

Cell Differentiation		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_13615	E74-like factor 3 (ets domain transcription factor, epithelial-specific)	2.80
ILMN_21869	EPH receptor A4	2.58
ILMN_5986	G protein-coupled receptor 183	-2.15
ILMN_5586	KIT ligand	-2.57
ILMN_8384	PR domain containing 1, with ZNF domain	-2.43
ILMN_19136	RAN, member RAS oncogene family	-2.69
ILMN_15630	SATB homeobox 2	-2.25
ILMN_5130	SH2B adaptor protein 3	-4.36
ILMN_1046	TIMP metalloproteinase inhibitor 2	4.25
ILMN_28887	Zic family member 2 (odd-paired homolog, Drosophila)	-2.25
ILMN_23272	amyloid beta (A4) precursor protein	2.19
ILMN_18802	angiopoietin 2	-40.43
ILMN_20440	angiopoietin-like 4	-2.05
ILMN_27187	bone morphogenetic protein 4	-3.20
ILMN_7507, ILMN_28609	brain-derived neurotrophic factor	7.39
ILMN_1624	caveolin 1, caveolae protein, 22kDa	3.05
ILMN_5108	caveolin 2	2.86
ILMN_3374	connective tissue growth factor	3.35
ILMN_3062	cyclin-dependent kinase 6	-2.36
ILMN_10501	cystatin A (stefin A)	-7.48
ILMN_21296	cytochrome P450, family 24, subfamily A, polypeptide 1	-17.96
ILMN_27871	dedicator of cytokinesis 7	-22.54
ILMN_5440	dual specificity phosphatase 6	-5.84
ILMN_10721	early growth response 2	-2.67
ILMN_3827	ephrin-B2	-2.44
ILMN_15615	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	2.23
ILMN_17131	epiregulin	-2.63
ILMN_25097	epithelial membrane protein 1	3.82
ILMN_16913	ets homologous factor	5.02
ILMN_18897	fibroblast growth factor 19	-2.23
ILMN_1771	fibroblast growth factor 9 (glia-activating factor)	-3.80
ILMN_21371	filamin B, beta (actin binding protein 278)	6.82
ILMN_23624	forkhead box C1	-3.12
ILMN_22730,		
ILMN_11197	glutaredoxin 2	-2.11
ILMN_18641	hairy/enhancer-of-split related with YRPW motif 1	-2.36
ILMN_6829	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein	-3.22
ILMN_25529	insulin-like growth factor binding protein 3	3.05

Cell Differentiation (Continued)		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_12662	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-4.25
ILMN_6529	keratin 19	3.35
ILMN_4021	laminin, alpha 4	-2.48
ILMN_7322	laminin, beta 1	-4.95
ILMN_3286	microtubule-actin crosslinking factor 1	-2.12
ILMN_28251, ILMN_9993	microtubule-associated protein 1B	3.00
ILMN_3041, ILMN_10370	myelin basic protein	2.50
ILMN_26696	myosin, light chain 2, regulatory, cardiac, slow	2.08
ILMN_26971	neuronal guanine nucleotide exchange factor	2.17
ILMN_17483	neuropilin 1	-2.77
ILMN_7200	nuclear receptor subfamily 2, group F, member 1	-6.66
ILMN_28405	nuclear receptor subfamily 4, group A, member 2	-2.58
ILMN_17074	ovo-like 2 (Drosophila)	-2.45
ILMN_19894	parathyroid hormone 1 receptor	2.06
ILMN_6504	periplakin	2.68
ILMN_7980	peroxisome proliferator-activated receptor gamma	-2.01
ILMN_5923	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	2.62
ILMN_27588	pre-B-cell leukemia homeobox 1	2.33
ILMN_15492	proprotein convertase subtilisin/kexin type 9	2.02
ILMN_18896	protein tyrosine phosphatase, receptor type, F	2.02
ILMN_24484	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A	-81.44
ILMN_29382	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	2.03
ILMN_25026	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B	2.33
ILMN_11282	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A	2.79
ILMN_28730	similar to protein kinase, DNA-activated, catalytic polypeptide; protein kinase, DNA-activated, catalytic polypeptide	2.39
ILMN_17250	solute carrier family 1 (glial high affinity glutamate transporter), member 3	2.53
ILMN_11307	sortilin 1	-2.03
ILMN_5286	tetratricopeptide repeat domain 3; tetratricopeptide repeat domain 3-like	3.54
ILMN_16372	tumor necrosis factor, alpha-induced protein 2	2.18
ILMN_9324	twist homolog 1 (Drosophila)	2.20
ILMN_25778	versican	2.82
ILMN_21728	wingless-type MMTV integration site family, member 3A	-2.25
Regulation of Transcription		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_17477	AT rich interactive domain 5B (MRF1-like)	2.48
ILMN_2259	CCR4-NOT transcription complex, subunit 1	-2.02
ILMN_20291	CREB/ATF bZIP transcription factor	2.25
ILMN_1724	D site of albumin promoter (albumin D-box) binding protein	3.16

Regulation of Transcription (<i>Continued</i>)		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_19730	E2F transcription factor 2	-2.34
ILMN_24725	E2F transcription factor 8	-2.02
ILMN_13615	E74-like factor 3 (ets domain transcription factor, epithelial-specific)	2.80
ILMN_8384	PR domain containing 1, with ZNF domain	-2.43
ILMN_4347	SERTA domain containing 2	2.96
ILMN_10011	SMAD family member 7	-2.23
ILMN_17156	TH1-like (Drosophila)	-2.01
ILMN_24821	activating signal cointegrator 1 complex subunit 1	-2.36
ILMN_6018	activating signal cointegrator 1 complex subunit 3	2.05
ILMN_1659	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3F	2.18
ILMN_15884	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G	2.10
ILMN_7180	basic leucine zipper transcription factor, ATF-like 3	-2.26
ILMN_2684, ILMN_30355	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	-2.52
ILMN_6524	cysteine-serine-rich nuclear protein 1	-2.22
ILMN_10721	early growth response 2	-2.67
ILMN_25740	enhancer of zeste homolog 2 (Drosophila)	-2.37
ILMN_17131	epiregulin	-2.63
ILMN_16913	ets homologous factor	5.02
ILMN_23624	forkhead box C1	-3.12
ILMN_138374	forkhead box D1	-2.29
ILMN_10159	forkhead box N2	2.23
ILMN_9965	forkhead box Q1	2.26
ILMN_18641	hairy/enhancer-of-split related with YRPW motif 1	-2.36
ILMN_15541	homeobox C4	2.55
ILMN_4115	interferon regulatory factor 7	3.95
ILMN_4335	mediator complex subunit 22	2.00
ILMN_137891	msh homeobox 1	-3.03
ILMN_10519	nuclear receptor coactivator 3	2.17
ILMN_7200	nuclear receptor subfamily 2, group F, member 1	-6.66
ILMN_28405	nuclear receptor subfamily 4, group A, member 2	-2.58
ILMN_804	nuclear receptor subfamily 4, group A, member 3	-2.33
ILMN_30051	nucleosomal binding protein 1	2.50
ILMN_17074	ovo-like 2 (Drosophila)	-2.45
ILMN_10778	peroxisomal proliferator-activated receptor A interacting complex 285	2.23
ILMN_7980	peroxisome proliferator-activated receptor gamma	-2.01
ILMN_27588	pre-B-cell leukemia homeobox 1	2.33
ILMN_10669	similar to transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila); transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	2.33
ILMN_9797	splicing factor, arginine/serine-rich 8 (suppressor-of-white-apricot homolog, Drosophila)	-2.03
ILMN_18876	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)	4.11
ILMN_24479	tripartite motif-containing 24	2.29

Regulation of Transcription (Continued)		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_9324	twist homolog 1 (Drosophila)	2.20
ILMN_5708	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	2.80
ILMN_13830	vacuolar protein sorting 36 homolog (S. cerevisiae)	2.86
ILMN_9797	splicing factor, arginine/serine-rich 8 (suppressor-of-white-apricot homolog, Drosophila)	-2.03
ILMN_18876	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)	4.11
ILMN_24479	tripartite motif-containing 24	2.29
ILMN_9324	twist homolog 1 (Drosophila)	2.20
ILMN_5708	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	2.80
ILMN_13830	vacuolar protein sorting 36 homolog (S. cerevisiae)	2.86
ILMN_10297	zinc finger protein 20	2.47
ILMN_12055	zinc finger protein 266	2.70
ILMN_17231	zinc finger protein 395	3.12
ILMN_2849	zinc finger protein 419	2.12
ILMN_13082	zinc finger protein 426	-2.02
ILMN_22117	zinc finger protein 45	2.50
ILMN_24422	zinc finger protein 702 pseudogene	2.62
ILMN_15160	zinc finger protein 816A	2.50
ILMN_23108	zinc finger protein 83	2.91
ILMN_6363	zinc finger protein 84	2.82
ILMN_13294	zinc finger protein 91	2.18
Regulation of Cell Communication		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_12195	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	2.32
ILMN_8233	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	2.07
ILMN_20228	DNA-damage-inducible transcript 4-like	-2.24
ILMN_4727	FYVE, RhoGEF and PH domain containing 6	2.07
ILMN_5586	KIT ligand	-2.57
ILMN_21302	NPC-A-7; bone marrow stromal cell antigen 2	2.93
ILMN_13405	RAP1 GTPase activating protein	2.69
ILMN_23476	S100 calcium binding protein P	-3.69
ILMN_10011	SMAD family member 7	-2.23
ILMN_20610	TBC1 domain family, member 15	2.47
ILMN_3919	TBC1 domain family, member 19	-2.70
ILMN_1046	TIMP metalloproteinase inhibitor 2	4.25
ILMN_23732	actin filament associated protein 1-like 2	2.07
ILMN_23272	amyloid beta (A4) precursor protein	2.19
ILMN_27187	bone morphogenetic protein 4	-3.20
ILMN_7507, ILMN_28609	brain-derived neurotrophic factor	7.39
ILMN_1624	caveolin 1, caveolae protein, 22kDa	3.05
ILMN_5108	caveolin 2	2.86
ILMN_2442	chromosome 5 open reading frame 13	2.21
ILMN_20121	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	-3.06
ILMN_16536	cytohesin 4	2.15
ILMN_27871	dedicator of cytokinesis 7	-22.54
ILMN_5440	dual specificity phosphatase 6	-5.84
ILMN_10721	early growth response 2	-2.67
ILMN_25740	enhancer of zeste homolog 2 (Drosophila)	-2.37

Regulation of Cell Communication (<i>Continued</i>)		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_15615	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	2.23
ILMN_17131	epiregulin	-2.63
ILMN_18897	fibroblast growth factor 19	-2.23
ILMN_1771	fibroblast growth factor 9 (glia-activating factor)	-3.80
ILMN_13466	glutamate receptor, ionotropic, N-methyl D-aspartate 2C	-2.38
ILMN_22730,		
ILMN_11197	glutaredoxin 2	-2.11
ILMN_22105	guanine nucleotide binding protein (G protein), gamma 7	2.02
ILMN_18432	insulin receptor substrate 1	-2.23
ILMN_25529	insulin-like growth factor binding protein 3	3.05
ILMN_12662	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-4.25
ILMN_11560	kallikrein-related peptidase 6	7.71
	membrane associated guanylate kinase, WW and PDZ domain containing 1; CNKSR family member 3	-2.08
ILMN_13886		
ILMN_28251, ILMN_9993	microtubule-associated protein 1B	3.00
ILMN_3874	mitogen-activated protein kinase kinase kinase 5	-2.03
ILMN_10246	mitogen-activated protein kinase kinase kinase 5	2.37
ILMN_26971	neuronal guanine nucleotide exchange factor	2.17
ILMN_10519	nuclear receptor coactivator 3	2.17
ILMN_17074	ovo-like 2 (Drosophila)	-2.45
ILMN_3538	phosphatidic acid phosphatase type 2B	2.00
ILMN_1289	plasminogen activator, tissue	-6.39
ILMN_28109	pleckstrin homology domain containing, family G (with RhoGef domain) member 3	2.03
ILMN_15492	proprotein convertase subtilisin/kexin type 9	2.02
	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-2.21
ILMN_29986		
ILMN_18896	protein tyrosine phosphatase, receptor type, F	2.51
ILMN_11345	signal-induced proliferation-associated 1 like 2	-5.50
	similar to transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila); transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	2.33
ILMN_10669		
ILMN_17250	solute carrier family 1 (glial high affinity glutamate transporter), member 3	2.53
ILMN_5176	solute carrier family 44, member 2	2.28
ILMN_4882	thrombospondin 1	2.33
	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	3.48
ILMN_7641		
ILMN_24479	tripartite motif-containing 24	2.29
ILMN_2873	ubiquitin specific peptidase 46	-2.17

Regulation of Cell Proliferation		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_24441	CD33 molecule	-7.92
ILMN_22634	CD47 molecule	2.13
ILMN_1724	D site of albumin promoter (albumin D-box) binding protein	3.16
ILMN_5586	KIT ligand	-2.57
ILMN_1046	TIMP metalloproteinase inhibitor 2	4.25
ILMN_27187	bone morphogenetic protein 4	-3.20
ILMN_7507, ILMN_28609	brain-derived neurotrophic factor	7.39
ILMN_1624	caveolin 1, caveolae protein, 22kDa	3.05
ILMN_5108	caveolin 2	2.86
ILMN_3062	cyclin-dependent kinase 6	-2.36
ILMN_2684, ILMN_30355	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	-2.52
ILMN_20121	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	-3.06
ILMN_29728	cysteine-rich protein 2	-3.67
ILMN_26123	ecotropic viral integration site 1	2.82
ILMN_15615	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	2.23
ILMN_17131	epiregulin	-2.63
ILMN_12939	fatty acid binding protein 6, ileal	5.07
ILMN_11546	ferritin, heavy polypeptide 1; ferritin, heavy polypeptide-like 16; similar to ferritin, heavy polypeptide 1; ferritin, heavy polypeptide-like 3 pseudogene	2.05
ILMN_1771	fibroblast growth factor 9 (glia-activating factor)	-3.80
ILMN_9313	fibroblast growth factor binding protein 1	2.65
ILMN_13020	heparin-binding EGF-like growth factor	-2.78
ILMN_18432	insulin receptor substrate 1	-2.23
ILMN_14503	insulin receptor substrate 2	2.33
ILMN_25529	insulin-like growth factor binding protein 3	3.05
ILMN_5216	insulin-like growth factor binding protein 6	3.19
ILMN_12662	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-4.25
ILMN_2247	interleukin 8	-4.35
ILMN_7322	laminin, beta 1	-4.95
ILMN_9188	matrix metalloproteinase 7 (matrilysin, uterine)	2.08
ILMN_137891	msh homeobox 1	-3.03
ILMN_17483	neuropilin 1	-2.77
ILMN_17074	ovo-like 2 (Drosophila)	-2.45
ILMN_19894	parathyroid hormone 1 receptor	2.06
ILMN_7980	peroxisome proliferator-activated receptor gamma	-2.01
ILMN_24167	plasminogen activator, urokinase	2.11
ILMN_27588	pre-B-cell leukemia homeobox 1	2.33
ILMN_2778	prostaglandin E synthase	2.62
ILMN_3001	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	2.75
ILMN_29986	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-2.21
ILMN_18896	protein tyrosine phosphatase, receptor type, F	2.51
ILMN_17676	tensin 3	2.33
ILMN_11441	tetraspanin 31	2.03

Regulation of Cell Proliferation (Continued)		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_4882	thrombospondin 1	2.33
ILMN_7641	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	3.48
ILMN_24479	tripartite motif-containing 24	2.29
ILMN_25430	tryptophanyl-tRNA synthetase	-4.74
ILMN_5708	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	2.80
Lipid Metabolic Process		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_14756	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta)	2.28
ILMN_9737	1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon)	-2.19
ILMN_21049	ATP-binding cassette, sub-family A (ABC1), member 1	5.28
ILMN_22988	DDHD domain containing 2	2.19
ILMN_30044	acetyl-Coenzyme A acyltransferase 1	2.45
ILMN_6029, ILMN_6741	acyl-CoA synthetase long-chain family member 5	-2.64
ILMN_25111	aldehyde dehydrogenase 1 family, member A3	3.82
ILMN_26797	aldehyde dehydrogenase 3 family, member B1	2.58
ILMN_1624	caveolin 1, caveolae protein, 22kDa	3.05
ILMN_24076	choline phosphotransferase 1	-2.11
ILMN_21296	cytochrome P450, family 24, subfamily A, polypeptide 1	-17.96
ILMN_20221	cytochrome P450, family 4, subfamily F, polypeptide 3	2.17
ILMN_12939	fatty acid binding protein 6, ileal	5.07
ILMN_12496	insulin induced gene 1	4.12
ILMN_28744	lipin 1	3.48
ILMN_2030	low density lipoprotein receptor-related protein 8, apolipoprotein e receptor	2.98
ILMN_17785	membrane bound O-acyltransferase domain containing 2	2.45
ILMN_25425	nephronophthisis 3 (adolescent); acyl-Coenzyme A dehydrogenase family, member 11	-2.13
ILMN_7980	peroxisome proliferator-activated receptor gamma	-2.01
ILMN_3538	phosphatidic acid phosphatase type 2B	2.00
ILMN_5923	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	2.62
ILMN_27588	pre-B-cell leukemia homeobox 1	2.33
ILMN_15492	proprotein convertase subtilisin/kexin type 9	2.02
ILMN_2778	prostaglandin E synthase	2.62
ILMN_3001	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	2.75
ILMN_29986	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-2.21
ILMN_671	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	2.02
ILMN_11289	retinol binding protein 1, cellular	-2.21
ILMN_521	squalene epoxidase	2.11

Cell Motility		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_17477	AT rich interactive domain 5B (MRF1-like)	2.48
ILMN_5586	KIT ligand	-2.57
ILMN_23476	S100 calcium binding protein P	-3.69
ILMN_15630	SATB homeobox 2	-2.25
ILMN_5108	caveolin 2	2.86
ILMN_7282	collagen triple helix repeat containing 1	-5.09
ILMN_139036	collagen, type V, alpha 1	-2.35
ILMN_3374	connective tissue growth factor	3.35
ILMN_13178	dynein, axonemal, heavy chain 2	3.69
ILMN_18897	fibroblast growth factor 19	-2.23
ILMN_23624	forkhead box C1	-3.12
ILMN_13020	heparin-binding EGF-like growth factor	-2.78
ILMN_2247	interleukin 8	-4.35
	low density lipoprotein receptor-related protein 8,	
ILMN_2030	apolipoprotein e receptor	2.98
ILMN_17483	neuropilin 1	-2.77
ILMN_7200	nuclear receptor subfamily 2, group F, member 1	-6.66
ILMN_28405	nuclear receptor subfamily 4, group A, member 2	-2.58
ILMN_17074	ovo-like 2 (Drosophila)	-2.45
ILMN_3538	phosphatidic acid phosphatase type 2B	2.00
ILMN_1289	plasminogen activator, tissue	-6.39
ILMN_24167	plasminogen activator, urokinase	2.11
ILMN_12926	poly (ADP-ribose) polymerase family, member 9	2.25
	sema domain, immunoglobulin domain (Ig), short basic domain,	
ILMN_29382	secreted, (semaphorin) 3C	2.03
ILMN_28730	similar to protein kinase, DNA-activated, catalytic polypeptide;	
	protein kinase, DNA-activated, catalytic polypeptide	2.39
ILMN_17676	tensin 3	2.33
ILMN_4882	thrombospondin 1	2.33
ILMN_9324	twist homolog 1 (Drosophila)	2.20
ILMN_5708	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	2.80
ILMN_25778	versican	2.82

Regulation of Cell Death		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_25111	aldehyde dehydrogenase 1 family, member A3	3.82
ILMN_23272	amyloid beta (A4) precursor protein	2.19
ILMN_20440	angiopoietin-like 4	-2.05
ILMN_3897	baculoviral IAP repeat-containing 3	2.61
ILMN_27187	bone morphogenetic protein 4	-3.20
ILMN_7507, ILMN_28609	brain-derived neurotrophic factor	7.39
ILMN_7434	caspase 4, apoptosis-related cysteine peptidase	2.41
	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits	
ILMN_2684, ILMN_30355	CDK4)	-2.52
ILMN_15615	epidermal growth factor receptor (erythroblastic leukemia viral	
	(v-erb-b) oncogene homolog, avian)	2.23
ILMN_23624	forkhead box C1	-3.12

Regulation of Cell Death (Continued)		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_6829	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein	-3.22
ILMN_25529	insulin-like growth factor binding protein 3	3.05
ILMN_30275	interferon induced with helicase C domain 1	2.02
ILMN_3874	mitogen-activated protein kinase kinase kinase 5	-2.03
ILMN_137891	msh homeobox 1	-3.03
ILMN_25768	mutS homolog 6 (E. coli)	2.08
ILMN_26971	neuronal guanine nucleotide exchange factor	2.17
ILMN_28405	nuclear receptor subfamily 4, group A, member 2	-2.58
ILMN_15492	proprotein convertase subtilisin/kexin type 9	2.02
ILMN_29986	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-2.21
ILMN_18896	protein tyrosine phosphatase, receptor type, F	2.51
ILMN_26935	serine/threonine kinase 3 (STE20 homolog, yeast)	2.11
ILMN_28730	similar to protein kinase, DNA-activated, catalytic polypeptide; protein kinase, DNA-activated, catalytic polypeptide	2.39
ILMN_11307	sortilin 1	-2.03
ILMN_4882	thrombospondin 1	2.33
ILMN_7641	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	3.48
ILMN_5708	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	2.80
Cell Cycle Process		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_17286	LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase	2.58
ILMN_19136	RAN, member RAS oncogene family	-2.69
ILMN_23272	amyloid beta (A4) precursor protein	2.19
ILMN_3062	cyclin-dependent kinase 6	-2.36
ILMN_2684, ILMN_30355	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	-2.52
ILMN_20121	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	-3.06
ILMN_15615	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	2.23
ILMN_17131	epiregulin	-2.63
ILMN_2247	interleukin 8	-4.35
ILMN_3286	microtubule-actin crosslinking factor 1	-2.12
ILMN_25768	mutS homolog 6 (E. coli)	2.08
ILMN_19658	ras homolog gene family, member U	-3.21
ILMN_7290	sestrin 2	-2.07
ILMN_4882	thrombospondin 1	2.33

Regulation of Cell Adhesion		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_22634	CD47 molecule	2.13
ILMN_9982	FXD domain containing ion transport regulator 5	2.63
ILMN_9074	Rho GDP dissociation inhibitor (GDI) beta	5.15
ILMN_10011	SMAD family member 7	-2.23
ILMN_3062	cyclin-dependent kinase 6	-2.36
ILMN_2684, ILMN_30355	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	-2.52
ILMN_20248	dipeptidyl-peptidase 4	2.94
ILMN_12662	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-4.25
ILMN_2247	interleukin 8	-4.35
ILMN_4021	laminin, alpha 4	-2.48
ILMN_5923	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	2.62
ILMN_4882	thrombospondin 1	2.33
ILMN_7641	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	3.48
Regulation of Gland Development		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_13615	E74-like factor 3 (ets domain transcription factor, epithelial-specific)	2.80
ILMN_25111	aldehyde dehydrogenase 1 family, member A3	3.82
ILMN_27187	bone morphogenetic protein 4	-3.20
ILMN_1624	caveolin 1, caveolae protein, 22kDa	3.05
ILMN_5108	caveolin 2	2.86
ILMN_15615	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	2.23
ILMN_23624	forkhead box C1	-3.12
ILMN_18432	insulin receptor substrate 1	-2.23
ILMN_14503	insulin receptor substrate 2	2.33
ILMN_12662	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-4.25
ILMN_27588	pre-B-cell leukemia homeobox 1	2.33
ILMN_21728	wingless-type MMTV integration site family, member 3A	-2.25
Response to Hypoxia		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_25542,		
ILMN_10855	ATPase, Na⁺/K⁺ transporting, beta 1 polypeptide	3.25
ILMN_20440	angiopoietin-like 4	-2.05
ILMN_1624	caveolin 1, caveolae protein, 22kDa	3.05
ILMN_20248	dipeptidyl-peptidase 4	2.94
ILMN_12662	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-4.25
ILMN_28405	nuclear receptor subfamily 4, group A, member 2	-2.58
ILMN_1289	plasminogen activator, tissue	-6.39
ILMN_24167	plasminogen activator, urokinase	2.11
ILMN_4882	thrombospondin 1	2.33

Regulation of Cytoskeleton Organization		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_6603	LIM domain and actin binding 1	2.18
ILMN_1624	caveolin 1, caveolae protein, 22kDa	3.05
ILMN_5108	caveolin 2	2.86
ILMN_3286	microtubule-actin crosslinking factor 1	-2.12
ILMN_28251, ILMN_9993	microtubule-associated protein 1B	3.00
ILMN_12193	thymosin beta 15a; thymosin beta 15B	2.04
Positive regulation of Immune System Process		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_22634	CD47 molecule	2.13
ILMN_17131	epiregulin	-2.63
ILMN_12662	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-4.25
ILMN_29874	killer cell lectin-like receptor subfamily K, member 1	-2.02
ILMN_4882	thrombospondin 1	2.33
Regulation of Angiogenesis		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_18802	angiopoietin 2	-40.43
ILMN_20440	angiopoietin-like 4	-2.05
ILMN_4882	thrombospondin 1	2.33
ILMN_25430	tryptophanyl-tRNA synthetase	-4.74
Regulation of Exocytosis		
Genbank Accession no.	Protein Name	Ave Fold Δ
ILMN_29025	RAB3B, member RAS oncogene family	-2.52
ILMN_14093	synaptotagmin I	-2.40
ILMN_29216	transient receptor potential cation channel, subfamily V, member 6	-3.17