

Table S1: Down-regulated genes and up-regulated genes in GSE19826

ID	Gene.symbol	Gene.title	log2(fold change)	-log10(Pvalue)
1552448_a_at	FAM167A-AS1	FAM167A antisense RNA 1	-3.328	4.524
1552466_x_at	LINC00161	long intergenic non-protein coding RNA 161	-2.519	3.852
1552755_at	C9orf66	chromosome 9 open reading frame 66	-2.249	3.83
1553074_at	ASB11	ankyrin repeat and SOCS box containing 11	-2.54	4.245
1553131_a_at	GATA4	GATA binding protein 4	-2.067	4.208
1553174_at	JPH2	junctionophilin 2	-2.201	3.608
1554018_at	GPNMB	glycoprotein nmb	1.716	3.889
1554810_at	PLA2G4C	phospholipase A2 group IVC	1.924	3.561
1555018_at	OR2C3	olfactory receptor family 2 subfamily C member 3	-2.95	5.61
1556368_at	PHKG2	phosphorylase kinase catalytic subunit gamma 2	-2.03	3.59
1556903_at	LOC101928335	uncharacterized LOC101928335	-2.709	3.768
1557181_s_at	C11orf87	chromosome 11 open reading frame 87	-2.203	4.797
1560019_at	DLGAP1-AS2	DLGAP1 antisense RNA 2	2.416	4.047
1560725_at	IL12A-AS1	IL12A antisense RNA 1	-2.056	3.645
1564233_at	FLJ33534	uncharacterized LOC285150	-1.748	4.012

1564315_at	C8orf49	chromosome 8 open reading frame 49	-1.662	5.026
1564333_a_at	PSAPL1	prosaposin-like 1 (gene/pseudogene)	-2.807	4.372
1565666_s_at	MUC6	mucin 6, oligomeric mucus/gel-forming	-4.305	3.871
1567013_at	NFE2L2	nuclear factor, erythroid 2 like 2	-1.537	4.133
1568574_x_at	SPP1	secreted phosphoprotein 1	2.908	3.651
1569150_x_at	PDLIM7	PDZ and LIM domain 7	2.396	3.614
1569688_at	FMO5	flavin containing monooxygenase 5	-2.056	3.896
1569900_at	LOC101927533///LOC440867	uncharacterized LOC101927533///uncharacterized LOC440867	-1.672	4.301
1570153_at	CCDC169	coiled-coil domain containing 169	-2.378	4.124
1570627_at	TCEB3	transcription elongation factor B subunit 3	-2.077	3.73
200665_s_at	SPARC	secreted protein acidic and cysteine rich	1.647	5.605
200938_s_at	RERE	arginine-glutamic acid dipeptide repeats	-2.09	4.808
201261_x_at	BGN	biglycan	2.255	4.501
201262_s_at	BGN	biglycan	1.797	4.109

201402_at	GRK2	G protein-coupled receptor kinase 2	-2.015	3.746
201418_s_at	SOX4	SRY-box 4	1.549	4.34
201438_at	COL6A3	collagen type VI alpha 3 chain	1.874	6.335
201508_at	IGFBP4	insulin like growth factor binding protein 4	1.575	4.028
201534_s_at	UBL3	ubiquitin like 3	-1.574	4.487
201666_at	TIMP1	TIMP metalloproteinase inhibitor 1	1.815	4.137
202310_s_at	COL1A1	collagen type I alpha 1 chain	2.241	6.003
202311_s_at	COL1A1	collagen type I alpha 1 chain	2.568	5.434
202404_s_at	COL1A2	collagen type I alpha 2 chain	2.58	6.65
202766_s_at	FBN1	fibrillin 1	1.576	4.065
203083_at	THBS2	thrombospondin 2	2.732	4.156
203381_s_at	APOE	apolipoprotein E	1.839	4.26
203417_at	MFAP2	microfibrillar associated protein 2	2.278	5.867
204051_s_at	SFRP4	secreted frizzled related protein 4	2.471	3.563
204073_s_at	MYRF	myelin regulatory factor	-1.633	3.739
204114_at	NID2	nidogen 2	1.688	4.61
204281_at	TEAD4	TEA domain transcription factor 4	1.964	3.886
204779_s_at	HOXB7	homeobox B7	1.836	4.127

204933_s_at	TNFRSF11B	TNF receptor superfamily member 11b	2.862	3.573
205470_s_at	KLK11	kallikrein related peptidase 11	-2.783	3.705
205574_x_at	BMP1	bone morphogenetic protein 1	2.178	3.879
205580_s_at	HRH1	histamine receptor H1	2.051	4.665
205751_at	SH3GL2	SH3 domain containing GRB2 like 2, endophilin A1	-3.92	3.779
205876_at	LIFR	leukemia inhibitory factor receptor alpha	-3.118	4.416
205941_s_at	COL10A1	collagen type X alpha 1 chain	3.801	4.317
205942_s_at	ACSM3	acyl-CoA synthetase medium-chain family member 3	-2.008	3.882
206469_x_at	AKR7A3	aldo-keto reductase family 7 member A3	-2.344	4.124
207331_at	CENPF	centromere protein F	2.073	3.686
207714_s_at	SERPINH1	serpin family H member 1	2.786	5.824
208321_s_at	CABP1	calcium binding protein 1	-1.924	3.899
208432_s_at	CACNA1E	calcium voltage-gated channel subunit alpha1 E	-1.714	3.88
208850_s_at	THY1	Thy-1 cell surface antigen	1.892	4.342
208851_s_at	THY1	Thy-1 cell surface antigen	1.718	3.818
209652_s_at	PGF	placental growth factor	1.892	4.15
209703_x_at	METTTL7A	methyltransferase like 7A	-1.605	3.802

209955_s_at	FAP	fibroblast activation protein alpha	3.768	5.333
210155_at	MYOC	myocilin	-2.488	3.943
210307_s_at	KLHL25	kelch like family member 25	1.923	5.261
210495_x_at	FN1	fibronectin 1	1.713	4.799
210511_s_at	INHBA	inhibin beta A subunit	4.807	5.391
210619_s_at	HYAL1	hyaluronoglucosaminidase 1	-2.234	4.259
211062_s_at	GPR78///CPZ	G protein-coupled receptor 78///carboxypeptidase Z	3.11	4.66
211161_s_at	COL3A1	collagen type III alpha 1 chain	1.622	4.904
211689_s_at	TMPRSS2	transmembrane protease, serine 2	-1.852	3.797
211709_s_at	CLEC11A	C-type lectin domain family 11 member A	2.115	3.854
211719_x_at	FN1	fibronectin 1	1.718	5.017
212353_at	SULF1	sulfatase 1	2.246	4.215
212354_at	SULF1	sulfatase 1	2.501	4.531
212464_s_at	FN1	fibronectin 1	1.723	4.591
212488_at	COL5A1	collagen type V alpha 1 chain	1.77	6.42
213147_at	HOXA10	homeobox A10	2.652	3.582
213150_at	HOXA10	homeobox A10	3.871	4.703
213553_x_at	APOC1	apolipoprotein C1	1.822	4.411
213869_x_at	THY1	Thy-1 cell surface antigen	1.774	4.092
213905_x_at	BGN	biglycan	2.025	4.764

214502_at	HIST1H2BJ	histone cluster 1, H2bj	1.994	4.348
215077_at	COL3A1	collagen type III alpha 1 chain	2.074	4.077
215100_at	ADTRP	androgen dependent TFPI regulating protein	-1.804	3.627
215140_at			-1.705	3.645
215805_at			-1.981	3.653
215833_s_at	SPPL2B	signal peptide peptidase like 2B	1.687	3.569
216381_x_at	AKR7A3	aldo-keto reductase family 7 member A3	-2.185	4.158
216442_x_at	FN1	fibronectin 1	1.801	5.014
216552_x_at	KIR2DS4	killer cell immunoglobulin like receptor, two Ig domains and short cytoplasmic tail 4	-2.342	3.95
216994_s_at	RUNX2	runt related transcription factor 2	-1.867	3.827
217034_at	LOC101928457	uncharacterized LOC101928457	-2.024	4.38
217187_at	MUC5AC	mucin 5AC, oligomeric mucus/gel-forming	-3.091	6.206
220304_s_at	CNGB3	cyclic nucleotide gated channel beta 3	-2.264	4.115
220405_at	SNTG1	syntrophin gamma 1	-2.232	3.839
220636_at	DNAI2	dynein axonemal intermediate chain 2	-2.119	4.088
220819_at	FRMD1	FERM domain containing 1	-2.065	4.003
221320_at	BCL2L10	BCL2 like 10	-1.729	3.737

221729_at	COL5A2	collagen type V alpha 2 chain	1.501	5.225
222080_s_at	SIRT5	sirtuin 5	-1.6	3.642
223121_s_at	SFRP2	secreted frizzled related protein 2	2.487	3.896
224134_at	MGC10814	uncharacterized protein MGC10814	-1.701	4.318
225571_at	LIFR	leukemia inhibitory factor receptor alpha	-2.5	4.96
226237_at	COL8A1	collagen type VIII alpha 1 chain	2.933	5.311
226306_at	C6orf1	chromosome 6 open reading frame 1	1.891	4.353
226311_at	ADAMTS2	ADAM metalloproteinase with thrombospondin type 1 motif 2	2.851	4.772
226597_at	REEP6	receptor accessory protein 6	2.637	4.454
226695_at	PRRX1	paired related homeobox 1	1.87	4.999
226828_s_at	HEYL	hes related family bHLH transcription factor with YRPW motif-like	1.543	4.049
226997_at	ADAMTS12	ADAM metalloproteinase with thrombospondin type 1 motif 12	2.363	3.964
227140_at	INHBA	inhibin beta A subunit	4.163	5.804
227614_at	HKDC1	hexokinase domain containing 1	2.573	3.86
227771_at	LIFR	leukemia inhibitory factor receptor alpha	-2.088	5.104
228231_at	MIR6836///SNX8	microRNA 6836///sorting nexin 8	2.202	3.864

228703_at	P4HA3	prolyl 4-hydroxylase subunit alpha 3	2.549	4.864
229094_at	ATP6V0E2-AS1	ATP6V0E2 antisense RNA 1	-2.181	3.862
229176_at	ANKH	ANKH inorganic pyrophosphate transport regulator	1.845	4.507
229218_at	COL1A2	collagen type I alpha 2 chain	2.001	5.036
229254_at	MFSD4A	major facilitator superfamily domain containing 4A	-3.914	3.574
229661_at	SALL4	spalt like transcription factor 4	3.063	4.268
230271_at	ONECUT2	one cut homeobox 2	2.665	4.578
230371_at	HPS6	HPS6, biogenesis of lysosomal organelles complex 2 subunit 3	-1.903	4.064
231014_at	TRIM50	tripartite motif containing 50	-2.131	3.846
231646_at	DPCR1	diffuse panbronchiolitis critical region 1	-4.871	4.182
231766_s_at	COL12A1	collagen type XII alpha 1 chain	1.664	4.493
231786_at	HOXA13	homeobox A13	4.338	5.378
232478_at	MIR181A2HG	MIR181A2 host gene	1.981	3.561
232625_at	TLN2	talin 2	-1.638	4.288
232736_s_at	POM121L10P///POM121L8P///POM121L9P	POM121 transmembrane nucleoporin like 10, pseudogene///POM121 transmembrane nucleoporin like 8, pseudogene///POM121	1.886	3.565

		transmembrane nucleoporin like 9, pseudogene		
233184_at	EPHA6	EPH receptor A6	-2.276	3.581
233446_at	ONECUT2	one cut homeobox 2	3.421	5.265
233634_at	MARVELD3	MARVEL domain containing 3	2.074	3.936
233643_at	FAM90A2P///FAM90A25P///FAM86B3P///FAM90A1	family with sequence similarity 90, member A2 pseudogene///family with sequence similarity 90, member A7 pseudogene///family with sequence similarity 86, member A pseudogene///family with sequence similarity 90 member A1	-2.292	5.716
233978_at	PTPRE	protein tyrosine phosphatase, receptor type E	-1.828	4.07
234370_at	VSIG1	V-set and immunoglobulin domain containing 1	-3.523	3.675
234691_at	KRTAP2-1	keratin associated protein 2-1	-1.889	3.574
234999_at	C19orf47	chromosome 19 open reading frame 47	-1.502	3.916
235050_at	SLC2A12	solute carrier family 2 member 12	-1.769	3.567
235638_at	RASSF6	Ras association domain family member 6	-2.11	4.086
236098_at	SMIM6	small integral membrane protein 6	-1.547	3.977

237805_at	LOC729296	uncharacterized LOC729296	-2.088	3.636
238019_at	PLIN5	perilipin 5	-1.774	4.01
238205_at	DCAF12L1	DDB1 and CUL4 associated factor 12 like 1	-2.963	3.613
238481_at	MGP	matrix Gla protein	2.165	4.617
238623_at			1.984	3.997
238663_x_at	GRIA4	glutamate ionotropic receptor AMPA type subunit 4	-3.735	4.533
238862_at	MFSD4A	major facilitator superfamily domain containing 4A	-3.684	4.111
241137_at	DPCR1	diffuse panbronchiolitis critical region 1	-4.212	3.837
241502_x_at			-2.07	3.623
242222_at	LINC01123///LINC01106	long intergenic non-protein coding RNA 1123///long intergenic non-protein coding RNA 1106	1.695	3.983
242913_at	CLIC6	chloride intracellular channel 6	-2.425	3.747
242998_at	RDH12	retinol dehydrogenase 12 (all-trans/9-cis/11-cis)	-2.689	3.569
243749_s_at	MINCR	MYC-induced long noncoding RNA	-1.726	4.175
243764_at	VSIG1	V-set and immunoglobulin domain containing 1	-3.612	3.583