SUPPLEMENTAL DATA FOR

The Genome-wide Transcriptional Response to Neonatal Hyperoxia Identifies Ahr as a Key Regulator.

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Supplemental Table 1: Genes identified by SAM as differentially expressed (at median FDR = 0) in both RPM and TM normalized data and also had a magnitude of change greater than two-fold.

Symbol	Entrez Gene Name	p-value	Fold Change
GDF15	growth differentiation factor 15	2.95E-05	56.26
	solute carrier family 6 (neurotransmitter transporter,		
SLC6A3	dopamine), member 3	3.99E-06	23.74
EDA2R	ectodysplasin A2 receptor	1.45E-05	23.44
CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	5.88E-06	19.79
PSRC1	proline/serine-rich coiled-coil 1	5.47E-06	12.24
CCL3	chemokine (C-C motif) ligand 3	5.48E-06	10.30
PTPRN	protein tyrosine phosphatase, receptor type, N	1.36E-05	10.01
TREM2	triggering receptor expressed on myeloid cells 2	2.37E-05	7.36
APLN	apelin	7.77E-05	7.05
MGMT	O-6-methylguanine-DNA methyltransferase	6.02E-06	6.80
I II DD 4	leukocyte immunoglobulin-like receptor, subfamily B (with	1.050.05	<i>c.</i> 50
LILRB4	TM and ITIM domains), member 4	1.05E-05	6.59
CCNG1	cyclin G1	5.09E-05	6.08
MNDA	myeloid cell nuclear differentiation antigen	8.21E-05	5.92
MSR1	macrophage scavenger receptor 1	7.51E-06	5.89
COL5A3	collagen, type V, alpha 3	4.62E-06	5.74
SLC19A2	solute carrier family 19 (thiamine transporter), member 2	1.90E-06	5.74
NRG1	neuregulin 1	4.56E-05	5.70
ATF3	activating transcription factor 3	2.52E-05	5.30
GFPT2	glutamine-fructose-6-phosphate transaminase 2	1.77E-05	5.11
SULF2	sulfatase 2	1.81E-05	4.93
CD80	CD80 molecule	2.73E-05	4.75
MX2	myxovirus (influenza virus) resistance 2 (mouse)	3.47E-05	4.75
STEAP4	STEAP family member 4	5.25E-05	4.59
PLCD4	phospholipase C, delta 4	8.83E-05	4.57
MARCO	macrophage receptor with collagenous structure	3.92E-05	4.50
MS4A7	membrane-spanning 4-domains, subfamily A, member 7	2.04E-05	4.35
ZMAT3	zinc finger, matrin-type 3	1.34E-07	4.28
TPSAB1/TPSB2	tryptase alpha/beta 1	4.54E-06	4.19
TMEM54	transmembrane protein 54	6.70E-05	4.17
CMA1	chymase 1, mast cell	8.58E-05	4.11
ZFYVE28	zinc finger, FYVE domain containing 28	8.49E-06	4.10
LOXL4	lysyl oxidase-like 4	4.62E-05	3.99
CD68	CD68 molecule	1.10E-05	3.79
GCLC	glutamate-cysteine ligase, catalytic subunit	7.45E-05	3.42
IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	1.44E-05	3.38
BAX	BCL2-associated X protein	1.34E-08	3.32
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BHLHE40	basic helix-loop-helix family, member e40	2.64E-06	3.28
PHLDA3	pleckstrin homology-like domain, family A, member 3	2.04E-00 1.07E-05	3.23
FILDAS	solute carrier family 37 (glycerol-3-phosphate transporter),	1.0712-03	3.23
SLC37A2	member 2	2.57E-05	3.21
DUSP4	dual specificity phosphatase 4	1.60E-07	3.18
SCN1B	sodium channel, voltage-gated, type I, beta	1.77E-05	3.12
PDGFC	platelet derived growth factor C	1.76E-05	3.07
TNFAIP2	tumor necrosis factor, alpha-induced protein 2	2.16E-06	3.05
AK1	adenylate kinase 1	3.17E-06	3.02
TINAG	tubulointerstitial nephritis antigen	6.11E-06	3.01
TTC9	tetratricopeptide repeat domain 9	5.05E-05	3.01
DCTD	dCMP deaminase	1.65E-05	3.00
FXYD5	FXYD domain containing ion transport regulator 5	8.40E-08	2.99
CFB	complement factor B	3.30E-05	2.98
HS6ST2	heparan sulfate 6-O-sulfotransferase 2	1.47E-05	2.95
HP	haptoglobin	8.24E-05	2.94
CASP4	caspase 4, apoptosis-related cysteine peptidase	3.66E-05	2.90
CCR1	chemokine (C-C motif) receptor 1	1.41E-06	2.90
COX6B2	cytochrome c oxidase subunit VIb polypeptide 2 (testis)	1.07E-05	2.89
PQLC3	PQ loop repeat containing 3	1.34E-07	2.88
SESN2	sestrin 2	4.44E-06	2.86
PLAUR	plasminogen activator, urokinase receptor	3.48E-05	2.82
	solute carrier family 11 (proton-coupled divalent metal ion		
SLC11A1	transporters), member 1	1.74E-05	2.79
EPHX1	epoxide hydrolase 1, microsomal (xenobiotic)	2.31E-06	2.79
ASS1	argininosuccinate synthase 1	8.84E-05	2.71
MAT1A	methionine adenosyltransferase I, alpha	4.09E-05	2.70
C1QB	complement component 1, q subcomponent, B chain	4.58E-06	2.69
ASNS	asparagine synthetase (glutamine-hydrolyzing)	1.18E-06	2.68
BST1	bone marrow stromal cell antigen 1	2.72E-05	2.67
CTSH	cathepsin H	2.32E-05	2.65
MDM2	Mdm2 p53 binding protein homolog (mouse)	1.52E-05	2.64
SCNN1B	sodium channel, nonvoltage-gated 1, beta	5.02E-05	2.64
HSPB8	heat shock 22kDa protein 8	5.65E-05	2.60
HSPA9	heat shock 70kDa protein 9 (mortalin)	7.00E-06	2.59
PLK3	polo-like kinase 3	1.15E-05	2.58
RPS27L	ribosomal protein S27-like	4.11E-05	2.58
TBC1D2	TBC1 domain family, member 2	4.16E-06	2.57
SORBS2	sorbin and SH3 domain containing 2	3.17E-05	2.54
ICAM1	intercellular adhesion molecule 1	6.13E-05	2.53
CSTB	cystatin B (stefin B)	1.58E-05	2.52
CI CICAT	solute carrier family 16, member 7 (monocarboxylic acid	0.045.05	2.52
SLC16A7	transporter 2)	9.94E-05	2.52
MIF	macrophage migration inhibitory factor (glycosylation-	6.44E-05	2.52

inhibiting factor)

	initioting factor)		
ADHFE1	alcohol dehydrogenase, iron containing, 1	3.94E-05	2.51
RENBP	renin binding protein	2.19E-05	2.50
A2LD1	AIG2-like domain 1	6.30E-05	2.47
COL18A1	collagen, type XVIII, alpha 1	7.27E-05	2.45
LPAR2	lysophosphatidic acid receptor 2	1.08E-05	2.44
ADSSL1	adenylosuccinate synthase like 1	1.39E-05	2.44
CPT1C	carnitine palmitoyltransferase 1C	4.20E-07	2.43
CCND1	cyclin D1	6.65E-05	2.43
GLIPR1	GLI pathogenesis-related 1	1.51E-06	2.40
IGF2BP3	insulin-like growth factor 2 mRNA binding protein 3	4.99E-06	2.39
A4GALT	alpha 1,4-galactosyltransferase	4.18E-05	2.39
TBXAS1	thromboxane A synthase 1 (platelet)	2.15E-05	2.38
CREG1	cellular repressor of E1A-stimulated genes 1	2.79E-06	2.38
AIF1	allograft inflammatory factor 1	7.27E-05	2.35
KIF1A	kinesin family member 1A	1.10E-05	2.34
EPHA2	EPH receptor A2	3.36E-06	2.34
GRIA3	glutamate receptor, ionotrophic, AMPA 3	7.23E-05	2.33
NCEH1	neutral cholesterol ester hydrolase 1	9.61E-07	2.33
CRLF1	cytokine receptor-like factor 1	4.41E-05	2.32
LITAF	lipopolysaccharide-induced TNF factor	4.89E-06	2.32
	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F		
MAFF	(avian)	3.47E-06	2.31
PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1	6.04E-05	2.31
LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein	7.15E-06	2.30
CDC34	cell division cycle 34 homolog (S. cerevisiae)	6.97E-05	2.30
FUCA2	fucosidase, alpha-L- 2, plasma	8.24E-07	2.25
SFXN1	sideroflexin 1	3.65E-05	2.25
ANO1	anoctamin 1, calcium activated chloride channel	1.28E-05	2.24
TLR7	toll-like receptor 7	6.74E-05	2.24
FTH1	ferritin, heavy polypeptide 1	1.63E-05	2.24
INF2	inverted formin, FH2 and WH2 domain containing	6.20E-06	2.23
SAT1	spermidine/spermine N1-acetyltransferase 1	8.77E-06	2.20
CDCC	CD55 molecule, decay accelerating factor for complement	0.045.06	2.10
CD55	(Cromer blood group)	8.94E-06	2.19
CTSD	cathepsin D	2.52E-05	2.18
TMEM43	transmembrane protein 43	3.31E-05	2.16
EMR1	egf-like module containing, mucin-like, hormone receptor-like	5.18E-07	2.16
AOX1	aldehyde oxidase 1	2.62E-05	2.15
110111	solute carrier family 3 (activators of dibasic and neutral amino	2.022 03	2.13
SLC3A2	acid transport), member 2	5.31E-06	2.15
EYA2	eyes absent homolog 2 (Drosophila)	2.25E-06	2.14
APRT	adenine phosphoribosyltransferase	1.22E-06	2.14

CHCHD10	coiled-coil-helix-coiled-coil-helix domain containing 10	8.74E-07	2.13
IGF2BP2	insulin-like growth factor 2 mRNA binding protein 2	2.09E-06	2.12
ECM1	extracellular matrix protein 1	6.70E-06	2.11
TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	1.25E-05	2.11
LIPH	lipase, member H	2.01E-06	2.11
HTATIP2	HIV-1 Tat interactive protein 2, 30kDa	6.65E-06	2.10
CTSB	cathepsin B	2.38E-06	2.07
	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H		
PTGS1	synthase and cyclooxygenase)	1.06E-05	2.07
SNX10	sorting nexin 10	1.16E-05	2.07
BEND7	BEN domain containing 7	1.63E-05	2.05
LAMB3	laminin, beta 3	2.25E-06	2.05
CDH3	cadherin 3, type 1, P-cadherin (placental)	1.01E-05	2.05
TYROBP	TYRO protein tyrosine kinase binding protein	1.12E-05	2.04
MMRN2	multimerin 2	8.78E-05	2.03
MYBL1	v-myb myeloblastosis viral oncogene homolog (avian)-like 1	1.11E-04	2.03
LDHB	lactate dehydrogenase B	1.33E-05	2.02
TTYH3	tweety homolog 3 (Drosophila)	3.33E-05	0.50
GPR64	G protein-coupled receptor 64	5.55E-05	0.50
ATP1A2	ATPase, Na+/K+ transporting, alpha 2 polypeptide	5.71E-05	0.50
ETV1	ets variant 1	2.32E-05	0.50
ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like	1.21E-05	0.50
SH3PXD2A	SH3 and PX domains 2A	5.92E-05	0.49
EPHB4	EPH receptor B4	1.05E-05	0.49
G1.1.D.G.1.0	SWI/SNF related, matrix associated, actin dependent regulator	1 T 0 F	0.40
SMARCA2	of chromatin, subfamily a, member 2	5.64E-05	0.49
SCUBE1	signal peptide, CUB domain, EGF-like 1	3.16E-05	0.49
HOXB5	homeobox B5	8.39E-06	0.48
RASGRP1	RAS guanyl releasing protein 1 (calcium and DAG-regulated)	2.97E-05	0.48
EGFLAM	EGF-like, fibronectin type III and laminin G domains	3.55E-05	0.48
PDLIM3	PDZ and LIM domain 3	2.48E-05	0.48
HIGD1B	HIG1 hypoxia inducible domain family, member 1B	2.21E-06	0.48
SHANK3	SH3 and multiple ankyrin repeat domains 3	1.13E-05	0.48
ANKRD44	ankyrin repeat domain 44	3.60E-05	0.48
DCHS1	dachsous 1 (Drosophila)	1.27E-05	0.48
PRICKLE2	prickle homolog 2 (Drosophila)	2.94E-06	0.47
JAM2	junctional adhesion molecule 2	1.08E-05	0.47
NOSTRIN	nitric oxide synthase trafficker	3.59E-05	0.47
GUCY1B3	guanylate cyclase 1, soluble, beta 3	6.79E-07	0.47
CDEA 2T2	core-binding factor, runt domain, alpha subunit 2; translocated	2 27E 05	0.47
CBFA2T3	to, 3	3.27E-05	0.47
PDGFRB	platelet-derived growth factor receptor, beta polypeptide	1.65E-05	0.47
ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4	7.18E-07	0.47
ERG	v-ets erythroblastosis virus E26 oncogene homolog (avian)	1.75E-05	0.47

STK4	serine/threonine kinase 4	9.33E-06	0.47
SRPX	sushi-repeat containing protein, X-linked	1.87E-07	0.47
AHR	aryl hydrocarbon receptor	1.65E-05	0.47
CLEC1A	C-type lectin domain family 1, member A	5.60E-05	0.46
SNN	stannin	1.42E-05	0.46
HOXA3	homeobox A3	4.21E-05	0.46
ADAMTS7	ADAM metallopeptidase with thrombospondin type 1 motif, 7	3.50E-05	0.46
APC2	adenomatosis polyposis coli 2	5.72E-05	0.46
LIFR	leukemia inhibitory factor receptor alpha	2.08E-06	0.46
	sema domain, immunoglobulin domain (Ig), short basic		
SEMA3C	domain, secreted, (semaphorin) 3C	2.39E-05	0.46
PDE7B	phosphodiesterase 7B	2.18E-05	0.46
HMCN1	hemicentin 1	8.26E-05	0.46
ARRB1	arrestin, beta 1	1.33E-05	0.46
ARL15	ADP-ribosylation factor-like 15	3.27E-05	0.46
	transmembrane protein with EGF-like and two follistatin-like		
TMEFF1	domains 1	2.07E-05	0.46
MAP4K2	mitogen-activated protein kinase kinase kinase kinase 2	3.51E-05	0.46
PRCP	prolylcarboxypeptidase (angiotensinase C)	2.18E-05	0.46
GPR126	G protein-coupled receptor 126	3.95E-06	0.46
RGS9	regulator of G-protein signaling 9	3.07E-06	0.46
ANGPTL2	angiopoietin-like 2	5.50E-05	0.46
FAM13C	family with sequence similarity 13, member C	5.85E-06	0.45
THBS2	thrombospondin 2	4.20E-05	0.45
PCDH18	protocadherin 18	4.71E-05	0.45
	solute carrier family 36 (proton/amino acid symporter),		
SLC36A2	member 2	4.79E-05	0.45
SLC38A5	solute carrier family 38, member 5	4.73E-05	0.45
ADAMTS8	ADAM metallopeptidase with thrombospondin type 1 motif, 8	1.59E-05	0.45
AMOT	angiomotin	2.60E-05	0.45
CHST2	carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2	4.49E-05	0.45
NR2F1	nuclear receptor subfamily 2, group F, member 1	1.58E-05	0.45
ANTXR2	anthrax toxin receptor 2	7.47E-07	0.44
ETS1	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	3.20E-05	0.44
FANCC	Fanconi anemia, complementation group C	3.41E-05	0.44
RECK	reversion-inducing-cysteine-rich protein with kazal motifs	4.26E-05	0.44
	sperm antigen with calponin homology and coiled-coil domains		
SPECC1L	1-like	5.40E-05	0.44
ATP1B2	ATPase, Na+/K+ transporting, beta 2 polypeptide	3.47E-05	0.44
SOX13	SRY (sex determining region Y)-box 13	1.21E-05	0.43
USHBP1	Usher syndrome 1C binding protein 1	6.34E-05	0.43
VWF	von Willebrand factor	7.96E-05	0.43
THSD1	thrombospondin, type I, domain containing 1	3.26E-05	0.42
GALNTL1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-	5.10E-06	0.42

 $acetylgalactosaminyltransferase-like\ 1$

	acetylgalactosallillyttransferase-like 1		
LTBP2	latent transforming growth factor beta binding protein 2	6.11E-05	0.42
PRRT2	proline-rich transmembrane protein 2	5.47E-05	0.42
HOXA5	homeobox A5	2.42E-05	0.42
ADAMTS5	ADAM metallopeptidase with thrombospondin type 1 motif, 5	2.34E-05	0.41
ELN	elastin	3.93E-05	0.40
CD248	CD248 molecule, endosialin	2.86E-05	0.40
SPON2	spondin 2, extracellular matrix protein	1.99E-05	0.40
C1QTNF7	C1q and tumor necrosis factor related protein 7	9.83E-06	0.40
TRIM36	tripartite motif containing 36	4.91E-05	0.40
PTPRB	protein tyrosine phosphatase, receptor type, B	3.28E-05	0.39
NTN3	netrin 3	5.79E-05	0.39
NCALD	neurocalcin delta	3.46E-05	0.39
MCF2L	MCF.2 cell line derived transforming sequence-like	1.03E-05	0.38
ARHGAP20	Rho GTPase activating protein 20	6.53E-06	0.38
NPNT	nephronectin	8.97E-06	0.38
CDKN2C	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	2.07E-06	0.38
FAM129A	family with sequence similarity 129, member A	3.96E-05	0.38
IL17RD	interleukin 17 receptor D	9.69E-06	0.38
ACE	angiotensin I converting enzyme (peptidyl-dipeptidase A) 1	3.52E-05	0.38
EMID1	EMI domain containing 1	3.78E-05	0.38
PCSK5	proprotein convertase subtilisin/kexin type 5	1.34E-05	0.38
LDB2	LIM domain binding 2	5.65E-06	0.37
LEPR	leptin receptor	3.78E-05	0.37
ASTN2	astrotactin 2	8.62E-06	0.37
CD2	CD2 molecule	1.49E-05	0.37
CLEC2D	C-type lectin domain family 2, member D	2.12E-05	0.37
GUCY1A3	guanylate cyclase 1, soluble, alpha 3	3.64E-06	0.37
NUP210	nucleoporin 210kDa	6.87E-05	0.37
THBD	thrombomodulin	2.77E-06	0.37
	sema domain, immunoglobulin domain (Ig), short basic		
SEMA3G	domain, secreted, (semaphorin) 3G	2.41E-05	0.36
PODXL2	podocalyxin-like 2	6.75E-05	0.36
ABI3BP	ABI family, member 3 (NESH) binding protein	8.34E-05	0.36
PCOLCE2 (includes			
EG:26577)	procollagen C-endopeptidase enhancer 2	5.63E-05	0.36
RNF144A	ring finger protein 144A	1.73E-05	0.36
CCDC85A	coiled-coil domain containing 85A	6.60E-05	0.36
KCNK3	potassium channel, subfamily K, member 3	2.38E-05	0.36
PDE5A	phosphodiesterase 5A, cGMP-specific	4.65E-06	0.36
RGS3	regulator of G-protein signaling 3	4.05E-00 2.45E-05	0.36
NTN1	netrin 1	7.30E-05	0.35
141111	noum 1	7.50E-05	0.55

TMEM100	transmembrane protein 100	2.57E-05	0.34
MFAP2	microfibrillar-associated protein 2	4.18E-06	0.34
PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	2.19E-05	0.34
TUBB4	tubulin, beta 4	1.54E-05	0.34
MAPT	microtubule-associated protein tau	8.80E-06	0.33
COX4I2	cytochrome c oxidase subunit IV isoform 2 (lung)	2.66E-05	0.33
PLCB1	phospholipase C, beta 1 (phosphoinositide-specific)	9.81E-06	0.33
SOX17	SRY (sex determining region Y)-box 17 glycosylphosphatidylinositol anchored high density lipoprotein	1.18E-05	0.33
GPIHBP1	binding protein 1	4.72E-05	0.33
HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	3.81E-05	0.33
	sarcoglycan, gamma (35kDa dystrophin-associated		
SGCG	glycoprotein)	1.48E-05	0.33
P2RY14	purinergic receptor P2Y, G-protein coupled, 14	3.64E-07	0.33
CLSTN2	calsyntenin 2	2.50E-06	0.32
COL24A1	collagen, type XXIV, alpha 1	8.79E-06	0.32
TMEM2	transmembrane protein 2	2.77E-07	0.32
ENPEP	glutamyl aminopeptidase (aminopeptidase A)	8.21E-06	0.32
ASPN	asporin	5.05E-05	0.31
PALMD	palmdelphin	6.39E-07	0.31
TEK	TEK tyrosine kinase, endothelial	1.03E-05	0.31
CAMK4	calcium/calmodulin-dependent protein kinase IV	5.33E-05	0.30
PRSS35	protease, serine, 35	7.59E-06	0.30
TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	1.54E-06	0.30
SOX11	SRY (sex determining region Y)-box 11	1.41E-05	0.30
KIF26A	kinesin family member 26A	1.26E-05	0.30
NTRK3	neurotrophic tyrosine kinase, receptor, type 3	9.62E-06	0.29
ADAM33	ADAM metallopeptidase domain 33	6.49E-05	0.29
SEMA6A	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A	8.87E-06	0.29
SLWAOA	potassium voltage-gated channel, KQT-like subfamily, member	0.67L-00	0.27
KCNQ4	4	5.88E-05	0.29
PGM5	phosphoglucomutase 5	1.29E-05	0.29
GCOM1	GRINL1A complex locus	5.62E-05	0.29
PDZD2	PDZ domain containing 2	1.11E-05	0.27
CHST8	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8	2.38E-05	0.27
SCN7A	sodium channel, voltage-gated, type VII, alpha	1.50E-05	0.26
	extracellular matrix protein 2, female organ and adipocyte		
ECM2	specific	1.93E-05	0.26
CD28	CD28 molecule	2.86E-05	0.25
DAB1	disabled homolog 1 (Drosophila)	5.69E-05	0.24
CHAD	chondroadherin	4.17E-05	0.23
KCNQ5	potassium voltage-gated channel, KQT-like subfamily, member 5	2.67E-05	0.23
NMNAT2	nicotinamide nucleotide adenylyltransferase 2	7.24E-06	0.23
1 11111 1/1 1/1 4/	medinamae nacieotide adenytymansierase 2	/ .∠¬L-00	0.23

	angiotensinogen (serpin peptidase inhibitor, clade A, member		
AGT	8)	1.73E-06	0.23
PRKCQ	protein kinase C, theta	1.65E-05	0.23
CALCRL	calcitonin receptor-like	2.07E-07	0.22
SCN3B	sodium channel, voltage-gated, type III, beta	1.10E-05	0.22
HLF	hepatic leukemia factor	4.45E-05	0.22
VTN	vitronectin	1.66E-06	0.21
	protein tyrosine phosphatase, non-receptor type 5 (striatum-		
PTPN5	enriched)	1.15E-05	0.21
PLXDC1	plexin domain containing 1	3.71E-06	0.21
GRIA1	glutamate receptor, ionotropic, AMPA 1	6.02E-05	0.19
HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	3.63E-06	0.19
FMO1	flavin containing monooxygenase 1	1.86E-05	0.18
RSPO2	R-spondin 2 homolog (Xenopus laevis)	2.98E-06	0.18
ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1	6.14E-06	0.18
THSD7B	thrombospondin, type I, domain containing 7B	7.06E-05	0.18
HSD11B2	hydroxysteroid (11-beta) dehydrogenase 2	1.99E-05	0.18
APLNR	apelin receptor	4.04E-07	0.17
HAVCR1	hepatitis A virus cellular receptor 1	6.19E-05	0.17
FAM124B	family with sequence similarity 124B	5.32E-06	0.16
A2M	alpha-2-macroglobulin	6.64E-06	0.15
	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene		
KIT	homolog	1.70E-07	0.14
NRXN1	neurexin 1	4.76E-05	0.14
VSNL1	visinin-like 1	8.10E-05	0.12
ADCY8	adenylate cyclase 8 (brain)	6.96E-07	0.08
GLP1R	glucagon-like peptide 1 receptor	3.68E-05	0.07
RGS8	regulator of G-protein signaling 8	8.09E-05	0.06