Homo sapiens (Human)		1					1
AMY1	Alpha-amylase 1 precursor - Homo sapiens (Human)				2			

ANK2	Ankyrin-2 - Homo sapiens (Human)	3	3					
ANKS1	Ankyrin repeat and SAM domain-containing protein 1A - Homo sapiens (Human)		3		2		4	1
ANM1	Protein arginine N-methyltransferase 1 - Homo sapiens (Human)			1				
ANR26	Ankyrin repeat domain-containing protein 26 - Homo sapiens (Human)							2
ANTR1	Anthrax toxin receptor 1 precursor - Homo sapiens (Human)	4	13			5	4	6
ANTR2	Anthrax toxin receptor 2 precursor - Homo sapiens (Human)		4					
ANXA1	Annexin A1 - Homo sapiens (Human)						1	
ANXA2	Annexin A2 - Homo sapiens (Human)	27		11	15	6	14	8
ANXA5	Annexin A5 - Homo sapiens (Human)					1	3	
APC	Adenomatous polyposis coli protein - Homo sapiens (Human)		1					
APH1A	Gamma-secretase subunit APH-1A - Homo sapiens (Human)							
APLP1	Amyloid-like protein 1 precursor - Homo sapiens (Human)	5						
APLP2	Amyloid-like protein 2 precursor - Homo sapiens (Human)	16	4	3	4	4	18	5
APMAP	Adipocyte plasma membrane-associated protein - Homo sapiens (Human)					1		
APOC2	Apolipoprotein C-II precursor - Homo sapiens (Human)					1		
ARFG3	ADP-ribosylation factor GTPase-activating protein 3 - Homo sapiens (Human)		1				2	
ARI1A	AT-rich interactive domain-containing protein 1A - Homo sapiens (Human)			7				
ARI1B	AT-rich interactive domain-containing protein 1B - Homo sapiens (Human)			2				
ARNT	Aryl hydrocarbon receptor nuclear translocator - Homo sapiens (Human)			3				
ARP10	Actin-related protein 10 - Homo sapiens (Human)							
ARP19	cAMP-regulated phosphoprotein 19 - Homo sapiens (Human)			3		4		
ARRD3	Arrestin domain-containing protein 3 - Homo sapiens (Human)						3	
ASH2L	Set1/Ash2 histone methyltransferase complex subunit ASH2 - Homo sapiens (Human)			1				
ASML	N-acetylserotonin O-methyltransferase-like protein - Homo sapiens (Human)							
ASSY	Argininosuccinate synthase - Homo sapiens (Human)						1	
AT131	Probable cation-transporting ATPase 13A1 - Homo sapiens (Human)							
AT1A1	(Human)	6	4	5	6	6	6	7
AT1B3	Sodium/potassium-transporting ATPase subunit beta-3 - Homo sapiens (Human)							
AT2B1	Plasma membrane calcium-transporting ATPase 1 - Homo sapiens (Human)		4					
AT2L1	Alanine--glyoxylate aminotransferase 2-like 1 - Homo sapiens (Human)						2	
ATE1	Arginyl-tRNA--protein transferase 1 - Homo sapiens (Human)							1
ATPO	ATP synthase subunit O							1
AXL	Tyrosine-protein kinase receptor UFO precursor - Homo sapiens (Human)	6	4	5	13	20	31	
BAT2	Large proline-rich protein BAT2 - Homo sapiens (Human)			1				
BCAR1	Breast cancer anti-estrogen resistance protein 1 - Homo sapiens (Human)	1	20	23	19	37	18	19
BCAR3	Breast cancer anti-estrogen resistance protein 3 - Homo sapiens (Human)			2	4	6	3	
BCDO1	Beta,beta-carotene 15,15'-monooxygenase - Homo sapiens (Human)				1			

CDV3	Protein CDV3 homolog - Homo sapiens (Human)	3	2	6	8	10	5	1
CEBPB	CCAAT/enhancer-binding protein beta - Homo sapiens (Human)			2				
CEL	Bile salt-activated lipase precursor - Homo sapiens (Human)			1				
CELR2	Cadherin EGF LAG seven-pass G-type receptor 2 precursor - Homo sapiens (Human)	1						
CENB2	Centaurin-beta-2 - Homo sapiens (Human)							
CEND1	Centaurin-delta-1 - Homo sapiens (Human)				2			
CF066	UPF0240 protein C6orf66 - Homo sapiens (Human)						1	
CF166	Uncharacterized protein C6orf166 - Homo sapiens (Human)						1	
CF174	Uncharacterized protein C6orf174 precursor - Homo sapiens (Human)							
CHADL	Chondroadherin-like protein precursor - Homo sapiens (Human)							
CHIO	Beta-chimaerin - Homo sapiens (Human)							4
CHKB	Choline/ethanolamine kinase [Includes: Choline kinase beta - Homo sapiens (Human)]							
CHL1	Neural cell adhesion molecule L1-like protein precursor - Homo sapiens (Human)					1		
CI078	Uncharacterized protein C9orf78 - Homo sapiens (Human)							
CI093	Uncharacterized protein C9orf93 - Homo sapiens (Human)				1			
CK052	Uncharacterized protein C11orf52 - Homo sapiens (Human)							5
CK059	UPF0404 protein C11orf59 - Homo sapiens (Human)	3	3		2	4	4	5
CK5P3	CDK5 regulatory subunit-associated protein 3 - Homo sapiens (Human)				1			
CLAP2	CLIP-associating protein 2 - Homo sapiens (Human)							2
CLD11	Claudin-11 - Homo sapiens (Human)							
CLD5	Claudin-5 - Homo sapiens (Human)					1		
CLH1	Clathrin heavy chain 1 - Homo sapiens (Human)	2	5		2	9	7	
CLOCK	Circadian locomoter output cycles protein kaput - Homo sapiens (Human)					2		
CN37	2',3'-cyclic-nucleotide 3'-phosphodiesterase - Homo sapiens (Human)	4						
CNN1	Calponin-1 - Homo sapiens (Human)					7		
CNN2	Calponin-2 - Homo sapiens (Human)	4	4		3	4	2	
CNN3	Calponin-3 - Homo sapiens (Human)	6	4		3	9	3	
CO4A	Complement C4-A precursor - Homo sapiens (Human)							
CO9	Complement component C9b] - Homo sapiens (Human)				1			
COBL	Protein cordon-bleu - Homo sapiens (Human)		4					
COEA1	Collagen alpha-1(XIV) chain precursor - Homo sapiens (Human)			1				
COF1	Cofilin-1 - Homo sapiens (Human)	6	2	11	7	11	5	1
COPB	Coatomer subunit beta - Homo sapiens (Human)							
CPSF6	Cleavage and polyadenylation specificity factor subunit 6 - Homo sapiens (Human)			8				
CRAC1	Cartilage acidic protein 1 precursor - Homo sapiens (Human)				1			
CRCM1	Calcium release-activated calcium channel protein 1 - Homo sapiens (Human)		2					
CRIM1	Cysteine-rich motor neuron 1 protein precursor - Homo sapiens (Human)					2	3	

CRIP2	Cysteine-rich protein 2 - Homo sapiens (Human)	4	4			2	5	13
CRK	Proto-oncogene C-crk - Homo sapiens (Human)				4			
CRKL	Crk-like protein - Homo sapiens (Human)	1			2	3	2	2
CSK	Tyrosine-protein kinase CSK - Homo sapiens (Human)							
CSKI2	Caskin-2 - Homo sapiens (Human)	2			2	4		4
CSPG4	Chondroitin sulfate proteoglycan 4 precursor - Homo sapiens (Human)	2						
CSRP1	Cysteine and glycine-rich protein 1 - Homo sapiens (Human)							1
CT012	Ankyrin repeat-containing protein C20orf12 - Homo sapiens (Human)		1					
CT032	HEF-like protein - Homo sapiens (Human)		8					
CTL5	Choline transporter-like protein 5 - Homo sapiens (Human)							
CTLA4	Cytotoxic T-lymphocyte protein 4 precursor - Homo sapiens (Human)				1			
CTNA1	Catenin alpha-1 - Homo sapiens (Human)				1	1	3	1
CTNB1	Catenin beta-1 - Homo sapiens (Human)		3		2		2	5
CTND1	Catenin delta-1 - Homo sapiens (Human)	14	18	16	16	25	19	24
CTNL1	Alpha-catulin - Homo sapiens (Human)	1						
CXA1	Gap junction alpha-1 protein - Homo sapiens (Human)		3	3			9	5
CXCR7	C-X-C chemokine receptor type 7 - Homo sapiens (Human)						2	
CYR61	Protein CYR61 precursor - Homo sapiens (Human)				1			
DAB1	Disabled homolog 1 - Homo sapiens (Human)							3
DAB2	Disabled homolog 2 - Homo sapiens (Human)	3					1	
DAPK3	Death-associated protein kinase 3 - Homo sapiens (Human)						1	
DB125	Beta-defensin 125 precursor - Homo sapiens (Human)		1					
DBNL	Drebrin-like protein - Homo sapiens (Human)	5	5	4	4	4	4	5
DCBD1	(Human)	2	1	8			3	3
DCBD2	(Human)		15	12	22	4	10	9
DCP1B	mRNA-decapping enzyme 1B - Homo sapiens (Human)			4	2			
DDR1	Epithelial discoidin domain-containing receptor 1 precursor - Homo sapiens (Human)	2	19					11
DDR2	Discoidin domain-containing receptor 2 precursor - Homo sapiens (Human)	19	4	1	2	2	8	9
DDX1	ATP-dependent RNA helicase DDX1 - Homo sapiens (Human)	1	1	4				
DDX17	Probable ATP-dependent RNA helicase DDX17 - Homo sapiens (Human)					2		
DDX5	Probable ATP-dependent RNA helicase DDX5 - Homo sapiens (Human)				1			
DEF	Digestive organ expansion factor homolog - Homo sapiens (Human)							
DESM	Desmin - Homo sapiens (Human)		1					
DEST	Dextrin - Homo sapiens (Human)	1						
DHX33	Putative ATP-dependent RNA helicase DHX33 - Homo sapiens (Human)						1	
DHX9	ATP-dependent RNA helicase A - Homo sapiens (Human)		2	2	2	1	2	1
DIDO1	Death-inducer obliterator 1 - Homo sapiens (Human)			1	3		1	1

DLG3	Disks large homolog 3 - Homo sapiens (Human)	1						
DLG5	Disks large homolog 5 - Homo sapiens (Human)							
DLL1	Delta-like protein 1 precursor - Homo sapiens (Human)					1		
DNER	(Human)	10						12
DNHD2	Dynein heavy chain domain-containing protein 2 - Homo sapiens (Human)					2		
DNJB5	DnaJ homolog subfamily B member 5 - Homo sapiens (Human)					2		
DNMBP	Dynamin-binding protein - Homo sapiens (Human)	4	4	19	4		4	4
DOCK1	Dedicator of cytokinesis protein 1 - Homo sapiens (Human)			1			5	
DOCK4	Dedicator of cytokinesis protein 4 - Homo sapiens (Human)			1				
DOK1	Docking protein 1 - Homo sapiens (Human)	3	6	4	15	23		7
DPYL1	Dihydropyrimidinase-related protein 1 - Homo sapiens (Human)		4		4			4
DPYL2	Dihydropyrimidinase-related protein 2 - Homo sapiens (Human)							2
DSG1	Desmoglein-1 precursor - Homo sapiens (Human)	1						
DSG2	Desmoglein-2 precursor - Homo sapiens (Human)							
DUPD1	Dual specificity phosphatase DUPD1 - Homo sapiens (Human)		1					
DYL1	Dynein light chain 1, cytoplasmic - Homo sapiens (Human)	2			2	3	1	
DYR1A	Dual specificity tyrosine-phosphorylation-regulated kinase 1A - Homo sapiens (Human)	16	14	6	1	19	7	15
DYRK2	Dual specificity tyrosine-phosphorylation-regulated kinase 2 - Homo sapiens (Human)		4	4	4	6	4	
DYRK3	Dual specificity tyrosine-phosphorylation-regulated kinase 3 - Homo sapiens (Human)		4					1
DYSF	Dysferlin - Homo sapiens (Human)					3		
E41L2	Band 4.1-like protein 2 - Homo sapiens (Human)	2	3	1				3
ECSIT	Homo sapiens (Human)			1				
EDC4	Enhancer of mRNA-decapping protein 4 - Homo sapiens (Human)			1				
EF1A1	Elongation factor 1-alpha 1 - Homo sapiens (Human)	5	8	5	8	7	8	7
EF1A2	Elongation factor 1-alpha 2 - Homo sapiens (Human)	1			4			
EF2	Elongation factor 2 - Homo sapiens (Human)			1				
EFHD2	EF-hand domain-containing protein 2 - Homo sapiens (Human)				1			
EFNB1	Ephrin-B1 precursor - Homo sapiens (Human)	7		2	2	10	2	29
EFNB2	Ephrin-B2 precursor - Homo sapiens (Human)					9		
EFNB3	Ephrin-B3 precursor - Homo sapiens (Human)	10			4			1
EFS	Embryonal Fyn-associated substrate - Homo sapiens (Human)		1					11
EGFR	Epidermal growth factor receptor precursor - Homo sapiens (Human)	3	11	6	2	10	9	
EGR2	Early growth response protein 2 - Homo sapiens (Human)				1			
EH1L1	EH domain-binding protein 1-like protein 1 - Homo sapiens (Human)							
EIF2A	Eukaryotic translation initiation factor 2A - Homo sapiens (Human)							
EIF3H	Eukaryotic translation initiation factor 3 subunit H - Homo sapiens (Human)					1		
ELAV1	ELAV-like protein 1 - Homo sapiens (Human)				4			

ELMO2	Engulfment and cell motility protein 2 - Homo sapiens (Human)	4	2	4	2	1	4	
ELP3	Elongator complex protein 3 - Homo sapiens (Human)			1			1	
EMD	Emerin - Homo sapiens (Human)	2				5	1	5
ENC2	Ectoderm-neural cortex protein 2 - Homo sapiens (Human)				1			
ENO1B	Alpha-enolase - Homo sapiens (Human)	1		3	1	1		
ENOA	Alpha-enolase - Homo sapiens (Human)	4		5	2		4	1
ENOG	Gamma-enolase - Homo sapiens (Human)							
EPC2	Enhancer of polycomb homolog 2 - Homo sapiens (Human)		2			2		
EPHA2	Ephrin type-A receptor 2 precursor - Homo sapiens (Human)	33	14	9	11	23	8	22
EPHA3	Ephrin type-A receptor 3 precursor - Homo sapiens (Human)	1			3	4	4	14
EPHA4	Ephrin type-A receptor 4 precursor - Homo sapiens (Human)							7
EPHA5	Ephrin type-A receptor 5 precursor - Homo sapiens (Human)					19	13	7
EPHA7	Ephrin type-A receptor 7 precursor - Homo sapiens (Human)	4	19				2	2
EPHB1	Ephrin type-B receptor 1 precursor - Homo sapiens (Human)					10	4	2
EPHB2	Ephrin type-B receptor 2 precursor - Homo sapiens (Human)					15		2
EPHB3	Ephrin type-B receptor 3 precursor - Homo sapiens (Human)	6	12			13		8
EPHB4	Ephrin type-B receptor 4 precursor - Homo sapiens (Human)	12	1	5		15	1	14
EPS8	Epidermal growth factor receptor kinase substrate 8 - Homo sapiens (Human)		4	3	3	2	4	3
ERP29	Endoplasmic reticulum protein ERp29 precursor - Homo sapiens (Human)						1	1
ERRFI	ERBB receptor feedback inhibitor 1 - Homo sapiens (Human)	2		32	1		3	
ESYT1	Extended-synaptotagmin-1 - Homo sapiens (Human)	4	2		1	1	4	
ETFA	(Human)					1		
EXOC2	Exocyst complex component 2 - Homo sapiens (Human)						1	
EZRI	Ezrin - Homo sapiens (Human)		2			2		2
F101B	Protein FAM101B - Homo sapiens (Human)							2
F105B	Protein FAM105B - Homo sapiens (Human)					4		
F111A	Protein FAM111A - Homo sapiens (Human)					1		
F111B	Protein FAM111B - Homo sapiens (Human)	1						
F120A	UPF0318 protein FAM120A - Homo sapiens (Human)							
F92A1	Protein FAM92A1 - Homo sapiens (Human)	1						
FA50A	Protein FAM50A - Homo sapiens (Human)			2		2		
FA59A	Protein FAM59A - Homo sapiens (Human)			4	4	4		4
FA69B	Protein FAM69B - Homo sapiens (Human)	1						
FA84A	Protein FAM84A - Homo sapiens (Human)						2	
FAK1	Focal adhesion kinase 1 - Homo sapiens (Human)	21	16	33	32	39	36	36
FAK2	Protein tyrosine kinase 2 beta - Homo sapiens (Human)							4
FANCI	Fanconi anemia group J protein - Homo sapiens (Human)							

FATH	Cadherin-related tumor suppressor homolog precursor - Homo sapiens (Human)	6	2					1
FBX31	F-box only protein 31 - Homo sapiens (Human)				1			
FCSD2	FCH and double SH3 domains protein 2 - Homo sapiens (Human)					2		
FER	Proto-oncogene tyrosine-protein kinase FER - Homo sapiens (Human)	2			3			
FGD6	FYVE, RhoGEF and PH domain-containing protein 6 - Homo sapiens (Human)		2					
FGFR1	Basic fibroblast growth factor receptor 1 precursor - Homo sapiens (Human)	34	8	4	13	8	31	8
FGFR2	Fibroblast growth factor receptor 2 precursor - Homo sapiens (Human)				2	2		
FGFR3	Fibroblast growth factor receptor 3 precursor - Homo sapiens (Human)							1
FGFR4	Fibroblast growth factor receptor 4 precursor - Homo sapiens (Human)		3		4		7	
FGRL1	Fibroblast growth factor receptor-like 1 precursor - Homo sapiens (Human)	1					1	
FIP1	Pre-mRNA 3'-end-processing factor FIP1 - Homo sapiens (Human)						1	
FLNA	Filamin-A - Homo sapiens (Human)					2		
FLNB	Filamin-B - Homo sapiens (Human)			2		1	1	1
FLNC	Filamin-C - Homo sapiens (Human)		2					
FLOT1	Flotillin-1 - Homo sapiens (Human)	10	2		2	19		
FOSB	Protein fosB - Homo sapiens (Human)							
FRMD6	FERM domain-containing protein 6 - Homo sapiens (Human)							
FRS2	Fibroblast growth factor receptor substrate 2 - Homo sapiens (Human)	8	7	1	8	8	8	6
FUBP1	Far upstream element-binding protein 1 - Homo sapiens (Human)							
FYN	Proto-oncogene tyrosine-protein kinase Fyn - Homo sapiens (Human)	26	17	10	13	8	11	15
G6PD	Glucose-6-phosphate 1-dehydrogenase - Homo sapiens (Human)				8	9	3	9
GAB1	GRB2-associated-binding protein 1 - Homo sapiens (Human)	11	15	14	10	22	3	39
GAB2	GRB2-associated-binding protein 2 - Homo sapiens (Human)							2
GAGE3	G antigen 3 - Homo sapiens (Human)		3					
GAK	Cyclin G-associated kinase - Homo sapiens (Human)							
GBB3	(Human)			1				
GCFC	GC-rich sequence DNA-binding factor homolog - Homo sapiens (Human)							
GFPT1	(Human)					1		
GIDRP	Growth inhibition and differentiation-related protein 88 - Homo sapiens (Human)							
GIT1	ARF GTPase-activating protein GIT1 - Homo sapiens (Human)	2	1	1	4	4	2	4
GNAL	Guanine nucleotide-binding protein G(olf) subunit alpha - Homo sapiens (Human)	2						
GNAS1	(Human)	14						
GOGA3	Golgin subfamily A member 3 - Homo sapiens (Human)							
GOGA4	Golgin subfamily A member 4 - Homo sapiens (Human)					2		
GOGA5	Golgin subfamily A member 5 - Homo sapiens (Human)							
GP126	Probable G-protein coupled receptor 126 precursor - Homo sapiens (Human)							
GPC5C	(Human)	2		12				

GPSM3	G-protein-signaling modulator 3 - Homo sapiens (Human)							
GRB10	Growth factor receptor-bound protein 10 - Homo sapiens (Human)			1				2
GRDN	Girdin - Homo sapiens (Human)				1	2		
GRLF1	Glucocorticoid receptor DNA-binding factor 1 - Homo sapiens (Human)	13	7	11	10	9	9	10
GRM1	Metabotropic glutamate receptor 1 precursor - Homo sapiens (Human)				1			
GRTP1	Growth hormone-regulated TBC protein 1 - Homo sapiens (Human)							
GSK3A	Glycogen synthase kinase-3 alpha - Homo sapiens (Human)	21	24	13	13	37	33	15
GSTP1	Glutathione S-transferase P - Homo sapiens (Human)			2				
GTF2I	General transcription factor II-I - Homo sapiens (Human)			4				
H2B1C	Histone H2B type 1-C/E/F/G/I - Homo sapiens (Human)	6		2	5			2
H4	Histone H4 - Homo sapiens (Human)		3	1				1
HCK	Tyrosine-protein kinase HCK - Homo sapiens (Human)			4	4	2	4	6
HDGF	Hepatoma-derived growth factor - Homo sapiens (Human)			1				
HEG1	Protein HEG homolog 1 precursor - Homo sapiens (Human)	1				5	5	
HELLC1	Activating signal cointegrator 1 complex subunit 3 - Homo sapiens (Human)		1					
HELLS	Lymphoid-specific helicase - Homo sapiens (Human)	1	1					
HELZ	Probable helicase with zinc finger domain - Homo sapiens (Human)					4		
HGS	Hepatocyte growth factor-regulated tyrosine kinase substrate - Homo sapiens (Human)	7	1	3	6	7	7	1
HIPK1	Homeodomain-interacting protein kinase 1 - Homo sapiens (Human)	12	12	6	4	8	8	9
HIPK3	Homeodomain-interacting protein kinase 3 - Homo sapiens (Human)	3	8	4	4	4	4	5
HNRH1	Heterogeneous nuclear ribonucleoprotein H - Homo sapiens (Human)			6				2
HNRH3	Heterogeneous nuclear ribonucleoprotein H3 - Homo sapiens (Human)			8	1	2		2
HNRL1	Heterogeneous nuclear ribonucleoprotein U-like protein 1 - Homo sapiens (Human)	2				2		
HNRL2	Heterogeneous nuclear ribonucleoprotein U-like protein 2 - Homo sapiens (Human)			2				
HNRPC	Heterogeneous nuclear ribonucleoproteins C1/C2 - Homo sapiens (Human)	1		4	1	1		
HNRPF	Heterogeneous nuclear ribonucleoprotein F - Homo sapiens (Human)	2	3	6	1	1	2	2
HNRPG	Heterogeneous nuclear ribonucleoprotein G - Homo sapiens (Human)		1	8		1		
HNRPK	Heterogeneous nuclear ribonucleoprotein K - Homo sapiens (Human)							1
HNRPM	Heterogeneous nuclear ribonucleoprotein M - Homo sapiens (Human)			4		1		
HNRPR	Heterogeneous nuclear ribonucleoprotein R - Homo sapiens (Human)			9	1	1		2
HNRPU	Heterogeneous nuclear ribonucleoprotein U - Homo sapiens (Human)			3				
HORN	Hornerin - Homo sapiens (Human)			4				
HS71L	Heat shock 70 kDa protein 1L - Homo sapiens (Human)		2	3	3	2		
HS90A	Heat shock protein HSP 90-alpha - Homo sapiens (Human)		1	3	3	3	1	
HS90B	Heat shock protein HSP 90-beta - Homo sapiens (Human)	4	11	6	12	11	11	2
HSP71	Heat shock 70 kDa protein 1 - Homo sapiens (Human)				2	1		
HSP72	Heat shock-related 70 kDa protein 2 - Homo sapiens (Human)							

HSP74	Heat shock 70 kDa protein 4 - Homo sapiens (Human)							
HSP7C	Heat shock cognate 71 kDa protein - Homo sapiens (Human)		1	2	2	1		
HTF9C	Hpall tiny fragments locus 9c protein - Homo sapiens (Human)							
IASPP	RelA-associated inhibitor - Homo sapiens (Human)				2			
IBTK	Inhibitor of Bruton tyrosine kinase - Homo sapiens (Human)							2
ICB1	Induced by contact to basement membrane 1 protein - Homo sapiens (Human)							
IF2A	Eukaryotic translation initiation factor 2 subunit 1 - Homo sapiens (Human)				1			
IF4H	Eukaryotic translation initiation factor 4H - Homo sapiens (Human)	2			2	1	2	3
IFIT2	Interferon-induced protein with tetratricopeptide repeats 2 - Homo sapiens (Human)		3					
IGF1R	Insulin-like growth factor 1 receptor precursor - Homo sapiens (Human)	3	12		11	14	7	6
IL6RB	Interleukin-6 receptor subunit beta precursor - Homo sapiens (Human)						1	
ILF3	Interleukin enhancer-binding factor 3 - Homo sapiens (Human)				6			
INCE	Inner centromere protein - Homo sapiens (Human)					5	5	1
INGR1	Interferon-gamma receptor alpha chain precursor - Homo sapiens (Human)					1		14
INSR	Insulin receptor precursor - Homo sapiens (Human)							
IQGA1	Ras GTPase-activating-like protein IQGAP1 - Homo sapiens (Human)					2	4	
IRS1	Insulin receptor substrate 1 - Homo sapiens (Human)		1		7	13	8	2
IRS2	Insulin receptor substrate 2 - Homo sapiens (Human)					3		23
ITA7	chain] - Homo sapiens (Human)							1
ITB1	Integrin beta-1 precursor - Homo sapiens (Human)	4	2	3	2	2	4	2
ITB5	Integrin beta-5 precursor - Homo sapiens (Human)	1			1	2	5	5
ITSN2	Intersectin-2 - Homo sapiens (Human)	8	10	3	4	9	8	4
JAK1	Tyrosine-protein kinase JAK1 - Homo sapiens (Human)	3	3	1		7	2	7
JAK2	Tyrosine-protein kinase JAK2 - Homo sapiens (Human)	11	3		3	4	1	5
JAK3	Tyrosine-protein kinase JAK3 - Homo sapiens (Human)				1			
JAM3	Junctional adhesion molecule C precursor - Homo sapiens (Human)	1	1					
JUNB	Transcription factor jun-B - Homo sapiens (Human)				1			
K0460	Uncharacterized protein KIAA0460 - Homo sapiens (Human)				6			
K0692	ANK repeat and LEM domain-containing protein KIAA0692 - Homo sapiens (Human)							
K1143	Uncharacterized protein KIAA1143 - Homo sapiens (Human)					3		
K1430	UPF0501 protein KIAA1430 - Homo sapiens (Human)							
K1849	Uncharacterized protein KIAA1849 - Homo sapiens (Human)							2
K1946	Uncharacterized protein KIAA1946 precursor - Homo sapiens (Human)		2					
K1C18	Keratin, type I cytoskeletal 18 - Homo sapiens (Human)			2	3			
K1C24	Keratin, type I cytoskeletal 24 - Homo sapiens (Human)		1		1		1	
K2C5	Keratin, type II cytoskeletal 5 - Homo sapiens (Human)					1		
KAPCB	Keratin, type II cytoskeletal 5 - Homo sapiens (Human)	1	1			1		

LONM	Lon protease homolog, mitochondrial precursor - Homo sapiens (Human)	1	2					2
LPHN2	Latrophilin-2 precursor - Homo sapiens (Human)		13		3			
LPP	Lipoma-preferred partner - Homo sapiens (Human)	4	4	4	7	7	5	4
LPXN	Leupaxin - Homo sapiens (Human)				2		1	
LQK1	Putative uncharacterized protein LQK1 - Homo sapiens (Human)						1	
LRCH2	(Human)	1						
LRIG2	sapiens (Human)		2					
LRIG3	sapiens (Human)		1			1	1	
LRP1	Prolow-density lipoprotein receptor-related protein 1 precursor - Homo sapiens (Human)						2	
LRP1B	Low-density lipoprotein receptor-related protein 1B precursor - Homo sapiens (Human)							4
LSR	Lipolysis-stimulated lipoprotein receptor - Homo sapiens (Human)				4			
M3K15	Mitogen-activated protein kinase kinase kinase 15 - Homo sapiens (Human)	1						
M3K4	Mitogen-activated protein kinase kinase kinase 4 - Homo sapiens (Human)					1		
M3K8	Mitogen-activated protein kinase kinase kinase 8 - Homo sapiens (Human)		1					
MA1B1	sapiens (Human)					1		
MAGD1	Melanoma-associated antigen D1 - Homo sapiens (Human)							4
MAK	Serine/threonine-protein kinase MAK - Homo sapiens (Human)	1						
MANEL	Glycoprotein endo-alpha-1,2-mannosidase-like protein - Homo sapiens (Human)	2						
MAP1B	Microtubule-associated protein 1B - Homo sapiens (Human)	2			1		2	14
MAP2	Microtubule-associated protein 2 - Homo sapiens (Human)				1			
MARK2	Serine/threonine-protein kinase MARK2 - Homo sapiens (Human)				1			
MATR3	Matrin-3 - Homo sapiens (Human)				4			
MCA32	Probable mast cell antigen 32 homolog precursor - Homo sapiens (Human)							
MCEM1	Mast cell-expressed membrane protein 1 - Homo sapiens (Human)							4
MDN1	Midasin - Homo sapiens (Human)							2
MEG10	Multiple epidermal growth factor-like domains 10 precursor - Homo sapiens (Human)		24					
MELK	Maternal embryonic leucine zipper kinase - Homo sapiens (Human)	1						
MERTK	Proto-oncogene tyrosine-protein kinase MER precursor - Homo sapiens (Human)	6	1	2		5	5	12
MET	Hepatocyte growth factor receptor precursor - Homo sapiens (Human)		18	32	8	23	11	
MGN2	Protein mago nashi homolog 2 - Homo sapiens (Human)		4					
MGST1	Microsomal glutathione S-transferase 1 - Homo sapiens (Human)							1
MIB2	E3 ubiquitin-protein ligase MIB2 - Homo sapiens (Human)		1					
MINK1	Misshapen-like kinase 1 - Homo sapiens (Human)							
MK01	Mitogen-activated protein kinase 1 - Homo sapiens (Human)	9	4	3	12	8	6	8
MK03	Mitogen-activated protein kinase 3 - Homo sapiens (Human)	6			3	3	4	5
MK07	Mitogen-activated protein kinase 7 - Homo sapiens (Human)				2		3	
MK08	Mitogen-activated protein kinase 8 - Homo sapiens (Human)				4	1		2

MK09	Mitogen-activated protein kinase 9 - Homo sapiens (Human)		2	1		1	2	
MK11	Mitogen-activated protein kinase 11 - Homo sapiens (Human)						1	
MK12	Mitogen-activated protein kinase 12 - Homo sapiens (Human)	1	1		3	2	3	1
MK13	Mitogen-activated protein kinase 13 - Homo sapiens (Human)							4
MK14	Mitogen-activated protein kinase 14 - Homo sapiens (Human)	11	10	7	17	21	17	14
MMP14	Matrix metalloproteinase-14 precursor - Homo sapiens (Human)					1		
MOES	Moesin - Homo sapiens (Human)		1					1
MPP5	MAGUK p55 subfamily member 5 - Homo sapiens (Human)	1						
MPZL1	Myelin protein zero-like protein 1 precursor - Homo sapiens (Human)	17	5	6	8	10	10	8
MRIP	Myosin phosphatase Rho-interacting protein - Homo sapiens (Human)							
MTMRA	Myotubularin-related protein 10 - Homo sapiens (Human)	4						
MUC7	Mucin-7 precursor - Homo sapiens (Human)			1			1	
MUSK	Muscle, skeletal receptor tyrosine protein kinase precursor - Homo sapiens (Human)		6					
MXRA5	Matrix-remodeling-associated protein 5 precursor - Homo sapiens (Human)	1						1
MYH10	Myosin-10 - Homo sapiens (Human)			2		1		1
MYH14	Myosin-14 - Homo sapiens (Human)		1					
MYH3	Myosin-3 - Homo sapiens (Human)		2					
MYH6	Myosin-6 - Homo sapiens (Human)							
MYH9	Myosin-9 - Homo sapiens (Human)	2		1	6	7	5	
MYLK	Myosin light chain kinase, smooth muscle - Homo sapiens (Human)					2		
MYO10	Myosin-X - Homo sapiens (Human)							3
MYO1B	Myosin-Ib - Homo sapiens (Human)	1						
MYO1E	Myosin-Ie - Homo sapiens (Human)	2	2	4		7	2	
MYPT1	Protein phosphatase 1 regulatory subunit 12A - Homo sapiens (Human)		1		2	7	6	4
N4BP2	NEDD4-binding protein 2 - Homo sapiens (Human)							1
NCK1	Cytoplasmic protein NCK1 - Homo sapiens (Human)	1		4		4		3
NCK2	Cytoplasmic protein NCK2 - Homo sapiens (Human)					4		
NCKX1	Sodium/potassium/calcium exchanger 1 - Homo sapiens (Human)							1
NCOR2	Nuclear receptor corepressor 2 - Homo sapiens (Human)			1				
NEB2	Neurabin-2 - Homo sapiens (Human)					1		
NEBU	Nebulin - Homo sapiens (Human)							
NFYA	Nuclear transcription factor Y subunit alpha - Homo sapiens (Human)			4				
NOSIP	Nitric oxide synthase-interacting protein - Homo sapiens (Human)							2
NOTC1	Neurogenic locus notch homolog protein 1 precursor - Homo sapiens (Human)							
NOTC2	Neurogenic locus notch homolog protein 2 precursor - Homo sapiens (Human)					4	3	
NPDC1	(Human)	2						
NRP1	Neuropilin-1 precursor - Homo sapiens (Human)			4		2		2

PCDH7	Protocadherin-7 precursor - Homo sapiens (Human)		4	1				5
PCTK1	Serine/threonine-protein kinase PCTAIRE-1 - Homo sapiens (Human)				1			
PCTK1	Serine/threonine-protein kinase PCTAIRE-1 - Homo sapiens (Human)	1						1
PDC6I	Programmed cell death 6-interacting protein - Homo sapiens (Human)						2	
PDLI1	PDZ and LIM domain protein 1 - Homo sapiens (Human)						1	
PDLI3	PDZ and LIM domain protein 3 - Homo sapiens (Human)		1					
PDLI5	PDZ and LIM domain protein 5 - Homo sapiens (Human)		5	4	3	9	4	4
PDZ11	PDZ domain-containing protein 11 - Homo sapiens (Human)	7						
PEG3	Paternally-expressed gene 3 protein - Homo sapiens (Human)	2						
PELI1	Protein pellino homolog 1 - Homo sapiens (Human)			1				
PERI	Peripherin - Homo sapiens (Human)	1						
PERP	p53 apoptosis effector related to PMP-22 - Homo sapiens (Human)	1						
PFTK1	Serine/threonine-protein kinase PFTAIRE-1 - Homo sapiens (Human)							2
PFTK1	Serine/threonine-protein kinase PFTAIRE-1 - Homo sapiens (Human)							1
PGAM1	Phosphoglycerate mutase 1 - Homo sapiens (Human)		7	7		2	4	1
PGFRA	Alpha-type platelet-derived growth factor receptor precursor - Homo sapiens (Human)	37		13	2	14	27	
PGK1	Phosphoglycerate kinase 1 - Homo sapiens (Human)			3		2		
PGM1	Phosphoglucomutase-1 - Homo sapiens (Human)			4		3		
PGM2L	Phosphoglucomutase-2-like 1 - Homo sapiens (Human)						1	
PHLB2	Pleckstrin homology-like domain family B member 2 - Homo sapiens (Human)		1					
PHP14	14 kDa phosphohistidine phosphatase - Homo sapiens (Human)			3		1		
PHTNS	Phostensin - Homo sapiens (Human)					2		
PIGN	GPI ethanolamine phosphate transferase 1 - Homo sapiens (Human)						1	
PIN4	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 - Homo sapiens (Human)	5						
PITM1	Membrane-associated phosphatidylinositol transfer protein 1 - Homo sapiens (Human)		1					
PIWL2	Piwi-like protein 2 - Homo sapiens (Human)						1	
PK3CA	sapiens (Human)	3						
PK3CB	sapiens (Human)						3	
PKHA3	Pleckstrin homology domain-containing family A member 3 - Homo sapiens (Human)						1	
PKHA5	Pleckstrin homology domain-containing family A member 5 - Homo sapiens (Human)					3		
PKHA6	Pleckstrin homology domain-containing family A member 6 - Homo sapiens (Human)		8	2				
PKHL1	Fibrocystin-L precursor - Homo sapiens (Human)		1					
PKHN1	Pleckstrin homology domain-containing family N member 1 - Homo sapiens (Human)							
PKP1	Plakophilin-1 - Homo sapiens (Human)							12
PKP3	Plakophilin-3 - Homo sapiens (Human)			2				
PKP4	Plakophilin-4 - Homo sapiens (Human)	13	5	4	2	14	2	24
PLAK	Junction plakoglobin - Homo sapiens (Human)			2				

PLCG1	(Human)	17	2	4	12	5	11	5
PLD3	Phospholipase D3 - Homo sapiens (Human)						1	
PLEC1	Plectin-1 - Homo sapiens (Human)			8	6	4	12	
PLK3	Serine/threonine-protein kinase PLK3 - Homo sapiens (Human)			1				
PLL	Plasmalogen - Homo sapiens (Human)							1
PP1RB	Protein phosphatase 1 regulatory subunit 11 - Homo sapiens (Human)				1	1		1
PPCE	Prolyl endopeptidase - Homo sapiens (Human)		2					
PPHLN	Periplin-1 - Homo sapiens (Human)			5				2
PRC1	Protein regulator of cytokinesis 1 - Homo sapiens (Human)							
PRDX1	Peroxiredoxin-1 - Homo sapiens (Human)							1
PRKDC	DNA-dependent protein kinase catalytic subunit - Homo sapiens (Human)				7			
PRLR	Prolactin receptor precursor - Homo sapiens (Human)	1						
PROF1	Profilin-1 - Homo sapiens (Human)	1					2	
PRP4B	Serine/threonine-protein kinase PRP4 homolog - Homo sapiens (Human)	15	4	4	6	10	8	8
PRS10	26S protease regulatory subunit S10B - Homo sapiens (Human)			9				
PRS7	26S protease regulatory subunit 7 - Homo sapiens (Human)							
PSA2	Proteasome subunit alpha type-2 - Homo sapiens (Human)			2	4	5		
PSB8	Proteasome subunit beta type-8 precursor - Homo sapiens (Human)						1	
PSD3	PH and SEC7 domain-containing protein 3 - Homo sapiens (Human)							
PSMD1	26S proteasome non-ATPase regulatory subunit 1 - Homo sapiens (Human)	1						
PTN11	Tyrosine-protein phosphatase non-receptor type 11 - Homo sapiens (Human)	11	6	4	8	5	7	9
PTN13	Tyrosine-protein phosphatase non-receptor type 13 - Homo sapiens (Human)							2
PTN14	Tyrosine-protein phosphatase non-receptor type 14 - Homo sapiens (Human)					4		2
PTN18	Tyrosine-protein phosphatase non-receptor type 18 - Homo sapiens (Human)				1	1	1	
PTN3	Tyrosine-protein phosphatase non-receptor type 3 - Homo sapiens (Human)							
PTPRA	Receptor-type tyrosine-protein phosphatase alpha precursor - Homo sapiens (Human)	6	5		4	7	4	5
PTPRE	Receptor-type tyrosine-protein phosphatase epsilon precursor - Homo sapiens (Human)				2	3		
PTRF	Polymerase I and transcript release factor - Homo sapiens (Human)	6	6	5	12	13	15	2
PTTG	(Human)	8	9	11	4	12	11	10
PURG	Purine-rich element-binding protein gamma - Homo sapiens (Human)			1				
PVRL3	Poliiovirus receptor-related protein 3 precursor - Homo sapiens (Human)		3			3	1	
PYGB	Glycogen phosphorylase, brain form - Homo sapiens (Human)	3		3				
RAB34	Ras-related protein Rab-34 - Homo sapiens (Human)		2					4
RAB7A	Ras-related protein Rab-7a - Homo sapiens (Human)		1					
RAB9A	Ras-related protein Rab-9A - Homo sapiens (Human)							
RABL3	Rab-like protein 3 - Homo sapiens (Human)							
RADI	Radixin - Homo sapiens (Human)							

RAI1	Retinoic acid-induced protein 1 - Homo sapiens (Human)				4				
RAI3	Retinoic acid-induced protein 3 - Homo sapiens (Human)					2			1
RAN	GTP-binding nuclear protein Ran - Homo sapiens (Human)	1	2		5	2			8
RAPH1	(Human)				2	4	5		6
RBBP6	Retinoblastoma-binding protein 6 - Homo sapiens (Human)								1
RBL2	Retinoblastoma-like protein 2 - Homo sapiens (Human)					1			
RBM14	RNA-binding protein 14 - Homo sapiens (Human)				32	3	1		2
RBM15	Putative RNA-binding protein 15 - Homo sapiens (Human)				5				1
RBM22	Pre-mRNA-splicing factor RBM22 - Homo sapiens (Human)				1				
RBM3	Putative RNA-binding protein 3 - Homo sapiens (Human)	3	3		9	9	6		7
RBM4	RNA-binding protein 4 - Homo sapiens (Human)				4				6
RBP17	Ran-binding protein 17 - Homo sapiens (Human)								1
RENT1	Regulator of nonsense transcripts 1 - Homo sapiens (Human)								
REPS2	RaBP1-associated Eps domain-containing protein 2 - Homo sapiens (Human)					1			
RET	Proto-oncogene tyrosine-protein kinase receptor ret precursor - Homo sapiens (Human)								11
RFA1	Replication protein A 70 kDa DNA-binding subunit - Homo sapiens (Human)						1		
RFFL	E3 ubiquitin-protein ligase rifylin - Homo sapiens (Human)	5							
RG9D1	RNA - Homo sapiens (Human)						1		
RGS22	Regulator of G-protein signaling 22 - Homo sapiens (Human)						1		
RHG05	Rho GTPase-activating protein 5 - Homo sapiens (Human)	2						2	
RHG12	Rho GTPase-activating protein 12 - Homo sapiens (Human)	2	3				4	4	
RIN1	Ras and Rab interactor 1 - Homo sapiens (Human)	4	4		3	5	4	5	2
RIPK2	Receptor-interacting serine/threonine-protein kinase 2 - Homo sapiens (Human)	2	1		4	1	2	2	2
RL27A	60S ribosomal protein L27a - Homo sapiens (Human)				2				
RL29	60S ribosomal protein L29 - Homo sapiens (Human)						2		1
RL3	60S ribosomal protein L3 - Homo sapiens (Human)						1		
RL38	60S ribosomal protein L38 - Homo sapiens (Human)	4							
RL7A	60S ribosomal protein L7a - Homo sapiens (Human)	2			1				
RLA0	60S acidic ribosomal protein P0 - Homo sapiens (Human)	4	1						
RM14	39S ribosomal protein L14, mitochondrial precursor - Homo sapiens (Human)	2							
RM17	39S ribosomal protein L17, mitochondrial precursor - Homo sapiens (Human)								
RNUXA	RNA U small nuclear RNA export adapter protein - Homo sapiens (Human)				3				
ROA0	Heterogeneous nuclear ribonucleoprotein A0 - Homo sapiens (Human)								2
ROA1	Heterogeneous nuclear ribonucleoprotein A1 - Homo sapiens (Human)	5	3		6	6	3	4	6
ROA2	Heterogeneous nuclear ribonucleoproteins A2/B1 - Homo sapiens (Human)	1			6	4	2	1	2
ROA3	Heterogeneous nuclear ribonucleoprotein A3 - Homo sapiens (Human)				1				
ROBO1	Roundabout homolog 1 precursor - Homo sapiens (Human)	3	3				4		4

SEPT9	Septin-9 - Homo sapiens (Human)	2		5		2		
SF3B2	Splicing factor 3B subunit 2 - Homo sapiens (Human)							
SFPQ	Splicing factor, proline- and glutamine-rich - Homo sapiens (Human)			3				
SFRS1	Splicing factor, arginine/serine-rich 1 - Homo sapiens (Human)						1	
SFRS3	Splicing factor, arginine/serine-rich 3 - Homo sapiens (Human)		4	2		1	2	1
SFRS7	Splicing factor, arginine/serine-rich 7 - Homo sapiens (Human)		2					
SG223	Tyrosine-protein kinase Sgk223 - Homo sapiens (Human)	3	6	1	4	1		
SG269	Tyrosine-protein kinase Sgk269 - Homo sapiens (Human)	21	18	4	17	21	15	16
SH22A	SH2 domain-containing protein 2A - Homo sapiens (Human)							
SH24A	SH2 domain-containing protein 4A - Homo sapiens (Human)	1						
SHAN1	SH3 and multiple ankyrin repeat domains protein 1 - Homo sapiens (Human)		1					
SHB	SH2 domain-containing adapter protein B - Homo sapiens (Human)	2	18	15	6	24	18	21
SHC1	SHC-transforming protein 1 - Homo sapiens (Human)	4	4	3	4	4	1	4
SHC2	SHC-transforming protein 2 - Homo sapiens (Human)							
SHIP2	Phosphatidylinositol-3,4,5-trisphosphate 5-phosphatase 2 - Homo sapiens (Human)	7	9	6	11	12	7	6
SHLB1	Endophilin-B1 - Homo sapiens (Human)					2		
SHPS1	(Human)					2	1	5
SIX3	Homeobox protein SIX3 - Homo sapiens (Human)			1				
SKT	Sickle tail protein homolog - Homo sapiens (Human)			9	1	7	1	9
SL9A1	Sodium/hydrogen exchanger 1 - Homo sapiens (Human)	2	2			4		
SLN11	Schlafen family member 11 - Homo sapiens (Human)							1
SMAP	Small acidic protein - Homo sapiens (Human)							
SMC3	Structural maintenance of chromosomes protein 3 - Homo sapiens (Human)		1	3				
SMCE1	member 1 - Homo sapiens (Human)			4				
SMRD1	member 1 - Homo sapiens (Human)			1				
SNP23	Synaptosomal-associated protein 23 - Homo sapiens (Human)							4
SNW1	SNW domain-containing protein 1 - Homo sapiens (Human)				12			
SNX5	Sorting nexin-5 - Homo sapiens (Human)				1			
SO1B1	Solute carrier organic anion transporter family member 1B1 - Homo sapiens (Human)							2
SO3A1	Solute carrier organic anion transporter family member 3A1 - Homo sapiens (Human)	1						
SOCS6	Suppressor of cytokine signaling 6 - Homo sapiens (Human)	2						
SON	SON protein - Homo sapiens (Human)			3			2	
SPF30	Survival of motor neuron-related-splicing factor 30 - Homo sapiens (Human)							
SPHK2	Sphingosine kinase 2 - Homo sapiens (Human)							
SPN1	Snurportin-1 - Homo sapiens (Human)							
SPTB2	Spectrin beta chain, brain 1 - Homo sapiens (Human)		2	2	2	1	2	
SPTC1	Serine palmitoyltransferase 1 - Homo sapiens (Human)							2

SPY1	Protein sprouty homolog 1 - Homo sapiens (Human)			3					2
SPY2	Protein sprouty homolog 2 - Homo sapiens (Human)				1				1
SQRD	Sulfide:quinone oxidoreductase, mitochondrial precursor - Homo sapiens (Human)							1	
SRC8	Src substrate cortactin - Homo sapiens (Human)	9	8	7	10	14	11		13
SREC2	Scavenger receptor class F member 2 precursor - Homo sapiens (Human)	4	4	1	4	3			
SRRM2	Serine/arginine repetitive matrix protein 2 - Homo sapiens (Human)				2	1			
SSB	Single-stranded DNA-binding protein, mitochondrial precursor - Homo sapiens (Human)								
STA5A	Signal transducer and activator of transcription 5A - Homo sapiens (Human)				3	1			
STAC3	SH3 and cysteine-rich domain-containing protein 3 - Homo sapiens (Human)			1					
STAM2	Signal transducing adapter molecule 2 - Homo sapiens (Human)	1	2		2	3	6		2
STAT3	Signal transducer and activator of transcription 3 - Homo sapiens (Human)	3	4	4	4	8	4		6
STIP1	Stress-induced-phosphoprotein 1 - Homo sapiens (Human)				2	3	1		1
STX5	Syntaxin-5 - Homo sapiens (Human)								
SUH	Recombining binding protein suppressor of hairless - Homo sapiens (Human)								
SUSD5	Sushi domain-containing protein 5 - Homo sapiens (Human)	1							
SYIC	Isoleucyl-tRNA synthetase, cytoplasmic - Homo sapiens (Human)	1						1	
SYNE1	Nesprin-1 - Homo sapiens (Human)					1			
SYNE2	Nesprin-2 - Homo sapiens (Human)					2			
SYNJ1	Synaptojanin-1 - Homo sapiens (Human)						2		
SYNJ2	Synaptojanin-2 - Homo sapiens (Human)					11			
SYV	Valyl-tRNA synthetase - Homo sapiens (Human)				2	1			
T106B	Transmembrane protein 106B - Homo sapiens (Human)	4	1				2		3
T200A	Transmembrane protein 200A - Homo sapiens (Human)								
T2FB	Transcription initiation factor IIF subunit beta - Homo sapiens (Human)					5			
TAF4B	Transcription initiation factor TFIID subunit 4B - Homo sapiens (Human)					1			
TAGL	Transgelin - Homo sapiens (Human)						2	4	
TAGL2	Transgelin-2 - Homo sapiens (Human)	2	5	2	14	11	13		7
TARA	TRIO and F-actin-binding protein - Homo sapiens (Human)	4							
TBA1A	Tubulin alpha-1A chain - Homo sapiens (Human)	6	9		7	7	7		2
TBA1B	Tubulin alpha-1B chain - Homo sapiens (Human)	3	5			3	1		1
TBB5	Tubulin beta chain - Homo sapiens (Human)								
TBB6	Tubulin beta-6 chain - Homo sapiens (Human)								
TBCB	Tubulin folding cofactor B - Homo sapiens (Human)	2				4			2
TCF20	Transcription factor 20 - Homo sapiens (Human)					5			
TCPB	T-complex protein 1 subunit beta - Homo sapiens (Human)						1		
TCPQ	T-complex protein 1 subunit theta - Homo sapiens (Human)					4			
TDRD3	Tudor domain-containing protein 3 - Homo sapiens (Human)					2			

TRIP6	Thyroid receptor-interacting protein 6 - Homo sapiens (Human)	4			2		5	
TRIPC	Probable E3 ubiquitin-protein ligase TRIP12 - Homo sapiens (Human)							
TRPV4	(Human)	2						
TRXR1	Thioredoxin reductase 1, cytoplasmic precursor - Homo sapiens (Human)	2						
TTDN1	TTD non-photosensitive 1 protein - Homo sapiens (Human)				2			
TTYH2	Protein tweety homolog 2 - Homo sapiens (Human)	3	5					
TWF2	Twinfilin-2 - Homo sapiens (Human)							
TYK2	Non-receptor tyrosine-protein kinase TYK2 - Homo sapiens (Human)	4	4	2	3	5	2	3
UBAP2	Ubiquitin-associated protein 2 - Homo sapiens (Human)	2		8				2
UBP10	Ubiquitin carboxyl-terminal hydrolase 10 - Homo sapiens (Human)			2				
UBP15	Ubiquitin carboxyl-terminal hydrolase 15 - Homo sapiens (Human)							
UBP18	Ubl carboxyl-terminal hydrolase 18 - Homo sapiens (Human)		2					
UBP19	Ubiquitin carboxyl-terminal hydrolase 19 - Homo sapiens (Human)							
UBP24	Ubiquitin carboxyl-terminal hydrolase 24 - Homo sapiens (Human)							1
UBP2L	Ubiquitin-associated protein 2-like - Homo sapiens (Human)			8		3		1
UBR5	E3 ubiquitin-protein ligase UBR5 - Homo sapiens (Human)		1					
UBXD8	UBX domain-containing protein 8 - Homo sapiens (Human)						1	
UCK2	Uridine-cytidine kinase 2 - Homo sapiens (Human)							
UFC1	Ufm1-conjugating enzyme 1 - Homo sapiens (Human)				1			
UK114	Ribonuclease UK114 - Homo sapiens (Human)							
UNC5C	Netrin receptor UNC5C precursor - Homo sapiens (Human)	3						
UNG	Uracil-DNA glycosylase - Homo sapiens (Human)							
URP2	Fermitin family homolog 3 - Homo sapiens (Human)							2
US6NL	USP6 N-terminal-like protein - Homo sapiens (Human)	3						1
VASP	Vasodilator-stimulated phosphoprotein - Homo sapiens (Human)	4	6	6	5	6	5	3
VGFR1	Vascular endothelial growth factor receptor 1 precursor - Homo sapiens (Human)		6					4
VIME	Vimentin - Homo sapiens (Human)	5	8	5	1	8	8	6
VINC	Vinculin - Homo sapiens (Human)	4	8	1	10	11	3	8
VP37A	Vacuolar protein sorting-associated protein 37A - Homo sapiens (Human)							
VTI1B	(Human)		5		1	7		
VWF	von Willebrand factor precursor - Homo sapiens (Human)					1		
WASL	Neural Wiskott-Aldrich syndrome protein - Homo sapiens (Human)	2	3	2	5	1	5	2
WBS22	Uncharacterized methyltransferase WBSCR22 - Homo sapiens (Human)							1
WDR1	WD repeat-containing protein 1 - Homo sapiens (Human)			4		4		
WDR70	WD repeat-containing protein 70 - Homo sapiens (Human)			4				
WDTC1	WD and tetratricopeptide repeats protein 1 - Homo sapiens (Human)				1			
WEE1	Wee1-like protein kinase - Homo sapiens (Human)		2					2

WIPF2	WAS/WASL-interacting protein family member 2 - Homo sapiens (Human)					9		
XCT	Cystine/glutamate transporter - Homo sapiens (Human)	1			4	4	4	3
XRN2	5'-3' exoribonuclease 2 - Homo sapiens (Human)		1			1		
YBOX1	Nuclease sensitive element-binding protein 1 - Homo sapiens (Human)			2	4	5		2
YIPF5	Protein YIPF5 - Homo sapiens (Human)						2	
YLPM1	YLP motif-containing protein 1 - Homo sapiens (Human)			13				
Z804B	Zinc finger protein 804B - Homo sapiens (Human)							
ZCC2	Zinc finger CCCH type antiviral protein 1 - Homo sapiens (Human)	4	2			3		
ZCH18	Zinc finger CCCH domain-containing protein 18 - Homo sapiens (Human)							3
ZCHC6	Zinc finger CCHC domain-containing protein 6 - Homo sapiens (Human)	1	1			1	2	1
ZDBF2	DBF4-type zinc finger-containing protein 2 - Homo sapiens (Human)				1			
ZDH18	Palmitoyltransferase ZDHHC18 - Homo sapiens (Human)	2						
ZDHC5	Probable palmitoyltransferase ZDHHC5 - Homo sapiens (Human)	4		1	1	1	4	2
ZDHC8	Probable palmitoyltransferase ZDHHC8 - Homo sapiens (Human)				2			
ZER1	Protein zer-1 homolog - Homo sapiens (Human)							1
ZN281	Zinc finger protein 281 - Homo sapiens (Human)			1				
ZN382	Zinc finger protein 382 - Homo sapiens (Human)			1				
ZN433	Zinc finger protein 433 - Homo sapiens (Human)							
ZN483	Zinc finger protein 483 - Homo sapiens (Human)		1					
ZN492	Zinc finger protein 492 - Homo sapiens (Human)							
ZN598	Zinc finger protein 598 - Homo sapiens (Human)			4				
ZN600	Zinc finger protein 600 - Homo sapiens (Human)					1		
ZN609	Zinc finger protein 609 - Homo sapiens (Human)							
ZN638	Zinc finger protein 638 - Homo sapiens (Human)			3				
ZN644	Zinc finger protein 644 - Homo sapiens (Human)			3				
ZN668	Zinc finger protein 668 - Homo sapiens (Human)					1		
ZN709	Zinc finger protein 709 - Homo sapiens (Human)							
ZN787	Zinc finger protein 787 - Homo sapiens (Human)			1				
ZN821	Zinc finger protein 821 - Homo sapiens (Human)							1
ZNF84	Zinc finger protein 84 - Homo sapiens (Human)							1
ZNFX1	NFX1-type zinc finger-containing protein 1 - Homo sapiens (Human)							1
ZO1	Tight junction protein ZO-1 - Homo sapiens (Human)			3	4	8		
ZO2	Tight junction protein ZO-2 - Homo sapiens (Human)	4	5	6	9	9	5	4
ZRAB3	Zinc finger Ran-binding domain-containing protein 3 - Homo sapiens (Human)					1		
ZYX	Zyxin - Homo sapiens (Human)	2		1	3	2	2	1

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