

Table SI. Proteins differentially expressed after PLEKHA4 knockdown.

Protein	Description	Gene	Expression
P21333	Filamin-A	FLNA	Down
P49327	Fatty acid synthase	FASN	Up
P34931	Heat shock 70 kDa protein 1-like	HSPA1L	Up
Q32Q12	Nucleoside diphosphate kinase	NME1-NME2	Up
Q9UHN6	Cell surface hyaluronidase	CEMIP2	Down
P31946	14-3-3 protein β/α	YWHAB	Up
A8K6A6	cDNA FLJ78619, highly similar to <i>Homo sapiens</i> melanoma cell adhesion molecule, mRNA		Down
Q562L9	Actin-like protein (fragment)	ACT	Down
P52895	Aldo-keto reductase family 1 member C2	AKR1C2	Up
P04259	Keratin, type II cytoskeletal 6B	KRT6B	Down
A0A024R059	Hydroxymethylglutaryl-CoA synthase	HMGCS1	Up
B4DKV4	cDNA FLJ60647, highly similar to Keratin, type II cytoskeletal 6B		Down
Q13740	CD166 antigen	ALCAM	Down
D9YZV5	Tropomyosin 1 (α) isoform 4	TPM1	Down
Q9NZ23	Drug-sensitive protein 1	YA61	Down
A0A024RBX6	Pirin (Iron-binding nuclear protein), isoform CRA_a	PIR	Up
P11233	Ras-related protein Ral-A	RALA	Down
B4DYC6	cDNA FLJ60958, highly similar to <i>Homo sapiens</i> SGT1, suppressor of G2 allele of SKP1, mRNA		Up
B2R4P9	Histone H3	H3F3A	Down
Q8TE01	DERP12 (dermal papilla derived protein 12)	derp12	Down

O15173	Membrane-associated progesterone receptor component 2	PGRMC2	Down
Q5U0C3	RAP1A, member of RAS oncogene family		Down
P43007	Neutral amino acid transporter A	SLC1A4	Down
A6XND1	Insulin-like growth factor-binding protein 3		Down
A0A4P2STI8	MHC class I antigen	HLA-B	Down
A0A2I6J4D4	MHC class I antigen	HLA-A	Down
P30405	Peptidyl-prolyl cis-trans isomerase F, mitochondrial	PPIF	Down
A8K0D2	cDNA FLJ77740, highly similar to <i>Homo sapiens</i> 7-dehydrocholesterol reductase, mRNA		Up
Q53XM7	VAMP (vesicle-associated membrane protein)-associated protein B and C	VAPB	Down
P05937	Calbindin	CALB1	Down
A0A087WWD4	Neural cell adhesion molecule 1	NCAM1	Down
Q8TED1	Probable glutathione peroxidase 8	GPX8	Down
P69905	Hemoglobin subunit α	HBA2	Up
M1VE83	Tyrosine-protein kinase receptor	SDC4-ROS1_S4;R34	Down
Q7Z2W9	39S ribosomal protein L21, mitochondrial	MRPL21	Down
M0R1T5	Charged multivesicular body protein 2a	CHMP2A	Up
A0A024R6A0	Arginase	ARG2	Down
Q16695	Histone H3.1t	H3-4	Down
K4DIA7	Tetraspanin (fragment)	CD151	Down
A0A896YBD6	MHC class II antigen	HLA-DQA1	Down
Q14192	Four and a half LIM domains protein 2	FHL2	Down
P36639	Oxidized purine nucleoside triphosphate hydrolase	NUDT1	Up

O95470	Sphingosine-1-phosphate lyase 1	SGPL1	Down
O14933	Ubiquitin/ISG15-conjugating enzyme E2 L6	UBE2L6	Down
A6NMQ3	α -endosulfine	ENSA	Up
D3DR32	M-phase phosphoprotein 1, isoform CRA_a	MPHOSPH1	Down
Q71N00	C75F		Down
Q92692	Nectin-2	NECTIN2	Down
B4DGI3	TNF receptor-associated factor		Down
Q8IWR0	Zinc finger CCCH domain-containing protein 7A	ZC3H7A	Down
Q96RD7	Pannexin-1	PANX1	Down
L0R6Q1	SLC35A4 upstream open reading frame protein	SLC35A4	Down
O60942	mRNA-capping enzyme	RNGTT	Down
Q69EZ8	Prothrombin (fragment)		Down
B2R749	cDNA, FLJ93285, highly similar to <i>Homo sapiens</i> cell division cycle associated 3, mRNA		Down
Q59H64	Enhancer of zeste homolog 2 variant (fragment)		Down
B4DMA8	Kinesin-like protein		Down
E9PE24	Visinin-like protein 1 (fragment)	VSNL1	Up
B5MCR8	Solute carrier family 30 (Zinc transporter), member 6, isoform CRA_b	SLC30A6	Down
Q9BY76	Angiopietin-related protein 4	ANGPTL4	Down
P04271	Protein S100-B	S100B	Up
B3KPB8	Receptor for retinol uptake STRA6		Up
X5D8W0	Cell adhesion molecule 1 isoform D (fragment)	CADM1	Down
Q8WXV6	Plectin isoform 1a (fragment)	PLEC1	Down
H3BP35	Diphosphomevalonate decarboxylase (fragment)	MVD	Up

H7BYY4	Chromosome 10 open reading frame 89, isoform CRA_b	PSTK	Down
D9ZGG2	Vitronectin	VTN	Down
B2RBS8	cDNA, FLJ95666, highly similar to <i>Homo sapiens</i> albumin, mRNA		Down
E9PGC8	Microtubule-associated protein 1A	MAP1A	Down
P42574	Caspase-3	CASP3	Down
A0A7R8C2E8	MHC class I antigen	HLA-C	Down
Q9C002	Normal mucosa of esophagus-specific gene 1 protein	NMES1	Down
Q99685	Monoglyceride lipase	MGLL	Down
A8K2X6	cDNA FLJ77840, highly similar to <i>Homo sapiens</i> solute carrier family 43, member 3, mRNA		Down
B7Z507	Matrix metalloproteinase-9		Down
A0A8V8TMY5	E3 ubiquitin-protein ligase Hakai	CBLL1	Down
B4DGP7	Nucleolar protein 12		Down
J3QLM1	StAR-related lipid transfer protein 3	STARD3	Down
H7C417	Mitochondrial fission process protein 1 (fragment)		Down
A0A024R5L4	Transmembrane protein 126B, isoform CRA_c	TMEM126B	Down
B3KNQ9	cDNA FLJ30200 fis, clone BRACE2001455, highly similar to heat shock factor protein 1		Down
A0A087WU07	MICOS complex subunit MIC10	MICOS10	Down
Q9GZP4	PITH domain-containing protein 1	PITHD1	Down
Q9Y6N1	Cytochrome <i>c</i> oxidase assembly protein COX11, mitochondrial	COX11	Down

Q96CS2	HAUS augmin-like complex subunit 1	HAUS1	Down
Q2L6J2	DNA-directed RNA polymerase subunit	ZNRD1	Down
B4DVV7	Methionine--tRNA ligase, mitochondrial		Down
A0A1U9X8R9	RING-type E3 ubiquitin transferase		Down
B4DPS7	Hermansky-Pudlak syndrome 3 protein homolog		Down
M0QYM3	Protein lin-37 homolog	LIN37	Down
O00124	UBX domain-containing protein 8	UBXN8	Down
Q2KHR3	Glutamine and serine-rich protein 1	QSER1	Down
Q8TBR7	TLC domain-containing protein 3A	TLCD3A	Down
A0A804HJB3	mRNA export factor GLE1	GLE1	Down
H0YH70	Multiple PDZ domain protein (fragment)	MPDZ	Down
Q8WXE9	Stonin-2	STON2	Down
P0C221	Coiled-coil domain-containing protein 175	CCDC175	Down
B4DQD8	ADP-ribosylation factor-like protein 2-binding protein		Up
B4DIA8	Battenin		Up
A0PJH0	GPR110 protein (fragment)	GPR110	Down
A0A059QFD5	Cytochrome <i>c</i> oxidase subunit 2	COX2	Down
A0A8V8TM60	Single-pass membrane and coiled-coil domain-containing protein 2	SMCO2	Down
Q9NP84	Tumor necrosis factor receptor superfamily member 12A	TNFRSF12A	Down
Q9H2X9	Solute carrier family 12 member 5	SLC12A5	Down
A0A126GW78	Olfactory receptor	OR5AC2	Down
E7EM50	GPI ethanolamine phosphate transferase 2	PIGG	Down
A0A1W2PPI5	DEAD/H (Asp-Glu-Ala-Asp/His) box	INTS6L	Down

	polypeptide 26B, isoform CRA_b		
A0A0A0MQV6	Fibroblast growth factor	FGF2	Down
B4DZC6	cDNA FLJ60989, highly similar to Bardet-Biedl syndrome 5 protein		Down
Q96G28	Cilia- and flagella-associated protein 36	CFAP36	Up
A0A6Q8PGB1	Centrosomal protein of 290 kDa	CEP290	Down
Q86WW8	Cytochrome <i>c</i> oxidase assembly factor 5	COA5	Down
L0R6G9	Alternative protein	FUNDC2	Down
F8U8C0	Tumor necrosis factor receptor superfamily member 10A	TNFRSF10A	Down
A0A024R035	Complement component C9	C9	Down
P48775	Tryptophan 2,3-dioxygenase	TDO2	Down
Q9H981	Actin-related protein 8	ACTR8	Down
C9J5X1	Tyrosine-protein kinase receptor	IGF1R	Down
Q13432	Protein unc-119 homolog A	UNC119	Down
A0A087WVI3	Deuterosome assembly protein 1	DEUP1	Down
P05120	Plasminogen activator inhibitor 2	SERPINB2	Down
A4PB31	Ovule protein		Down
F6RJM5	non-specific serine/threonine kinase	RPS6KC1	Down
A0A0A0MT16	ATP-binding cassette sub-family A member 13	ABCA13	Down
K7EKM5	Triggering receptor expressed on myeloid cells 1	TREM1	Down
O60637	Tetraspanin-3	TSPAN3	Up
P35499	Sodium channel protein type 4 subunit α	SCN4A	Down
Q8IYB1	Nucleotidyltransferase	MB21D2	Down

X6RHX1	Protein-associating with the carboxyl-terminal domain of ezrin (Fragment)	SCYL3	Up
B2R6W1	cDNA, FLJ93143, highly similar to <i>Homo sapiens</i> complement component 7, mRNA		Down
A0A0C4DGG5	Rho GTPase-activating protein 20	ARHGAP20	Down
