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Gene	PR	Fold change	Std dev	Description
PHK2B	-0.3	0.45	0.45	Phosphatidylinositol 4-kinase type 2 beta
VCP	-0.3	0.70	-0.25	Valosin containing protein
FYN	-4.1	1.96	0.10	FYN proto-oncogene, Src family tyrosine kinase
SNAP1	-0.6	0.31	0.30	Synaptonemal-associated protein, 31kDa
RAB11B	-0.2	0.24	0.18	RAB11, member RAS oncogene family
DAB2	-3.1	0.38	0.30	Dab, mitogen-responsive phosphoprotein, homolog 2 (Drosophila)
ITSN2	-3.1	0.27	0.28	Intersectin 2
CRUB1	-0.1	0.21	0.37	CRUB1 proto-oncogene, E3 ubiquitin protein ligase
VPS36	-3.0	0.30	0.30	Vacuolar protein sorting 36 homolog (S. cerevisiae)
PAK1	-2.8	0.55	0.21	p21 protein (Cdc42/Rac)-activated kinase 1
PACSN3	-2.7	1.18	0.00	Protein kinase C and casein kinase substrate in neurons 3
AP2A1	-2.5	0.00	0.00	Adaptor-related protein complex 2, alpha 1 subunit
FASN	-2.5	1.49	0.00	Fatty acid synthase
ARPC3	-2.4	0.02	0.02	Actin related protein 2/3 complex, subunit 3, 21kDa
ARRB1	-2.4	0.10	0.10	Arrestin, beta 1
CTBP1	-2.4	1.01	0.00	C-terminal binding protein 1
PHK8	-2.4	0.36	0.36	Phosphatidylinositol 4-kinase, catalytic, beta
EPH5L1	-2.4	0.19	0.19	Epidermal growth factor receptor pathway substrate 15-like 1
RAB8B	-2.4	1.60	0.00	RAB8B, member RAS oncogene family
AP2E1	-2.3	0.06	0.06	Adaptor-related protein complex 4, epsilon 1 subunit
PRK01	-2.3	0.84	0.00	Protein kinase D1
CB1	-2.2	0.20	0.20	Calcium and integrin binding 1 (calmyrin)
CDC42	-2.1	0.04	0.04	Cell division cycle 42
CAV2	-2.0	0.23	0.23	Caveolin 2
HIP1	-2.0	0.16	0.16	Huntingtin interacting protein 1
COPB2	-2.0	0.25	0.25	Coatomer protein complex, subunit beta 2 (beta prime)
WASF3	-2.0	0.55	0.55	WAS protein family, member 3
AP2A2	-2.0	0.04	0.04	Adaptor-related protein complex 2, alpha 2 subunit
PHK2C	-2.0	0.03	0.03	Phosphatidylinositol 4-phosphate 3-kinase, catalytic subunit type 2 gamma
PITPNM1	-1.9	0.12	0.12	Phosphatidylinositol transfer protein, membrane-associated 1
MAPKBP2	-1.9	0.49	0.49	Mitogen-activated protein kinase 8 interacting protein 2
ARF3	-1.9	0.03	0.03	ADP-ribosylation factor 3
AP1B1	-1.9	0.08	0.08	Adaptor-related protein complex 1, beta 1 subunit
SH3GLB1	-1.9	0.08	0.08	SH3-domain GRB2-like endophilin B1
CLNT1	-1.8	0.13	0.13	Clathrin interactor 1
GNB2L1	-1.8	0.01	0.01	Guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
RCC1	-1.8	0.02	0.02	Rho-associated, coiled-coil containing protein kinase 2
ATP9VA1	-1.8	0.20	0.20	ATPase, H+ transporting, lysosomal V0 subunit 1
ITSN1	-1.8	0.27	0.27	Intersectin 1 (SH3 domain protein)
RAB8B	-1.8	0.20	0.20	RAB8B, member RAS oncogene family
CLTA	-1.8	0.17	0.17	Clathrin, light chain A
CLB	-1.7	0.32	0.32	Clb proto-oncogene, E3 ubiquitin protein ligase
VAMP1	-1.7	0.29	0.29	Vesicle-associated membrane protein 1 (synaptobrevin 1)
TNK	-1.7	0.26	0.26	TRAF2 and NCK interacting kinase
RAB1A	-1.7	0.04	0.04	RAB1A, member RAS oncogene family
WASF2	-1.7	0.10	0.10	WAS protein family, member 2
HGS	-1.7	0.03	0.03	Hepatocyte growth factor-regulated tyrosine kinase substrate
PRK3	-1.7	0.18	0.18	Inositol hexakisphosphate kinase 3
ATG5	-1.6	0.16	0.16	Autophagy related 5
EPN2	-1.6	0.07	0.07	Epsin 2
COPA	-1.6	0.07	0.07	Coatomer protein complex, subunit alpha
ASAP2	-1.6	0.37	0.37	AHGAP with SH3 domain, ankyrin repeat and PH domain 2
PHF1A	-1.6	0.03	0.03	Phosphatidylinositol 4-phosphate 5-kinase, type I, alpha
DNM1	-1.6	0.04	0.04	Dynamitin 1
EPN1	-1.5	0.16	0.16	Epsin 1
MAP1LC3A	-1.5	0.12	0.12	Microtubule-associated protein 1 light chain 3 alpha
ATM	-1.5	0.20	0.20	ATM serine/threonine kinase
RAB11A	-1.5	0.04	0.04	RAB11, member RAS oncogene family
ATP9VC	-1.5	0.10	0.10	ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c
HIP1R	-1.5	0.31	0.31	Huntingtin interacting protein 1 related
PDCD6P	-1.5	0.15	0.15	Programmed cell death 6 interacting protein
DAPF1	-1.5	0.03	0.03	Diaphanous-related formin 1
VAV2	-1.5	0.12	0.12	VAV 2 guanine nucleotide exchange factor
WAS	-1.5	0.04	0.04	Wiskott-Aldrich syndrome
ARPC1B	-1.4	0.12	0.12	Actin related protein 2/3 complex, subunit 1B, 41kDa
VAVP	-1.4	0.17	0.17	VAMP (vesicle-associated membrane protein)-associated protein B and C
EZR	-1.4	0.27	0.27	Ezrin
SYNJ1	-1.4	0.14	0.14	Synaptojanin 1
MAP4K2	-1.4	0.07	0.07	Mitogen-activated protein kinase kinase kinase kinase 2
CLF1	-1.4	0.42	0.42	Cofilin 1 (non-muscle)
RAB2A	-1.4	0.04	0.04	RAB2A, member RAS oncogene family
RAC1	-1.4	0.24	0.24	RAS-related C3 botulinum toxin substrate 1 (Rho family, small GTP binding protein Rac1)
ARF6	-1.4	0.16	0.16	ADP-ribosylation factor 6
EFS	-1.4	0.16	0.16	Embryonal Fyn-associated substrate
RAB5C	-1.3	0.05	0.05	RAB5C, member RAS oncogene family
ACACA	-1.3	0.09	0.09	Acetyl-CoA carboxylase alpha
AP2M1	-1.3	0.09	0.09	Adaptor-related protein complex 2, mu 1 subunit
CR2	-1.3	0.27	0.27	Calcium and integrin binding family member 2
RAB8B	-1.3	0.17	0.17	RAB8B, member RAS oncogene family
CLBC	-1.3	0.03	0.03	Clb proto-oncogene, E3 ubiquitin protein ligase
ARF1	-1.3	0.02	0.02	ADP-ribosylation factor 1
CAMK1	-1.3	0.06	0.06	Calcium/calmodulin-dependent protein kinase 1
VAMP2	-1.3	0.11	0.11	Vesicle-associated membrane protein 2 (synaptobrevin 2)
PHK4	-1.3	0.01	0.01	Phosphatidylinositol 4-kinase, catalytic, alpha
EPN3	-1.3	0.01	0.01	Epsin 3
SREBF1	-1.3	0.31	0.31	Sterol regulatory element binding transcription factor 1
RAB8A	-1.3	0.08	0.08	RAB8A, member RAS oncogene family
PK3CG	-1.3	0.01	0.01	Phosphatidylinositol 4,5-bisphosphate 3-kinase, catalytic subunit gamma
NEDD4	-1.2	0.19	0.19	Neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase
MAPKBP1	-1.2	0.15	0.15	Mitogen-activated protein kinase 8 interacting protein 1
CAV1	-1.2	0.06	0.06	Caveolin 1
ARF5	-1.2	0.10	0.10	ADP-ribosylation factor 5
SYNJ2	-1.2	0.04	0.04	Synaptojanin 2
AP1M1	-1.2	0.04	0.04	Adaptor-related protein complex 1, mu 1 subunit
RAB8B	-1.2	0.15	0.15	RAB8B, member RAS oncogene family
SH3GLB2	-1.2	0.15	0.15	SH3-domain GRB2-like endophilin B2
CB3	-1.2	0.09	0.09	Calcium and integrin binding family member 3
SECN1	-1.2	0.11	0.11	Beclin 1, autophagy related
SNX1	-1.2	0.12	0.12	Sorting nexin 1
RAB8A	-1.2	0.08	0.08	RAB8A, member RAS oncogene family
RAB8A	-1.2	0.08	0.08	RAB8A, member RAS oncogene family
ADAM10	-1.2	0.19	0.19	ADAM metalloprotease domain 10
CAV1	-1.2	0.06	0.06	Caveolin 1, caveolae protein, 22kDa
VAPA	-1.2	0.12	0.12	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa
GRB2	-1.1	0.03	0.03	Growth factor receptor-bound protein 2
SAR1A	-1.1	0.09	0.09	Secretion associated, RAS related GTPase 1A
SEC13	-1.1	0.07	0.07	SEC13 homolog (S. cerevisiae)
PACSN1	-1.1	0.03	0.03	Protein kinase C and casein kinase substrate in neurons 1
SYT2	-1.1	0.12	0.12	Synaptojanin II
ACTR3	-1.1	0.07	0.07	ARF3 actin-related protein 3 homolog (yeast)
RAB8A	-1.1	0.03	0.03	RAB8A, member RAS oncogene family
EEA1	-1.1	0.06	0.06	Early endosome antigen 1
RAB29	-1.1	0.01	0.01	RAB29, member RAS oncogene family
BIN1	-1.1	0.08	0.08	Bridging integrator 1
ARPC4	-1.0	0.05	0.05	Actin related protein 2/3 complex, subunit 4, 20kDa
ARPC2	-1.0	0.00	0.00	Actin related protein 2/3 complex, subunit 5, 18kDa
WASF1	-1.0	0.51	0.51	WAS protein family, member 1
DNM2	-1.0	0.16	0.16	Dynamitin 2
ACTR2	-1.0	0.16	0.16	ARF2 actin-related protein 2 homolog (yeast)
CRB1	-1.0	0.60	0.60	CRB1 molecule
CLTB	0.0	1.52	1.52	Clathrin, light chain B
ARRB2	0.0	1.57	1.57	Arrestin, beta 2
NSF	0.0	1.48	1.48	N-ethylmaleimide-sensitive factor
CLTC	0.0	0.44	0.44	Clathrin, heavy chain (Hc)
ATG12	0.0	1.49	1.49	Autophagy related 12
ARPC1	0.0	1.46	1.46	Adaptor-related protein complex 3, delta 1 subunit
EPN3	0.0	1.50	1.50	ELKS/RAB6-interacting/CAST family member 1
MAPKBP3	0.0	1.54	1.54	Mitogen-activated protein kinase 8 interacting protein 3
PHK2A	0.0	1.64	1.64	Phosphatidylinositol 4-kinase type 2 alpha
SNX2	0.1	1.64	1.64	Sorting nexin 2
EPH5	0.1	1.62	1.62	Epidermal growth factor receptor pathway substrate 15
AP1M2	0.1	0.05	0.05	Adaptor-related protein complex 1, mu 2 subunit
AMPH	1.1	0.05	0.05	Amphiphysin
LMK1	1.1	0.05	0.05	LIM domain kinase 1
DNM3	1.1	0.03	0.03	Dynamitin 3
VPS4A	1.1	0.03	0.03	Vacuolar protein sorting 4 homolog A (S. cerevisiae)
ARFP2	1.1	0.03	0.03	ADP-ribosylation factor interacting protein 2
ARPC2	1.1	0.01	0.01	Actin related protein 2/3 complex, subunit 2, 34kDa
GORASP1	1.1	0.00	0.00	Golgi reassembly stacking protein 1, 65kDa
RAB3A	1.1	0.04	0.04	RAB3A, member RAS oncogene family
SYT1	1.1	0.04	0.04	Synaptojanin I
STAU1	1.2	0.01	0.01	Staufen double-stranded RNA binding protein 1
CYTH3	1.2	0.11	0.11	Cytohesin 3
RAB11FP5	1.2	0.01	0.01	RAB11 family interacting protein 5 (class I)
TSG101	1.2	0.10	0.10	Tumor susceptibility 101
RAB7B	1.3	0.01	0.01	RAB7B, member RAS oncogene family
GTI1	1.3	0.08	0.08	G protein-coupled receptor kinase interacting AHGAP 1
NEDDL3	1.3	0.01	0.01	Neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase
RAB8	1.3	0.06	0.06	RAB8, member RAS oncogene family
RHOA	1.3	0.06	0.06	RAS homolog family member A
RAB3D	1.3	0.00	0.00	RAB3D, member RAS oncogene family
PCALM	1.5	0.07	0.07	Phosphatidylinositol binding clathrin assembly protein
CLTC1	1.5	0.11	0.11	Clathrin, heavy chain 1
RAB3C	1.5	0.11	0.11	RAB3C, member RAS oncogene family
AP2B1	1.6	0.05	0.05	Adaptor-related protein complex 2, beta 1 subunit
ROCK1	1.6	0.02	0.02	Rho-associated, coiled-coil containing protein kinase 1

B

Gene	PR	Fold change	Std dev	VP	Description
VCP	-4.3	0.70	-0.25	0.49	Valosin containing protein
COPB2	-2.0	0.25	-0.23	0.30	Coatomer protein complex, subunit beta 2 (beta prime)
ATP9VC	-1.5	0.10	-0.23	0.34	ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c
COPA	-1.4	0.37	-0.24	0.44	Coatomer protein complex, subunit alpha
ERC1	0.0	1.50	-0.13	0.30	ELKS/RAB6-interacting/CAST family member 1
VPS36	-3.0	0.30	-0.10	0.18	Vacuolar protein sorting 36 homolog (S. cerevisiae)
PK3CG	-2.0	0.83	-0.4	0.34	Phosphatidylinositol 4-phosphate 3-kinase, catalytic subunit type 2 gamma
ASAP2	-1.6	0.37	-0.45	0.45	AHGAP with SH3 domain, ankyrin repeat and PH domain 2
FYN	-4.1	1.96	-0.18	0.79	FYN proto-oncogene, Src family tyrosine kinase
RAB4B	1.3	0.37	-0.7	2.29	RAB4B, member RAS oncogene family
ITSN1	-1.8	0.27	-0.9	2.09	Intersectin 1 (SH3 domain protein)
DAB2	-3.1	0.38	-2.8	2.49	Dab, mitogen-responsive phosphoprotein, homolog 2 (Drosophila)
VPS4A	1.1	0.01	-0.4	0.71	Vacuolar protein sorting 4 homolog A (S. cerevisiae)
WASF3	-2.0	0.55	-0.1	0.81	WAS protein family, member 3
ATM	-1.5	0.20	-0.7	0.82	ATM serine/threonine kinase
ATG5	-1.6	0.16	-0.6	0.96	Autophagy related 5
CLINT1	-1.8	0.13	-0.8	0.60	Clathrin interactor 1
AP1M1	-1.2	0.04	-0.2	1.61	Adaptor-related protein complex 1, mu 1 subunit
ARRB1	-2.4	0.10	-0.6	0.58	Arrestin, beta 1
BIN1	-1.1	0.08	-0.7	0.72	Bridging integrator 1
CLB	-3.1	0.17	-0.6	0.76	Clb proto-oncogene, E3 ubiquitin protein ligase
RAB11A	-1.5	0.04	-0.4	1.55	RAB11A, member RAS oncogene family
RAC1	-1.4	0.24	-0.3	2.01	RAS-related C3 botulinum toxin substrate 1 (Rho family, small GTP binding protein Rac1)
ARRB2	-2.0	0.17	-0.6	1.57	Arrestin, beta 2
PHK2B	-0.3	0.45	-0.8	0.94	Phosphatidylinositol 4-kinase type 2 beta
SH3GLB1	-1.9	0.08	-0.6	0.91	SH3-domain GRB2-like endophilin B1
RAB6A	-1.2	0.08	-0.5	1.09	RAB6A, member RAS oncogene family
SAR1A	-1.1	0.09	-0.5	0.31	Secretion associated, RAS related GTPase 1A
SNAP1	-3.4	0.13	-0.2	0.48	Synaptonemal-associated protein, 31kDa
SYNJ2	-1.2	0.04	-0.2	0.69	Synaptojanin 2
EPN2	-1.6	0.07	-1.2	1.26	Epsin 2
PIPK1A	-1.6	0.03	-1.9	0.54	Phosphatidylinositol 4-phosphate 5-kinase, type I, alpha
CLTB	-0.1	0.62	-1.7	0.62	Clathrin, light chain B
ARF3	-1.9	0.03	-1.7	0.50	ADP-ribosylation factor 3
AP2A1	-2.5	0.00	-1.7	0.19	Adaptor-related protein complex 2, alpha 1 subunit
RAB8B	-2.4	1.60	-1.7	3.86	RAB8B, member RAS oncogene family
EPN1	-1.5	0.16	-1.6	0.8	Epsin 1
RAB5C	-1.3	0.05	-1.6	0.08	RAB5C, member RAS oncogene family
GNB2L1	-1.8	0.01	-1.6	0.51	Guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
WASF2	-1.7	0.10	-1.5	0.67	WAS protein family, member 2
CLTC	-1.7	0.17	-1.5	0.34	Clathrin/calmodulin-dependent protein kinase 1
RAB1A	-1.7	0.02	-1.5	0.10	RAB1A, member RAS oncogene family
RAB11FP5	1.2	0.04	-1.5	0.18	RAB11 family interacting protein 5 (class I)
CLTC	0.0	1.47	-1.4	0.38	Clathrin, heavy chain (Hc)
RAB8B	-1.3	0.17	-1.3	0.69	RAB8B, member RAS oncogene family
EFS	-1.4	0.16	-1.3	0.34	Embryonal Fyn-associated substrate
CD81	-0.1	1.80	-1.3	0.15	CD81 molecule
ARF5	-1.2	0.10	-1.1	0.01	ADP-ribosylation factor 5
ADAM10	-1.2	0.19	-1.0	3.22	ADAM metalloprotease domain 10
MAPKBP2	-1.9	0.49	-0.6	2.67	Mitogen-activated protein kinase 8 interacting protein 2
DNM1	-1.6	0.04	-0.4	1.97	Dynamitin 1
ARF1	-1.3	0.02	-0.2	1.71	ADP-ribosylation factor 1
RAB3A	-1.4	0.04	-0.1	1.73	RAB3A, member RAS oncogene family
RAB3A	1.1	0.04	-0.1	1.63	RAB3A, member RAS oncogene family
PACSN3	-2.7	1.18	-0.1	2.65	Protein kinase C and casein kinase substrate in neurons 3
CLTA	-1.8	0.17	-0.1	1.66	Clathrin, light chain A
VAV2	-1.5	0.12	0.0	1.49	VAV 2 guanine nucleotide exchange factor
SV					