Supp Fig 1 Categorization of the genes regulated in the adult but not the neonate dorsal horn following peripheral nerve injury by 'Function and Disease' within the Ingenuity Pathway Analysis (IPA) software system. Bars represent the LOD value (-log (p-value)) of the likelihood of an association between the Function and Disease gene groups with the genes in the Ad0.05/Ne0.9 list (right-tailed Fisher's Exact Test); Only functional categories with LOD scores of above 10 shown. Immune related gene groups marked.

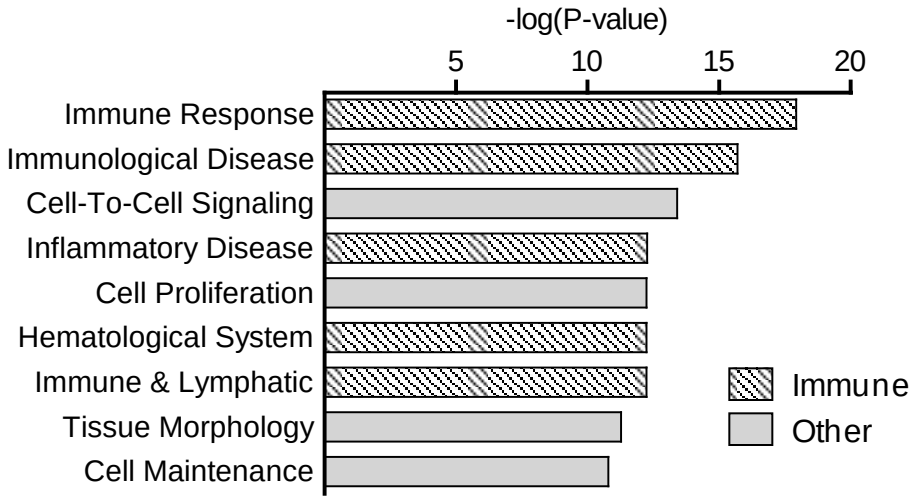
Supp Fig 2 **A**; Mechanical sensitivity as assayed by von Frey stimulation does not vary when assayed on the ipsilateral hindpaw relative to the contralateral paw of the same animal as a function of time subsequent to SNI injury in T cell deficient Nude mice. **B**; Mechanical sensitivity (von Frey) is significantly reduced on the ipsilateral hindpaw relative to the contralateral paw of the same animal over time subsequent to SNI injury in B cell deficient mice. All data are mean ± SEM, one-way ANOVA, Students t-test *P < 0.05, n=6 animals per group.

Supp Fig 3 CD4 (**A**) and CD8 (**B**) expression in the dorsal horn of the spinal cord of neonatal and adult rats over time post SNI relative to age matched controls and uninjured animals respectively, detected by Q-PCR. Data are expressed as mean fold ±SEM, one-way ANOVA, *P < 0.05 Student's t-test, n=4 per group.

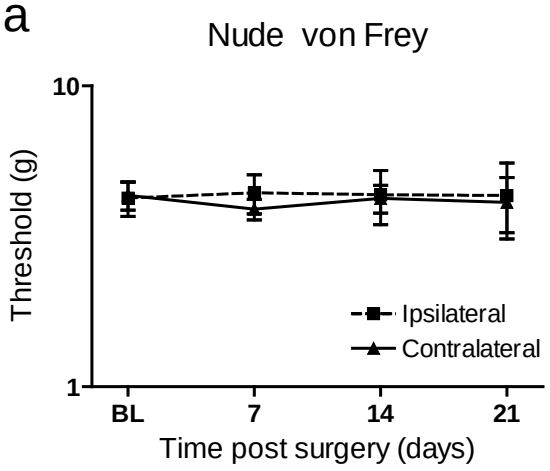
Supp Table 1 Genes identified by microarray analysis to be regulated in the neonatal dorsal horn 7 days post SNI relative to age match control sham animals.

Supp Table 2 Genes identified by microarray analysis to be regulated in the adult dorsal horn 7 days post SNI relative to sham control animals.

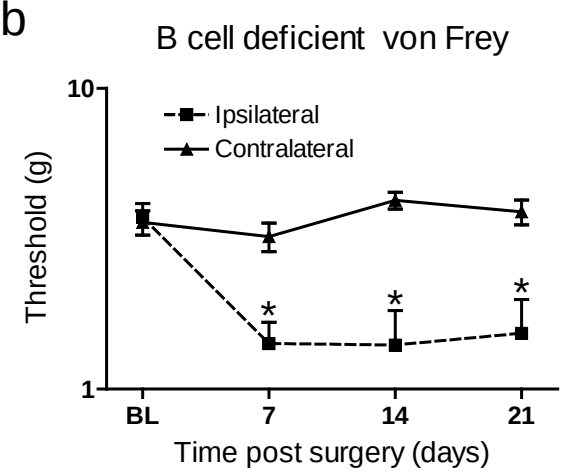
Supp Table 3 Genes identified by microarray analysis to be regulated in the adult dorsal horn 7 days post SNI ($p<0.05$) but showed minimal statistical evidence of regulation in the neonate ($p>0.9$); the Ad0.05Ne0.9 list.

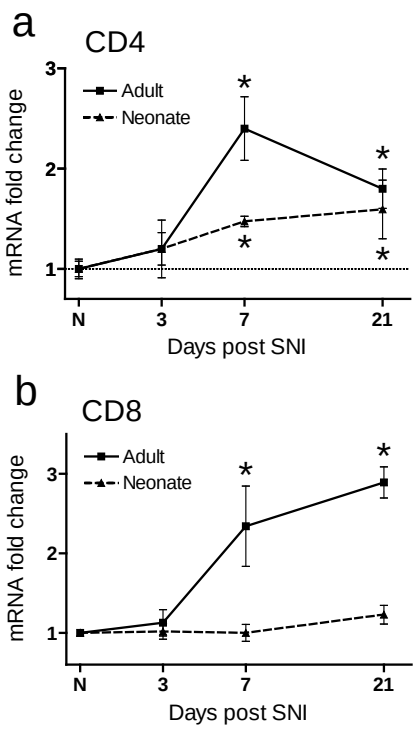

-log(P-value)
5
10
15
20
Immune Response
Immunological Disease
Cell-To-Cell Signaling
Inflammatory Disease
Cell Proliferation
Hematological System
Immune & Lymphatic
Tissue Morphology
Cell Maintenance
Immune
Other

a


Nude von Frey
10
1
Threshold (g)
Ipsilateral
Contralateral
BL
7
14
21
Time post surgery (days)

b


B cell deficient von Frey
10
1
Threshold (g)
Ipsilateral
Contralateral
*
*
*
BL
7
14
21
Time post surgery (days)


a
CD4
Adult
Neonate
mRNA fold change
3
2
1
N
3
7
21
Days post SNI
*
*
*
*
b
CD8
Adult
Neonate
mRNA fold change
3
2
1
N
3
7
21
Days post SNI
*
*

Fold Change	False Discovery Rate (q-value)	ID	Notes	Molecules	Description
1.222	0.002	1368558_s_at		AIF1	allograft inflammatory factor 1
0.973	0.001	1367974_at		ANXA3	annexin A3
1.882	0	1376652_at		C1QA	complement component 1, q subcomponent, A chain
2.132	0.002	1370215_at		C1QB	complement component 1, q subcomponent, B chain
2.2	0.001	1373025_at		C1QC	complement component 1, q subcomponent, C chain
3.042	0	1368000_at		C3	complement component 3
1.44	0.04	1370892_at		C4A	complement component 4A (Rodgers blood group)
1.26	0.031	1369290_at		CCR5	chemokine (C-C motif) receptor 5
0.973	0.002	1368518_at		CD53	CD53 molecule
2.322	0.018	1367679_at		CD74	CD74 molecule, major histocompatibility complex, class II invariant chain
0.987	0.004	1388784_at		CSF1R	colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog
1.438	0.016	1370885_at		CTSZ (includes EG:252929)	cathepsin Z
1.211	0.002	1398246_s_at		FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)
1.094	0.008	1370428_x_at		HLA-G	major histocompatibility complex, class I, G
0.853	0.042	1368006_at		LAPTM5	lysosomal associated multispanning membrane protein 5
1.192	0.002	1367850_at		LOC498276	Fc gamma receptor II beta
1.084	0.023	1373575_at		LOC498279	similar to NADH dehydrogenase (ubiquinone) Fe-S protein 2
2.234	0.002	1371447_at		PLAC8	placenta-specific 8
0.625	0.02	1375211_at		RNASET2	ribonuclease T2
0.978	0	1373204_at		TMEM176A	transmembrane protein 176A
0.773	0.006	1368840_at		TMEM176B	transmembrane protein 176B
1.035	0.005	1374730_at		TYROBP	TYRO protein tyrosine kinase binding protein
1.124	0.019	1389006_at			

Fold Change	False Discovery Rate (q-value)	ID	Notes	Molecules	Description
0.924	0.002	1390383_at		ADFP	adipose differentiation-related protein
0.167	0.001	1369272_at		ADORA3	adenosine A3 receptor
2.135	0	1368558_s_at		AIF1	allograft inflammatory factor 1
2.418	0	1367975_at	D	ANXA3	annexin A3
1.759	0	1367974_at	D	ANXA3	annexin A3
1.23	0	1377239_at		APBB1IP	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein
-0.448	0.022	1389651_at		APLN	apelin, AGTRL1 ligand
1.007	0	1368270_at		APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1
0.861	0.002	1388940_at		ARHGAP25	Rho GTPase activating protein 25
1.404	0.001	1373881_at		ARHGDIB	Rho GDP dissociation inhibitor (GDI) beta
1.536	0.003	1386925_at		ARPC1B	actin related protein 2/3 complex, subunit 1B, 41kDa
2.243	0.014	1369268_at		ATF3	activating transcription factor 3
0.315	0.005	1374831_at		ATHL1	ATH1, acid trehalase-like 1 (yeast)
0.841	0.001	1398347_at		AXL	AXL receptor tyrosine kinase
1.482	0	1374367_at		AY616753	cDNA sequence, AY616753
0.405	0.03	1367595_s_at		B2M	beta-2-microglobulin
1.558	0	1390287_at	D	BIN2	bridging integrator 2
0.587	0.011	1376356_a_at	D	BIN2	bridging integrator 2
-0.246	0.041	1374192_at		BSN	bassoon (presynaptic cytomatrix protein)
0.419	0.022	1367657_at		BTG1	B-cell translocation gene 1, anti-proliferative
2.658	0	1376652_at		C1QA	complement component 1, q subcomponent, A chain
3.156	0	1370215_at		C1QB	complement component 1, q subcomponent, B chain
3.644	0	1373025_at		C1QC	complement component 1, q subcomponent, C chain
3.152	0	1368000_at		C3	complement component 3
3.344	0	1370892_at		C4A	complement component 4A (Rodgers blood group)
0.165	0.046	1389054_at		C4ORF19	chromosome 4 open reading frame 19
0.485	0.009	1390144_at		C9ORF72	chromosome 9 open reading frame 72
0.678	0	1368637_at		CARD9	caspase recruitment domain family, member 9
1.67	0.049	1367973_at		CCL13	chemokine (C-C motif) ligand 13
1.538	0.001	1369290_at		CCR5	chemokine (C-C motif) receptor 5
1.829	0	1368555_at		CD37	CD37 molecule
1.564	0	1369483_at		CD4	CD4 molecule
2.075	0	1368518_at		CD53	CD53 molecule
2.837	0	1375010_at		CD68	CD68 molecule
0.607	0.011	1374544_at		CDH23	cadherin-like 23

1.289	0.008	1387029_at		CFH	complement factor H
0.722	0.004	1374537_at		CHSY1	carbohydrate (chondroitin) synthase 1
2.866	0	1389553_at		CLEC4A3	C-type lectin domain family 4, member a3
0.929	0	1375633_at		CLIC1	chloride intracellular channel 1
0.43	0.049	1372478_at		CMTM7	CKLF-like MARVEL transmembrane domain containing 7
0.666	0.011	1374731_at		COIL	coilin
0.916	0	1369964_at		CORO1A	coronin, actin binding protein, 1A
2.085	0	1368418_a_at	D	CP	ceruloplasmin (ferroxidase)
1.066	0.035	1368420_at	D	CP	ceruloplasmin (ferroxidase)
0.513	0.01	1368419_at	D	CP	ceruloplasmin (ferroxidase)
0.339	0.023	1375428_at		CREG1	cellular repressor of E1A-stimulated genes 1
1.68	0	1388784_at		CSF1R	colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog
0.586	0.007	1368280_at		CTSC	cathepsin C
1.15	0	1386899_at		CTSH	cathepsin H
0.911	0	1387005_at		CTSS	cathepsin S
2.191	0	1370885_at		CTSZ (includes EG:252929)	cathepsin Z
1.627	0.048	1369527_at		CX3CR1	chemokine (C-X3-C motif) receptor 1
5.152	0	1398390_at		CXCL13	chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant)
0.923	0.001	1372064_at		CXCL16	chemokine (C-X-C motif) ligand 16
1.318	0	1370219_at		CYBA	cytochrome b-245, alpha polypeptide
0.724	0.005	1369181_at		CYBB	cytochrome b-245, beta polypeptide (chronic granulomatous disease)
0.681	0.02	1387024_at		DUSP6	dual specificity phosphatase 6
0.611	0.033	1390285_at		EFCAB4A	EF-hand calcium binding domain 4A
0.536	0.023	1375739_at		EHD4	EH-domain containing 4
1.109	0.001	1398246_s_at		FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)
3.082	0	1371079_at		FCGR2B	Fc fragment of IgG, low affinity IIb, receptor (CD32)
3.629	0	1373523_at		FCGR3A	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)
0.626	0.003	1388740_at		FERMT3	fermitin family homolog 3 (Drosophila)
0.278	0.038	1390374_at		FGFRL1	fibroblast growth factor receptor-like 1
0.548	0.001	1368207_at		FXYD5	FXYD domain containing ion transport regulator 5
1.554	0	1368332_at		GBP2	guanylate binding protein 2, interferon-inducible
0.525	0.02	1372050_at		GLT25D1	glycosyltransferase 25 domain containing 1
0.863	0.003	1373490_at		GMFG	glia maturation factor, gamma
0.552	0.004	1371894_at		GNS	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID)
1.2	0	1390050_at		GOLPH2 PREDICTED	golgi phosphoprotein 2 (predicted)
0.983	0	1373754_at		GOLPH2 PREDICTED	golgi phosphoprotein 2 (predicted)
1.743	0	1368187_at		GPNMB	glycoprotein (transmembrane) nmb

1.505	0	1386893_at		GRN	granulin
0.348	0.001	1388255_x_at		H2-BL	histocompatibility 2, blastocyst
0.547	0.045	1369204_at		HCK	hemopoietic cell kinase
0.742	0.004	1372706_at		HEXB	hexosaminidase B (beta polypeptide)
1.553	0	1383519_at		HK2	hexokinase 2
1.344	0.001	1370904_at		HLA-DMA	major histocompatibility complex, class II, DM alpha
1.362	0	1370882_at		HLA-DMB	major histocompatibility complex, class II, DM beta
0.963	0.009	1388213_a_at		HLA-E	major histocompatibility complex, class I, E
1.518	0	1370428_x_at	D	HLA-G	major histocompatibility complex, class I, G
0.883	0.004	1369110_x_at	D	HLA-G	major histocompatibility complex, class I, G
0.341	0.008	1371336_at		HN1	hematological and neurological expressed 1
1.158	0.002	1387202_at		ICAM1	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor
0.824	0.011	1374558_at		ICOSLG	inducible T-cell co-stimulator ligand
1.561	0	1372070_at		IFI30	interferon, gamma-inducible protein 30
1.275	0	1369956_at		IFNGR1	interferon gamma receptor 1
0.602	0.022	1374601_at	D	IFNGR2	interferon gamma receptor 2 (interferon gamma transducer 1)
0.339	0.004	1375716_at	D	IFNGR2	interferon gamma receptor 2 (interferon gamma transducer 1)
0.632	0.03	1388711_at		IL13RA1	interleukin 13 receptor, alpha 1
0.877	0.021	1373611_at		IL17RA	interleukin 17 receptor A
1.648	0	1369665_a_at		IL18	interleukin 18 (interferon-gamma-inducing factor)
1.017	0.002	1387198_at		INPP5D	inositol polyphosphate-5-phosphatase, 145kDa
0.549	0.047	1368073_at		IRF1	interferon regulatory factor 1
2.589	0	1372097_at		IRF8	interferon regulatory factor 8
0.423	0.028	1388046_at		ITGAM	integrin, alpha M (complement component 3 receptor 3 subunit)
0.873	0.022	1392785_at		KCTD12	potassium channel tetramerisation domain containing 12
0.746	0	1373262_at		KIAA1949	KIAA1949
1.348	0	1377153_a_at		KLHL6	kelch-like 6 (Drosophila)
0.614	0.012	1367683_at		KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)
1.561	0	1368006_at		LAPTM5	lysosomal associated multispanning membrane protein 5
1.272	0.005	1389210_at		LCP1	lymphocyte cytosolic protein 1 (L-plastin)
1.034	0	1370090_at	D	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
0.886	0	1390797_at	D	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
1.551	0	1387946_at		LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein
0.57	0.002	1368430_at		LGMN	legumain
0.636	0.006	1389885_at		LIMD2	LIM domain containing 2
0.33	0.011	1389017_at		LOC305633	similar to Antxr2 protein
1.069	0.001	1367850_at		LOC498276	Fc gamma receptor II beta
1.865	0	1373575_at		LOC498279	similar to NADH dehydrogenase (ubiquinone) Fe-S protein 2

0.415	0.006	1374626_at		LRG1	leucine-rich alpha-2-glycoprotein 1
2.572	0	1393280_at		LY86	lymphocyte antigen 86
1.104	0	1368679_a_at		LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog
1.002	0.018	1370154_at		LYZ	lysozyme (renal amyloidosis)
0.952	0.001	1388699_at		MAN2B1	mannosidase, alpha, class 2B, member 1
0.527	0.025	1372546_at		MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3
0.813	0.007	1373410_at		MEF2C	myocyte enhancer factor 2C
0.494	0.003	1371998_at		MOBKL1B	MOB1, Mps One Binder kinase activator-like 1B (yeast)
2.325	0	1369427_at		MPEG1	macrophage expressed gene 1
1.606	0.002	1371015_at		MX2	myxovirus (influenza virus) resistance 2 (mouse)
0.485	0.008	1374468_at		MYD88	myeloid differentiation primary response gene (88)
0.865	0.024	1389474_at		MYLIP	myosin regulatory light chain interacting protein
0.719	0.006	1387413_at		NCF1C	neutrophil cytosolic factor 1C pseudogene
0.555	0.003	1374565_at		NEK6	NIMA (never in mitosis gene a)-related kinase 6
0.467	0.046	1367826_at		NFE2L2	nuclear factor (erythroid-derived 2)-like 2
0.566	0.004	1370968_at		NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)
0.859	0	1398892_at		NPC2	Niemann-Pick disease, type C2
1.106	0.029	1373577_at		NRP1	neuropilin 1
1.049	0.009	1369200_at		NT5E	5'-nucleotidase, ecto (CD73)
0.679	0.032	1388425_at		OAF	OAF homolog (Drosophila)
0.541	0.012	1370449_at		P2RY14	purinergic receptor P2Y, G-protein coupled, 14
1.087	0.002	1368754_at		P2RY6	pyrimidinergic receptor P2Y, G-protein coupled, 6
1.016	0	1372034_at		PARP14	poly (ADP-ribose) polymerase family, member 14
1.499	0	1376144_at		PARP9	poly (ADP-ribose) polymerase family, member 9
0.554	0.04	1387153_at		PDLIM4	PDZ and LIM domain 4
0.75	0.003	1386913_at		PDPN	podoplanin
1.166	0	1387566_at		PLA2G4A	phospholipase A2, group IVA (cytosolic, calcium-dependent)
4.422	0	1371447_at		PLAC8	placenta-specific 8
1.57	0	1390687_at		PLEK	pleckstrin
0.557	0.001	1387114_at		PRKCD	protein kinase C, delta
0.752	0.001	1371037_at		PROS1	protein S (alpha)
2.214	0	1367786_at		PSMB8	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)
0.832	0.001	1367663_at		PSME1	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)
0.575	0.011	1368645_at		PTPN1	protein tyrosine phosphatase, non-receptor type 1
1.177	0	1373065_at		PTPN18	protein tyrosine phosphatase, non-receptor type 18 (brain-derived)
1.297	0	1368010_at		PTPN6	protein tyrosine phosphatase, non-receptor type 6
1.732	0	1390798_at	D	PTPRC	protein tyrosine phosphatase, receptor type, C
1.441	0.001	1370603_a_at	D	PTPRC	protein tyrosine phosphatase, receptor type, C
1.367	0	1389873_at		PYCARD	PYD and CARD domain containing

0.601	0.041	1368674_at	PYGL	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI)
1.757	0	1372404_at	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
0.368	0.007	1387806_at	RAP1B	RAP1B, member of RAS oncogene family
0.266	0	1374165_at	RASA4	RAS p21 protein activator 4
3.644	0.018	1368238_at	REG3A	regenerating islet-derived 3 alpha
1.695	0.005	1390226_at	RGD1562552 PREDICTED	similar to hypothetical protein LOC340061 (predicted)
1.395	0.001	1372585_at	RGD1566254 PREDICTED	RGD1566254 (predicted)
0.612	0.001	1390707_at	RGS10	regulator of G-protein signaling 10
0.483	0.003	1387074_at	RGS2	regulator of G-protein signaling 2, 24kDa
1.21	0	1375211_at	RNASET2	ribonuclease T2
0.265	0.047	1371308_at	RPS4X	ribosomal protein S4, X-linked
1.254	0	1389408_at	RRM2	ribonucleotide reductase M2 polypeptide
0.753	0.001	1371090_at	SCAMP2	secretory carrier membrane protein 2
2.331	0	1377034_at	SERPINB1	serpin peptidase inhibitor, clade B (ovalbumin), member 1
0.696	0.002	1367723_a_at	SH2B3	SH2B adaptor protein 3
0.376	0.012	1367881_at	SIRPA	signal-regulatory protein alpha
0.979	0	1369979_at	SKAP2	src kinase associated phosphoprotein 2
1.412	0	1379766_at	SLA	Src-like-adaptor
0.284	0.028	1387808_at	SLC7A7	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7
1.135	0	1368296_at D	SLCO2B1	solute carrier organic anion transporter family, member 2B1
1.12	0	1368295_at D	SLCO2B1	solute carrier organic anion transporter family, member 2B1
0.57	0.011	1374976_a_at	SOAT1	sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1
1.224	0.001	1372930_at	SP110	SP110 nuclear body protein
0.519	0	1373612_at	SSH2	slingshot homolog 2 (Drosophila)
0.676	0.039	1387354_at D	STAT1	signal transducer and activator of transcription 1, 91kDa
0.444	0.033	1368835_at D	STAT1	signal transducer and activator of transcription 1, 91kDa
0.612	0.009	1367936_at	STK10	serine/threonine kinase 10
0.464	0.035	1369554_at	SYNGR2	synaptogyrin 2
0.762	0.001	1368012_at	TEP1	telomerase-associated protein 1
0.854	0.003	1370082_at	TGFB1	transforming growth factor, beta 1
0.873	0.004	1376636_at	TGFBR1	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa)
1.242	0	1367712_at	TIMP1	TIMP metallopeptidase inhibitor 1
1.755	0	1373204_at	TMEM176A	transmembrane protein 176A
1.331	0	1368840_at	TMEM176B	transmembrane protein 176B
0.922	0.008	1367715_at	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A
-1.4	0.028	1372195_at	TNNC2	troponin C type 2 (fast)
0.962	0	1371239_s_at	TPM3	tropomyosin 3
0.325	0.014	1371688_at	TRAM1	translocation associated membrane protein 1

1.198	0.002	1368052_at		TSPAN8	tetraspanin 8
2.379	0	1370249_at		TSPO	translocator protein (18kDa)
1.548	0	1374730_at		TYROBP	TYRO protein tyrosine kinase binding protein
1.03	0.007	1368669_at		UCP2	uncoupling protein 2 (mitochondrial, proton carrier)
1.004	0.002	1387759_s_at	D	UGT1A6	UDP glucuronosyltransferase 1 family, polypeptide A6
0.619	0	1370613_s_at	D	UGT1A6	UDP glucuronosyltransferase 1 family, polypeptide A6
0.684	0.002	1372459_at		VASP	vasodilator-stimulated phosphoprotein
1.243	0	1369387_at		VAV1	vav 1 guanine nucleotide exchange factor
0.545	0.024	1368359_a_at		VGF	VGF nerve growth factor inducible
0.474	0.007	1389512_at		XIRP1	xin actin-binding repeat containing 1
0.799	0.004	1369959_at		ZFP36L1	zinc finger protein 36, C3H type-like 1
0.866	0.001	1373106_at		ZFP36L2	zinc finger protein 36, C3H type-like 2
1.97	0	1389006_at			
1.923	0	1373785_at			
1.681	0.011	1374429_at			
1.292	0	1373932_at			
1.122	0	1373818_at			
1.085	0.006	1380822_at			
1.017	0.002	1384191_at			
0.987	0.011	1389617_at			
0.896	0	1377198_at			
0.894	0	1376151_a_at			
0.814	0.017	1373252_at			
0.79	0	1373062_at			
0.732	0	1389742_at			
0.72	0.023	1373233_at			
0.696	0.009	1377092_at			
0.677	0.011	1388887_at			
0.626	0	1372332_at			
0.626	0.011	1382680_at			
0.592	0.017	1398369_at			
0.415	0.008	1371821_at			
0.415	0.04	1375523_at			
0.302	0.007	1373225_at			
-0.268	0.007	1398462_at			
-0.625	0.001	1398462_at			

Log Ratio	False Discovery Rate (q-value)	ID	Notes	Molecules	Description
0.924	0.002	298199	D	ADFP	adipose differentiation-related protein
0.626	0.011	298199	D	ADFP	adipose differentiation-related protein
0.167	0.001	25370		ADORA3	adenosine A3 receptor
1.23	0	307171		APBB1IP	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein
1.007	0	25383		APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1
0.861	0.002	500246		ARHGAP25	Rho GTPase activating protein 25
1.404	0.001	362456		ARHGDIB	Rho GDP dissociation inhibitor (GDI) beta
1.536	0.003	54227		ARPC1B	actin related protein 2/3 complex, subunit 1B, 41kDa
2.243	0.014	25389		ATF3	activating transcription factor 3
0.315	0.005	309103		ATHL1	ATH1, acid trehalase-like 1 (yeast)
0.841	0.001	308444		AXL	AXL receptor tyrosine kinase
1.482	0	498355		AY616753	cDNA sequence, AY616753
0.405	0.03	24223		B2M	beta-2-microglobulin
1.558	0	366988	D	BIN2	bridging integrator 2
0.587	0.011	366988	D	BIN2	bridging integrator 2
-0.246	0.041	29138		BSN	bassoon (presynaptic cytomatrix protein)
0.419	0.022	29618		BTG1	B-cell translocation gene 1, anti-proliferative
0.165	0.046	498368		C4ORF19	chromosome 4 open reading frame 19
0.485	0.009	313155		C9ORF72	chromosome 9 open reading frame 72
0.678	0	64171		CARD9	caspase recruitment domain family, member 9
1.67	0.049	24770		CCL13	chemokine (C-C motif) ligand 13
1.829	0	29185		CD37	CD37 molecule
1.564	0	24932		CD4	CD4 molecule
2.837	0	287435		CD68	CD68 molecule
1.017	0.002	288093		CDGAP	Cdc42 GTPase-activating protein
1.289	0.008	155012		CFH	complement factor H
0.722	0.004	292999		CHSY1	carbohydrate (chondroitin) synthase 1
0.43	0.049	501065		CMTM7	CKLF-like MARVEL transmembrane domain containing 7
0.666	0.011	50998		COIL	coilin
0.916	0	155151		CORO1A	coronin, actin binding protein, 1A
2.085	0	24268	D	CP	ceruloplasmin (ferroxidase)
1.066	0.035	24268	D	CP	ceruloplasmin (ferroxidase)
0.513	0.01	24268	D	CP	ceruloplasmin (ferroxidase)
0.339	0.023	289185		CREG1	cellular repressor of E1A-stimulated genes 1
0.586	0.007	25423		CTSC	cathepsin C
1.627	0.048	171056		CX3CR1	chemokine (C-X3-C motif) receptor 1

5.152	0	498335	CXCL13	chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant)
0.923	0.001	497942	CXCL16	chemokine (C-X-C motif) ligand 16
1.318	0	79129	CYBA	cytochrome b-245, alpha polypeptide
0.724	0.005	66021	CYBB	cytochrome b-245, beta polypeptide (chronic granulomatous disease)
0.681	0.02	116663	DUSP6	dual specificity phosphatase 6
0.611	0.033	309112	EFCAB4A	EF-hand calcium binding domain 4A
0.536	0.023	192204	EHD4	EH-domain containing 4
0.987	0.011	362871	ELK3	ELK3, ETS-domain protein (SRF accessory protein 2)
0.626	0.003	309186	FERMT3	fermitin family homolog 3 (Drosophila)
0.278	0.038	360903	FGFRL1	fibroblast growth factor receptor-like 1
0.894	0	500943	FLJ32810	hypothetical protein FLJ32810
1.554	0	171164	GBP2	guanylate binding protein 2, interferon-inducible
0.525	0.02	290637	GLT25D1	glycosyltransferase 25 domain containing 1
0.863	0.003	113940	GMFG	glia maturation factor, gamma
0.552	0.004	299825	GNS	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID)
1.743	0	113955	GPNMB	glycoprotein (transmembrane) nmb
1.505	0	29143	GRN	granulin
0.348	0.001	309607	H2-BL	histocompatibility 2, blastocyst
0.547	0.045	25734	HCK	hemopoietic cell kinase
0.742	0.004	294673	HEXB	hexosaminidase B (beta polypeptide)
1.344	0.001	294274	HLA-DMA	major histocompatibility complex, class II, DM alpha
1.362	0	294273	HLA-DMB	major histocompatibility complex, class II, DM beta
0.963	0.009	294228	HLA-E	major histocompatibility complex, class I, E
0.341	0.008	287828	HN1	hematological and neurological expressed 1
1.158	0.002	25464	ICAM1	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor
0.824	0.011	499415	ICOSLG	inducible T-cell co-stimulator ligand
0.602	0.022	360697D	IFNGR2	interferon gamma receptor 2 (interferon gamma transducer 1)
0.339	0.004	360697D	IFNGR2	interferon gamma receptor 2 (interferon gamma transducer 1)
0.632	0.03	252963	IL13RA1	interleukin 13 receptor, alpha 1
0.877	0.021	312679	IL17RA	interleukin 17 receptor A
1.648	0	29197	IL18	interleukin 18 (interferon-gamma-inducing factor)
1.017	0.002	54259	INPP5D	inositol polyphosphate-5-phosphatase, 145kDa
0.549	0.047	24508	IRF1	interferon regulatory factor 1
2.589	0	292060	IRF8	interferon regulatory factor 8
0.423	0.028	25021	ITGAM	integrin, alpha M (complement component 3 receptor 3 subunit)
0.873	0.022	364458	KCTD12	potassium channel tetramerisation domain containing 12
0.746	0	361790	KIAA1949	KIAA1949
1.348	0	287974	KLHL6	kelch-like 6 (Drosophila)
0.614	0.012	85245	KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)
1.272	0.005	306071	LCP1	lymphocyte cytosolic protein 1 (L-plastin)

1.034	0	155918_D	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
0.886	0	155918_D	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)
1.551	0	245955	LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein
0.57	0.002	63865	LGMN	legumain
0.72	0.023	294643	LHFPL2	lipoma HMGIC fusion partner-like 2
0.415	0.04	294446	LOC294446	similar to Myristoylated alanine-rich C-kinase substrate (MARCKS) (ACAMP-81)
0.33	0.011	305633	LOC305633	similar to Antxr2 protein
0.415	0.006	367455	LRG1	leucine-rich alpha-2-glycoprotein 1
2.572	0	291359	LY86	lymphocyte antigen 86
0.952	0.001	361378	MAN2B1	mannosidase, alpha, class 2B, member 1
0.527	0.025	315994	MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3
0.813	0.007	499497	MEF2C	myocyte enhancer factor 2C
0.494	0.003	297387	MOBKL1B	MOB1, Mps One Binder kinase activator-like 1B (yeast)
1.606	0.002	24575	MX2	myxovirus (influenza virus) resistance 2 (mouse)
0.485	0.008	301059	MYD88	myeloid differentiation primary response gene (88)
0.865	0.024	306825	MYLIP	myosin regulatory light chain interacting protein
0.719	0.006	114553	NCF1C	neutrophil cytosolic factor 1C pseudogene
0.467	0.046	83619	NFE2L2	nuclear factor (erythroid-derived 2)-like 2
0.566	0.004	81736	NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)
0.859	0	286898	NPC2	Niemann-Pick disease, type C2
0.548	0.001	60338	NR2F6	nuclear receptor subfamily 2, group F, member 6
1.106	0.029	246331	NRP1	neuropilin 1
1.049	0.009	58813	NT5E	5'-nucleotidase, ecto (CD73)
0.679	0.032	315594	OAF	OAF homolog (Drosophila)
0.541	0.012	171108	P2RY14	purinergic receptor P2Y, G-protein coupled, 14
1.087	0.002	117264	P2RY6	pyrimidinergic receptor P2Y, G-protein coupled, 6
1.016	0	303903	PARP14	poly (ADP-ribose) polymerase family, member 14
1.499	0	303905	PARP9	poly (ADP-ribose) polymerase family, member 9
0.554	0.04	24915	PDLIM4	PDZ and LIM domain 4
1.166	0	24653	PLA2G4A	phospholipase A2, group IVA (cytosolic, calcium-dependent)
1.57	0	364206	PLEK	pleckstrin
0.557	0.001	170538	PRKCD	protein kinase C, delta
0.752	0.001	81750	PROS1	protein S (alpha)
2.214	0	24968	PSMB8	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)
0.832	0.001	29630	PSME1	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)
0.575	0.011	24697	PTPN1	protein tyrosine phosphatase, non-receptor type 1
1.297	0	116689	PTPN6	protein tyrosine phosphatase, non-receptor type 6
1.732	0	24699_D	PTPRC	protein tyrosine phosphatase, receptor type, C
1.441	0.001	24699_D	PTPRC	protein tyrosine phosphatase, receptor type, C

1.367	0	282817	PYCARD	PYD and CARD domain containing
0.601	0.041	64035	PYGL	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI)
1.757	0	366957	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
0.368	0.007	171337	RAP1B	RAP1B, member of RAS oncogene family
0.266	0	288589	RASA4	RAS p21 protein activator 4
3.644	0.018	24618	REG3A	regenerating islet-derived 3 alpha
1.695	0.005	498840	RGD1562552 PREDICTED	similar to hypothetical protein LOC340061 (predicted)
0.612	0.001	54290	RGS10	regulator of G-protein signaling 10
0.483	0.003	84583	RGS2	regulator of G-protein signaling 2, 24kDa
0.265	0.047	29426	RPS4X	ribosomal protein S4, X-linked
1.254	0	362720	RRM2	ribonucleotide reductase M2 polypeptide
0.753	0.001	65168	SCAMP2	secretory carrier membrane protein 2
2.331	0	291091	SERPINB1	serpin peptidase inhibitor, clade B (ovalbumin), member 1
0.696	0.002	58838	SH2B3	SH2B adaptor protein 3
0.376	0.012	25528	SIRPA	signal-regulatory protein alpha
1.412	0	338477	SLA	Src-like-adaptor
0.284	0.028	83509	SLC7A7	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7
1.135	0	140860	SLCO2B1	solute carrier organic anion transporter family, member 2B1
0.57	0.011	81782	SOAT1	sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1
1.224	0.001	301570	SP110	SP110 nuclear body protein
0.676	0.039	25124 D	STAT1	signal transducer and activator of transcription 1, 91kDa
0.444	0.033	25124 D	STAT1	signal transducer and activator of transcription 1, 91kDa
0.555	0.003	360161	STC1	stanniocalcin 1
0.612	0.009	29398	STK10	serine/threonine kinase 10
0.464	0.035	89815	SYNGR2	synaptogyrin 2
0.762	0.001	64523	TEP1	telomerase-associated protein 1
0.854	0.003	59086	TGFB1	transforming growth factor, beta 1
0.873	0.004	29591	TGFBR1	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa)
0.922	0.008	25625	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A
-1.4	0.028	296369	TNNC2	troponin C type 2 (fast)
0.962	0	117557	TPM3	tropomyosin 3
0.325	0.014	312903	TRAM1	translocation associated membrane protein 1
1.198	0.002	171048	TSPAN8	tetraspanin 8
2.379	0	24230	TSPO	translocator protein (18kDa)
1.03	0.007	54315	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)
1.004	0.002	113992 D	UGT1A6	UDP glucuronosyltransferase 1 family, polypeptide A6
0.619	0	113992 D	UGT1A6	UDP glucuronosyltransferase 1 family, polypeptide A6
0.684	0.002	361517	VASP	vasodilator-stimulated phosphoprotein
1.243	0	25156	VAV1	vav 1 guanine nucleotide exchange factor

0.545	0.024	29461	VGF	VGF nerve growth factor inducible
0.799	0.004	29344	ZFP36L1	zinc finger protein 36, C3H type-like 1
0.866	0.001	298765	ZFP36L2	zinc finger protein 36, C3H type-like 2
0.415	0.008	---		
0.79	0	---		
0.302	0.007	---		
0.814	0.017	300225		
0.519	0	---		
1.292	0	---		
1.681	0.011	---		
0.696	0.009	---		
0.896	0	---		
0.677	0.011	---		
0.474	0.007	---		
0.732	0	---		
-0.268	0.007	---		
0.592	0.017	---		
-0.625	0.001	---		