

Table S3. Microarray data submitted to the National Center for Biotechnology Information (NCBI)

Gene Expression Omnibus (accession number GSE48125; <http://www.ncbi.nlm.nih.gov/geo>).

Differentially expressed genes ($P < 0.01$, $FC > 2$) in the proximal small intestine (ANTI vs. CON).

ID	FC	P.Value	Gene Symbol	Gene Title
Ssc.3381.1.S1_a_at	63.44	0.000261	APOC4	Apolipoprotein C-II precursor (Apo-CII)
Ssc.26321.1.S1_at	19.95	0.00049	CYP2C18	Cytochrome P450 2C18
Ssc.204.1.S1_at	16.26	0.003847	CYP3A4	Cytochrome P450 3A4
Ssc.14073.2.S1_at	15.03	0.006599	HSD17B2	Estradiol 17-beta-dehydrogenase 2
Ssc.14073.1.S1_at	10.63	0.004893	HSD17B2	Estradiol 17-beta-dehydrogenase 2
Ssc.26321.1.A1_s_at	10.10	0.000454	CYP2C18	Cytochrome P450 2C18
Ssc.21194.1.S1_at	9.17	0.001923	PTPRR	Receptor-type protein-tyrosine phosphatase R precursor
Ssc.4856.1.A1_at	7.98	0.002781	TAF3	TAFII140 protein (Fragment)
Ssc.15379.1.S1_at	6.88	0.005768	DGAT2	diacylglycerol O-acyltransferase homolog 2 [Homo sapiens]
Ssc.15466.1.S1_at	6.85	0.004108	RRAGD	Ras-related GTP binding D [Homo sapiens]
Ssc.5127.1.S1_at	6.65	0.003639	FBP1	Fructose-1,6-bisphosphatase
Ssc.6106.2.S1_at	6.23	0.006716	PTPRD	Protein-tyrosine phosphatase delta precursor
Ssc.16261.1.S1_at	6.03	0.005474	CYP2C18	Cytochrome P450 2C18
Ssc.6106.1.S1_at	5.62	0.009692	PTPRD	Protein-tyrosine phosphatase delta precursor
Ssc.20570.1.S1_at	5.58	0.005889	ACAD11	nephrocystin 3 [Homo sapiens]
Ssc.15893.1.S1_at	5.43	0.001997	SLN	sarcophilin (SLN), mRNA
Ssc.15397.1.S1_at	5.29	0.000378	LMCD1	LIM and cysteine-rich domains protein 1
Ssc.8516.1.A1_at	5.20	0.008113	GSTA1	Glutathione S-transferase A1
Ssc.203.1.S1_at	4.89	0.005567	CYP3A7	Cytochrome P450 3A7
Ssc.18486.1.S1_a_at	4.89	0.000442	H1FO	Histone H1.0 (H1(0))
Ssc.19323.1.S1_at	4.84	8.43E-05	FAM114A1	
Ssc.16155.1.S1_at	4.81	0.006469	OTC	Ornithine carbamoyltransferase, mitochondrial precursor
Ssc.25636.1.S1_at	4.78	0.00124	ENPP5	
Ssc.5405.1.A1_at	4.69	0.000896	SETD8	Histone-lysine N-methyltransferase, H4 lysine-20 specific
Ssc.4715.1.S1_at	4.61	0.000644	TM7SF2	Delta(14)-sterol reductase
Ssc.2896.1.S1_at	4.58	0.004615	TRPV6	transient receptor potential cation channel, subfamily V, member 6
Ssc.26755.1.A1_at	4.50	0.002463	0	125 kDa protein
Ssc.27521.1.S1_at	4.47	0.000937	ABCD4	ATP-binding cassette, sub-family D, member 4
Ssc.4665.1.S1_at	4.43	0.000214	THNSL2	
Ssc.8278.1.S1_at	4.38	0.003575	EPHX2	Soluble epoxide hydrolase
Ssc.836.1.S1_at	4.37	0.002395	LDHD	D-lactate dehydrogenase isoform I precursor
Ssc.25819.1.S1_at	4.24	0.00349	0	
Ssc.5327.2.A1_at	4.13	0.001017	CYP2J2	Cytochrome P450 2J2
Ssc.24194.1.S1_a_at	4.11	0.002297	TCEA2	Transcription elongation factor A protein 2
Ssc.18608.1.S1_at	4.05	0.005648	RBP5	Retinol-binding protein III, cellular
Ssc.2825.1.S1_at	4.02	0.001265	GSTA1	Glutathione S-transferase A1
Ssc.1856.1.A1_at	3.84	0.001668	ACAA2	3-ketoacyl-CoA thiolase, mitochondrial
Ssc.86.1.S1_at	3.84	1.27E-05	DHRS4	Dehydrogenase/reductase SDR family member 4
Ssc.13744.1.A1_at	3.79	0.007978	ATP6V0D1	Vacuolar ATP synthase subunit d
Ssc.19659.2.S1_at	3.67	0.00053	LPCAT3	gene rich cluster, C3f gene [Homo sapiens]
Ssc.1847.1.S1_at	3.58	0.000295	MYBPC3	Myosin-binding protein C, cardiac-type
Ssc.21948.1.S1_at	3.48	0.000659	QPRT	Nicotinate-nucleotide pyrophosphorylase [carboxylating]
Ssc.19541.1.A1_at	3.46	0.001941	MTMR8	myotubularin related protein 8 [Homo sapiens]
Ssc.20303.1.S1_at	3.43	0.007636	PMM1	Phosphomannomutase 1
Ssc.30664.1.S1_at	3.43	0.006781	ERC2	ERC protein 2
Ssc.9392.2.S1_at	3.43	0.000141	EGF	Pro-epidermal growth factor precursor
Ssc.17264.1.S1_at	3.41	3.46E-05	SLC25A1	Tricarboxylate transport protein, mitochondrial precursor
Ssc.14322.1.A1_at	3.40	0.002392	C7orf10	
Ssc.28450.1.S1_at	3.37	0.007375	MFS2	
Ssc.10442.2.S1_a_at	3.37	0.000483	APOH	Beta-2-glycoprotein I precursor
Ssc.1652.1.S1_at	3.35	0.008823	GCAT	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor
Ssc.3029.1.A1_at	3.34	0.004447	CRYZ	Quinone oxidoreductase
Ssc.1018.1.S1_at	3.34	0.003387	CAT	Catalase
Ssc.7769.1.S1_at	3.22	0.000406	LPGAT1	Protein FAM34A
Ssc.1006.1.S1_at	3.16	0.000517	PGM1	Phosphoglucomutase
Ssc.20196.1.A1_at	3.15	0.000416	COQ6	Ubiquinone biosynthesis monooxygenase COQ6
Ssc.1511.1.S1_a_at	3.12	0.003189	AGMAT	Agmatinase, mitochondrial precursor
Ssc.16716.1.S1_at	3.11	0.00817	PGF	Placenta growth factor precursor
Ssc.14530.1.S1_at	3.11	0.003453	ACADL	Acyl-CoA dehydrogenase, long-chain specific, mitochondrial precursor

Ssc.7769.2.S1_at	3.11	0.002219	LPGAT1	Protein FAM34A
Ssc.24502.1.A1_at	3.09	0.008278	C9orf95	Nicotinamide riboside kinase 1
Ssc.18486.2.S1_at	3.09	0.000204	H1FO	Histone H1.0
Ssc.16391.1.A1_at	3.08	0.000218	GAS2	Growth-arrest-specific protein 2
Ssc.15316.2.S1_at	3.05	0.004833	CRIP1	Cysteine-rich protein 1
Ssc.8524.1.A1_at	3.05	0.004525	C17orf79	
Ssc.7054.2.A1_at	2.99	0.004085	RPL10A	ribosomal protein L10a [Homo sapiens]
Ssc.24325.1.S1_at	2.98	0.006737	PBLD	MAWD binding protein
Ssc.24461.1.S1_a_at	2.98	0.004039	HAAO	3-hydroxyanthranilate 3,4-dioxygenase
Ssc.15304.1.S1_at	2.96	0.000957	HYI	
Ssc.30173.1.A1_at	2.95	0.001711	PAPPA2	pappalysin 2 isoform 1 [Homo sapiens]
Ssc.23758.2.A1_at	2.94	0.005462	SLC46A3	
Ssc.29178.1.A1_at	2.94	0.000597	TGOLN2	Trans-Golgi network integral membrane protein 2 precursor
Ssc.11252.1.S1_at	2.93	0.001404	SPR	Sepiapterin reductase
Ssc.8088.1.A1_s_at	2.93	0.001243	CNTNAP2	
Ssc.14114.1.A1_at	2.92	0.00377	ABCD3	ATP-binding cassette, sub-family D, member 3
Ssc.25198.1.A1_at	2.89	0.008027	OAT	Ornithine aminotransferase, mitochondrial precursor
Ssc.776.1.S1_a_at	2.89	0.007411	PEPD	Xaa-Pro dipeptidase
Ssc.2306.1.S1_at	2.89	0.000963	HEBP1	heme binding protein 1 [Homo sapiens]
Ssc.15591.1.S1_at	2.89	0.000961	FIGNL1	fidgetin-like 1 [Homo sapiens]
Ssc.23305.1.S1_at	2.86	0.00971	TMEM144	
Ssc.27270.1.S1_at	2.83	0.005544	ABHD5	CGI58 protein; comparative gene identification 58 [Homo sapiens]
Ssc.9392.3.A1_at	2.79	0.000632	EGF	Pro-epidermal growth factor precursor
Ssc.24182.1.S1_at	2.78	7.05E-05	TMEM135	
Ssc.7054.1.A1_at	2.76	0.005293	RPL10A	ribosomal protein L10a [Homo sapiens]
Ssc.18098.3.A1_at	2.75	0.001071	XYLB	xylokinae homolog [Homo sapiens]
Ssc.24461.1.S1_at	2.74	0.008819	HAAO	3-hydroxyanthranilate 3,4-dioxygenase
Ssc.6145.1.A1_at	2.64	0.00835	CYBRD1	cytochrome b reductase 1 [Homo sapiens]
Ssc.9679.2.S1_at	2.63	0.002077	LIPA	Lysosomal acid lipase/cholesteryl ester hydrolase precursor
Ssc.16225.1.S1_at	2.62	0.004273	GHR	Growth hormone receptor precursor
Ssc.14490.1.S1_at	2.62	0.003775	PTGR1	NADP-dependent leukotriene B4 12-hydroxydehydrogenase
Ssc.15622.1.S1_at	2.62	0.001312	Q9NW15	
Ssc.4457.2.S1_at	2.58	0.000298	C9orf80	
Ssc.4625.2.S1_at	2.55	0.003026	C12orf49	
Ssc.18280.1.A1_at	2.53	0.007049	C1QTNF3	Alpha-methylacyl-CoA racemase
Ssc.64.1.S1_at	2.51	0.001745	ABCG2	ATP-binding cassette, sub-family G, member 2
Ssc.24652.1.S1_at	2.50	0.002137	PAK1	Serine/threonine-protein kinase PAK 1
Ssc.2710.1.S1_at	2.49	0.008956	VPS28	VPS28 protein homolog
Ssc.19659.1.S1_at	2.49	0.008877	LPCAT3	gene rich cluster, C3f gene [Homo sapiens]
Ssc.22078.1.A1_at	2.49	0.004407	PLA2G10	Group X secretory phospholipase A2 precursor
Ssc.16111.2.S1_at	2.47	0.002093	PMVK	Phosphomevalonate kinase
Ssc.2551.1.A1_at	2.47	0.001451	RAB31	Ras-related protein Rab-31
Ssc.189.1.S1_at	2.45	0.006176	DGAT1	Diacylglycerol O-acyltransferase 1
Ssc.1465.1.S1_at	2.45	0.000616	DECR1	2,4-dienoyl-CoA reductase, mitochondrial precursor
Ssc.19562.1.S1_at	2.44	0.000137	GSTZ1	Maleylacetoacetate isomerase
Ssc.26273.1.S1_at	2.43	0.00913	BLVRA	Biliverdin reductase A precursor
Ssc.28013.1.A1_at	2.42	0.002838	VKORC1L1	vitamin K epoxide reductase complex, subunit 1-like 1 [Homo sapiens]
Ssc.31168.1.S1_at	2.40	0.004544	NIPSNAP1	NipSnap1 protein
Ssc.11816.1.A1_at	2.32	0.001252	ABCD3	ATP-binding cassette, sub-family D, member 3
Ssc.9679.1.A1_at	2.30	0.000374	LIPA	Lysosomal acid lipase/cholesteryl ester hydrolase precursor
Ssc.8203.1.S1_at	2.29	0.005111	EPHX1	Epoxide hydrolase 1
Ssc.25218.2.S1_at	2.29	0.003169	IVD	Isovaleryl-CoA dehydrogenase, mitochondrial precursor
Ssc.958.1.S1_at	2.27	0.009271	ALDOB	Fructose-bisphosphate aldolase B
Ssc.24184.1.S1_at	2.26	0.000163	GPD1L	glycerol-3-phosphate dehydrogenase 1-like [Homo sapiens]
Ssc.11043.1.A1_at	2.25	0.002597	TEX2	uncharacterized hypothalamus protein HT008 [Homo sapiens]
Ssc.24238.1.S1_s_at	2.24	0.005423	RECQL5	ATP-dependent DNA helicase Q5
Ssc.4523.1.S1_at	2.22	0.006836	CROT	Peroxisomal carnitine O-octanoyltransferase
Ssc.1762.2.A1_at	2.22	0.005403	PLA2G10	Group X secretory phospholipase A2 precursor
Ssc.4903.1.A1_at	2.21	0.00463	CCDC115	
Ssc.9819.1.S1_at	2.21	0.000555	PGRMC1	Membrane associated progesterone receptor component 1
Ssc.3021.1.A1_at	2.20	2.32E-05	ENOX2	Tumor-associated hydroquinone oxidase
Ssc.11422.1.A1_at	2.19	0.00722	PLA1A	phospholipase A1 member A [Homo sapiens]
Ssc.14190.1.A1_at	2.18	0.009948	KLHL1	Kelch-like protein 1
Ssc.14218.1.S1_at	2.18	0.005171	SPG21	acid cluster protein 33 [Homo sapiens]
Ssc.4497.1.A1_at	2.17	0.002355	MFSD11	
Ssc.15598.1.S1_at	2.17	0.000875	INSIG1	Insulin-induced protein 1
Ssc.11816.2.A1_a_at	2.16	0.00838	ABCD3	ATP-binding cassette, sub-family D, member 3
Ssc.20939.1.S1_at	2.16	0.007728	C20orf149	
Ssc.1239.1.A1_at	2.14	0.005986	NDUFA9	NADH-ubiquinone oxidoreductase 39 kDa subunit, mitochondrial precursor

Ssc.12198.1.A1_at	2.13	0.001159	CYB5A	Cytochrome b5
Ssc.23782.2.S1_at	2.12	0.006892	PURA	Transcriptional activator protein PUR-alpha
Ssc.10819.1.S1_at	2.12	0.004158	NIT2	nitrilase family, member 2 [Homo sapiens]
Ssc.14188.1.A1_at	2.12	0.003866	LPGAT1	Protein FAM34A
Ssc.83.1.S1_at	2.11	0.005018	ENPEP	Glutamyl aminopeptidase
Ssc.10926.1.A1_at	2.11	0.001739	SLC35F5	solute carrier family 35, member F5 [Homo sapiens]
Ssc.27882.1.A1_at	2.10	0.005887	TCEAL4	transcription elongation factor A (SII)-like 4
Ssc.24762.1.A1_at	2.10	0.004584	OSBPL1A	Oxysterol binding protein-related protein 1
Ssc.27099.1.A1_at	2.09	0.008545	SEC22C	vesicle trafficking protein isoform b [Homo sapiens]
Ssc.11666.1.S1_s_at	2.06	0.008661	C9orf142	
Ssc.7292.1.S1_at	2.05	0.005356	FANCC	Fanconi anemia group C protein (FACC protein)
Ssc.17674.1.A1_at	2.04	0.00849	DNM3	Dynamin 3
Ssc.7204.1.A1_at	2.03	0.008874	HAGH	Hydroxyacylglutathione hydrolase
Ssc.22476.1.A1_at	2.02	0.003622	TXNDC16	KIAA1344
Ssc.11580.1.S1_at	2.01	0.003744	HADHA	Trifunctional enzyme alpha subunit, mitochondrial precursor
Ssc.8663.1.A1_at	2.01	0.002632	PGRMC2	Membrane associated progesterone receptor component 2
Ssc.9332.1.A1_at	2.01	0.000167	MID2	Midline 2 protein
Ssc.15926.1.S1_at	-2.00	0.004435	CLCA1	calcium activated chloride channel 1 precursor [Homo sapiens]
Ssc.10859.1.S1_at	-2.02	0.008096	CSR2	Cysteine and glycine-rich protein 2
Ssc.26435.1.A1_at	-2.02	0.003749	KV5A	Ig kappa chain V region EV15 precursor
Ssc.18022.2.S1_at	-2.03	0.009717	SLC33A1	acetyl-coenzyme A transporter [Homo sapiens]
Ssc.20937.1.S1_at	-2.04	0.006235	TBC1D2B	
Ssc.22606.1.A1_at	-2.04	0.001948	ANAPC1	Anaphase promoting complex subunit 1
Ssc.4177.1.A1_at	-2.07	0.000381	WASF3	Wiskott-Aldrich syndrome protein family member 3
Ssc.12013.1.A1_at	-2.08	0.004332	SYTL4	Synaptotagmin-like protein 4
Ssc.30967.1.A1_at	-2.09	0.009363	CRISPLD2	
Ssc.7789.1.A1_at	-2.11	0.009942	ZNF143	Zinc finger protein 143
Ssc.28902.1.S1_at	-2.11	0.008718	NUP153	Nuclear pore complex protein Nup153
Ssc.5893.1.S1_at	-2.11	0.004968	DOCK7	Dedicator of cytokinesis protein 7 (Fragment)
Ssc.21581.1.S1_at	-2.11	0.001891	ARID5B	
Ssc.19350.1.S1_at	-2.11	0.000836	IER5	immediate early response 5 [Homo sapiens]
Ssc.6592.2.S1_at	-2.12	0.005039	PAN2	ubiquitin specific protease 52 [Homo sapiens]
Ssc.13537.1.A1_at	-2.14	0.009424	PRKAB2	5-AMP-activated protein kinase, beta-2 subunit
Ssc.1549.1.A1_at	-2.14	0.008923	STIP1	Stress-induced-phosphoprotein 1
Ssc.5832.1.S1_at	-2.19	0.00808	JARID2	Jumonji protein (Jumonji/ARID domain-containing protein 2)
Ssc.22090.1.A1_at	-2.19	0.007803	HS3ST1	heparan sulfate D-glucosaminyl 3-O-sulfotransferase 1 precursor [Homo sapiens]
Ssc.22157.1.A1_at	-2.21	0.002533	PHLPP	suprachiasmatic nucleus circadian oscillatory protein [Homo sapiens]
Ssc.6384.1.S1_at	-2.24	0.004382	RGS4	Regulator of G-protein signaling 4
Ssc.11162.1.S1_at	-2.25	0.008888	C4BPA	C4b-binding protein alpha chain precursor
Ssc.27075.1.A1_at	-2.25	0.004594	CDC27	Cell division cycle protein 27 homolog
Ssc.18217.1.S1_at	-2.29	0.004576	RSPO3	thrombospondin, type I, domain containing 2 [Homo sapiens]
Ssc.27175.1.A1_at	-2.30	0.002626	MYO5C	Myosin Vc
Ssc.13611.1.A1_at	-2.32	0.007454	NT5DC1	5-nucleotidase, cytosolic II-like 1 protein [Homo sapiens]
Ssc.17920.1.A1_at	-2.33	0.007776	C15orf17	
Ssc.6139.1.S1_a_at	-2.34	0.008928	WARS	Tryptophanyl-tRNA synthetase
Ssc.24009.1.S1_at	-2.34	0.00477	NT5C	5(3)-deoxyribonucleotidase, cytosolic type
Ssc.23048.1.S1_at	-2.34	0.001093	KIAA0408	KIAA0408
Ssc.20199.2.S1_at	-2.35	0.004318	HIVEP2	Human immunodeficiency virus type I enhancer-binding protein 2
Ssc.11966.1.S1_at	-2.36	0.003788	SHMT2	Serine hydroxymethyltransferase, mitochondrial precursor
Ssc.16956.1.A1_at	-2.37	0.006524	TCP1	T-complex protein 1, alpha subunit
Ssc.7517.1.A1_at	-2.37	0.000768	E2F8	
Ssc.17356.1.S1_at	-2.38	0.005637	MON2	SF21 protein
Ssc.12259.1.A1_at	-2.39	0.006827	MARS	Methionyl-tRNA synthetase
Ssc.18444.1.S1_at	-2.39	0.004073	GARS	Glycyl-tRNA synthetase
Ssc.31082.1.A1_at	-2.39	0.000283	CD55	Complement decay-accelerating factor precursor (CD55 antigen)
Ssc.11086.1.A1_at	-2.40	0.00954	SLA	SRC-like-adaptor
Ssc.29157.1.A1_at	-2.40	0.005866	ADAM9	ADAM 9 precursor
Ssc.11101.1.S1_at	-2.41	0.006713	STK24	Serine/threonine-protein kinase 24
Ssc.7570.2.S1_at	-2.42	0.001925	SLC1A1	Excitatory amino acid transporter 3
Ssc.8443.1.A1_at	-2.45	0.002163	TSPAN16	Tetraspanin TM4-B
Ssc.2033.1.S1_at	-2.49	0.002774	CRY1	cryptochrome 1 (photolyase-like) [Homo sapiens]
Ssc.24781.1.A1_at	-2.50	0.007872	KIAA1712	KIAA1712
Ssc.5638.1.S1_at	-2.50	0.006434	FKBP4	FK506-binding protein 4
Ssc.1986.1.S1_at	-2.50	0.004669	PTGS1	Prostaglandin G/H synthase 1 precursor
Ssc.9655.1.A1_at	-2.50	0.004019	CSDA	DNA-binding protein A
Ssc.8904.1.A1_at	-2.55	0.001803	ADAMTSL3	a disintegrin-like and metalloprotease domain with thrombospondin type I motifs-like 3 [Homo sapiens]
Ssc.11037.1.S1_at	-2.57	0.005197	RCC2	RCC1-like [Homo sapiens]
Ssc.5772.1.A1_at	-2.58	0.001043	IL27RA	class I cytokine receptor; T-cell cytokine receptor [Homo sapiens]

Ssc.9778.1.S1_at	-2.59	0.005491	COL1A1	Collagen alpha 1(I) chain precursor
Ssc.6918.1.A1_at	-2.60	0.004696	ACSL4	Long-chain-fatty-acid--CoA ligase 4
Ssc.8271.1.S1_at	-2.63	0.007488	NETO2	neuropilin- and tolloid-like protein 2 precursor [Homo sapiens]
Ssc.22631.1.S1_at	-2.65	0.008876	GFPT1	Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1
Ssc.10573.1.A1_at	-2.65	0.005013	QKI	quaking homolog, KH domain RNA binding isoform HQK-5 [Homo sapiens]
Ssc.17325.1.S1_at	-2.69	0.005984	CD24L4	Signal transducer CD24 precursor
Ssc.373.1.S1_at	-2.70	0.003095	MGP	Matrix Gla-protein precursor (MGP)
Ssc.4985.1.A1_at	-2.70	0.000857	ITGA2	
Ssc.7570.1.A1_at	-2.70	0.000237	SLC1A1	Excitatory amino acid transporter 3
Ssc.9951.1.A1_at	-2.71	0.005638	GNPNAT1	Glucosamine 6-phosphate N-acetyltransferase
Ssc.30817.1.A1_at	-2.74	0.003163	ADAM9	ADAM 9 precursor
Ssc.6474.1.S1_at	-2.74	0.001134	GSR	Glutathione reductase, mitochondrial precursor
Ssc.15899.1.S1_at	-2.75	0.008765	PLK2	Serine/threonine-protein kinase PLK2
Ssc.21217.1.A1_at	-2.77	0.001089	FAM72A	MGC57827 protein (Novel protein)
Ssc.21647.1.A1_at	-2.78	0.009348	CEP55	
Ssc.8232.1.A1_at	-2.79	0.00346	ATP6V0A2	Vacuolar proton translocating ATPase 116 kDa subunit a isoform 2
Ssc.13346.1.A1_at	-2.79	0.003169	FRMD5	
Ssc.5821.1.S1_at	-2.81	0.002969	STIL	TAL1 (SCL) interrupting locus [Homo sapiens]
Ssc.2264.1.S1_at	-2.84	0.009244	SLC1A5	Neutral amino acid transporter B(0)
Ssc.8726.1.A1_at	-2.85	0.007691	PPAT	Amidophosphoribosyltransferase precursor
Ssc.30897.1.A1_at	-2.85	0.003905	PLCH1	PLCL3 protein (Fragment)
Ssc.24768.1.S1_at	-2.87	0.00857	NT5DC1	5-nucleotidase, cytosolic II-like 1 protein [Homo sapiens]
Ssc.12780.1.S1_at	-2.92	0.003286	SQRDL	Sulfide:quinone oxidoreductase, mitochondrial precursor
Ssc.25774.1.S1_at	-3.05	0.004989	TMEM48	
Ssc.19365.1.S1_at	-3.09	0.009651	FAM26F	PREDICTED: similar to gene; RIKEN cDNA 2810048G17
Ssc.4104.1.S1_at	-3.10	0.005471	DDIT4	RTP801; HIF-1 responsive RTP801 [Homo sapiens]
Ssc.11879.1.A1_at	-3.11	0.003967	CDC6	Cell division control protein 6 homolog
Ssc.229.1.S1_at	-3.13	0.00376	FMO1	Dimethylaniline monooxygenase [N-oxide-forming] 1
Ssc.61.1.S1_at	-3.13	0.003269	C3	Complement C3 precursor [Contains: C3a anaphylatoxin].
Ssc.11489.1.A1_at	-3.16	0.009469	BCAS3	Breast carcinoma amplified sequence 3
Ssc.8808.1.A1_at	-3.18	0.003891	PTPLAD2	similar to RIKEN 4933428I03
Ssc.16839.1.S1_at	-3.19	0.000276	DDAH1	NG,NG-dimethylarginine dimethylaminohydrolase 1
Ssc.21959.1.S1_at	-3.24	0.003219	CARS	CysteinyI-tRNA synthetase
Ssc.7446.1.S1_a_at	-3.27	0.007285	PPID	40 kDa peptidyl-prolyl cis-trans isomerase
Ssc.15660.1.S1_at	-3.27	0.003768	SYS1	Protein C20orf35 (HSMNP1)
Ssc.18072.1.A1_at	-3.32	0.007593	LRRC4C	netrin-G1 ligand [Homo sapiens]
Ssc.21667.1.A1_at	-3.41	0.004578	TMEM154	
Ssc.11437.1.A1_at	-3.43	0.007446	DDIT4L	DNA-damage-inducible transcript 4-like [Homo sapiens]
Ssc.5364.1.S1_at	-3.49	0.008073	FAM78B	PREDICTED: similar to gene
Ssc.22621.1.S1_at	-3.49	0.00047	C4BPA	C4b-binding protein alpha chain precursor
Ssc.11405.1.A1_at	-3.54	0.003242	KCNE3	Potassium voltage-gated channel subfamily E member 3
Ssc.8442.1.A1_at	-3.55	0.005708	STK39	STE20/SPS1-related proline-alanine rich protein kinase
Ssc.17140.1.A1_at	-3.55	0.000835	B4GALT4	Beta-1,4-galactosyltransferase 4
Ssc.6169.1.S1_at	-3.56	0.006027	ECM1	Extracellular matrix protein 1 precursor
Ssc.7176.1.A1_at	-3.57	0.001734	CXCR4	C-X-C chemokine receptor type 4
Ssc.8261.1.A1_at	-3.62	0.003226	CYP2C9	Cytochrome P450 2C9
Ssc.271.1.A1_at	-3.83	0.000324	CD55	Complement decay-accelerating factor precursor (CD55 antigen)
Ssc.18084.1.S1_at	-3.92	0.001605	DNAJC12	DnaJ homolog subfamily C member 12 (J domain containing protein 1)
Ssc.5966.1.A1_at	-4.05	0.006772	CRELD2	
Ssc.22750.1.S1_at	-4.07	0.004842	EVII	Ecotropic virus integration 1 site protein
Ssc.14379.1.A1_at	-4.30	0.001594	SLC8A1	Sodium/calcium exchanger 1 precursor
Ssc.25033.1.A1_at	-4.36	0.004067	IL6ST	Interleukin-6 receptor beta chain precursor
Ssc.17068.1.A1_at	-4.38	0.006227	USP34	ubiquitin specific protease 34 [Homo sapiens]
Ssc.30669.1.A1_at	-4.50	0.001513	FAM3D	Protein FAM3D precursor (UNQ567/PRO1130)
Ssc.18766.2.A1_at	-4.64	0.004322	OLFM4	olfactomedin 4 precursor [Homo sapiens]
Ssc.2087.1.S1_at	-4.66	0.008344	HYOU1	150 kDa oxygen-regulated protein precursor
Ssc.14374.1.A1_at	-4.68	0.002937	GLRA2	Glycine receptor alpha-2 chain precursor
Ssc.11992.1.A1_at	-4.80	0.008672	CLU	Clusterin precursor
Ssc.30320.1.S1_at	-4.80	0.001184	EPB41L4A	Band 4.1-like protein 4A (NBL4 protein)
Ssc.670.1.S1_at	-4.82	0.009723	LYZ	Lysozyme C precursor
Ssc.8767.1.A1_at	-5.00	0.005837	CYP1B1	Cytochrome P450 1B1
Ssc.26445.1.S1_at	-5.03	0.009001	GNE	Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase
Ssc.272.1.S1_a_at	-5.21	0.001518	CD55	Complement decay-accelerating factor precursor (CD55 antigen)
Ssc.9208.2.A1_s_at	-5.36	0.007938	ANKRD10	Ankyrin repeat domain protein 10
Ssc.15518.1.A1_at	-5.57	0.00118	BCL6	B-cell lymphoma 6 protein
Ssc.27507.1.S1_at	-5.67	0.000394	ACOT7	Cytosolic acyl coenzyme A thioester hydrolase
Ssc.178.1.S1_at	-5.68	0.009707	ABO	Histo-blood group ABO system transferase
Ssc.10460.1.S1_at	-5.94	0.000118	BF	Complement factor B precursor
Ssc.658.1.S1_at	-5.95	0.002535	IL8	Interleukin-8 precursor

Ssc.22512.1.S1_at	-6.13	0.002664	NUCB2	Nucleobindin 2 precursor (DNA-binding protein NEFA)
Ssc.23500.1.S1_s_at	-6.27	1.12E-05	SFTPD	Pulmonary surfactant-associated protein D precursor (SP-D) (PSP-D)
Ssc.19393.1.S1_at	-6.45	8.04E-06	DMBT1	deleted in malignant brain tumors 1 isoform b precursor [Homo sapiens]
Ssc.24901.1.A1_at	-6.48	4.72E-05	C20orf118	DJ132F21.2
Ssc.15980.1.S1_at	-6.84	0.001645	LBP	Lipopolysaccharide-binding protein precursor (LBP)
Ssc.25242.1.A1_at	-6.94	0.000703	EHF	ets homologous factor; epithelium-specific ets factor 3 [Homo sapiens]
Ssc.26175.1.S1_at	-7.00	0.001413	PRKCA	Protein kinase C, alpha type
Ssc.21805.1.S1_at	-7.02	7.71E-06	C4BPB	C4b-binding protein beta chain precursor
Ssc.3012.1.S1_at	-7.13	0.003503	UPP1	Uridine phosphorylase 1
Ssc.18766.1.S1_at	-7.39	0.003406	OLFM4	olfactomedin 4 precursor [Homo sapiens]
Ssc.11609.1.A1_at	-7.83	0.003805	ASNS	Asparagine synthetase [glutamine-hydrolyzing]
Ssc.16470.2.A1_at	-7.87	0.000285	REG3A	Pancreatitis-associated protein 1 precursor
Ssc.23981.1.A1_at	-8.31	0.000428	GALNT12	Polypeptide N-acetylgalactosaminyltransferase 12
Ssc.5104.1.S1_at	-8.62	0.004481	NLN1	Nuclear protein 1
Ssc.5545.1.S1_at	-8.70	0.001253	ATP10B	Potential phospholipid-transporting ATPase VB
Ssc.3509.1.S1_at	-8.97	0.009974	HK2	Hexokinase, type II
Ssc.26345.1.S1_at	-9.27	0.007469	F13A1	Coagulation factor XIII A chain precursor
Ssc.823.1.A1_at	-9.30	0.001003	0	57 kDa protein
Ssc.5333.1.S1_at	-9.62	0.002928	TSPAN1	Tetraspanin 1
Ssc.719.1.S1_at	-9.96	0.009659	CXCL6	Small inducible cytokine B6 precursor
Ssc.24188.1.A1_at	-10.68	0.001578	PF4	Platelet factor 4 precursor
Ssc.719.1.S1_a_at	-11.04	0.008798	CXCL6	Small inducible cytokine B6 precursor
Ssc.17026.1.S1_at	-11.91	0.001204	C4A	Complement C4 precursor [Contains: C4a anaphylatoxin]
Ssc.5053.1.S1_at	-13.70	0.00188	CD163	CD163 antigen isoform a; macrophage-associated antigen [Homo sapiens]
Ssc.24282.1.S1_at	-15.96	0.009091	CXCL2	Macrophage inflammatory protein-2-alpha precursor
Ssc.670.2.S1_at	-16.33	0.003248	LYZ	Lysozyme C precursor
Ssc.319.1.S1_at	-17.89	6.77E-05	SFTPD	Pulmonary surfactant-associated protein D precursor
Ssc.18918.1.A1_at	-18.14	0.007145	GPX2	Glutathione peroxidase-gastrointestinal
Ssc.14444.3.A1_a_at	-19.63	7.94E-05	ARG2	Arginase II, mitochondrial precursor
Ssc.21108.1.S1_at	-24.23	3.77E-05	C5	Complement C5 precursor [Contains: C5a anaphylatoxin]
Ssc.19692.1.S1_at	-29.08	0.002108	CXCL2	Macrophage inflammatory protein-2-alpha precursor
Ssc.2381.1.A1_at	-55.48	0.000269	S100A9	Calgranulin B
Ssc.16470.1.S1_a_at	-164.80	0.001167	REG3A	Pancreatitis-associated protein 1 precursor