

Significant Latent Factors – Marginals (bold/italic) and Interactions													
Genes Associated with Significant Latent Factors	SFTPA2	HBA2	JUN	CXCL8	ACSL1	X.2395	SPTBN1	IGKC	SELENOW		SCG2		SOD2
	SFTPA1	HBA1	<i>IER2</i>	<i>IL1B</i>	ACSL4	RNA5.8SP6	MYH9	IGLC2	CRIP1		CHGA		SERPINE1
	HSD17B4	HBB	ZFP36L1	SERPINB2	ALPL	SLC11A2	DPYSL2	IGKV1D.39	MYL6		SCN3A		ICAM1
	ELOA	PLTP	TGFBR1	CXCL5	SDR16C5	LPIN2	SPTAN1	IGLV1.47	MYL12B	FCN1	MSMO1	CENPF	IL1RL1
	PIGR	ROS1	DUSP1	CEP170	TFPI	OAZ1	HEG1	IGLV3.21	VAMP8	MNDA	HMGCS1	CPE	DDX21
	DBI	HTRA1	TSC22D3	CBL	RAB27A	SLC25A6	CAVIN1	IGKV4.1	PBXIP1	ARHGDIb	CYP51A1	COTL1	CDKN1A
	LAMP3	ITGB6	CITED2	RAPH1	SPTSSA	CFLAR	MAP4	IGLV2.23	CYB5A	ANXA3	INSIG1	PFKFB2	TIPARP
	SCD	LRRK2	MICAL2	ARHGEF2	SLC11A2	MP RIP	SYNPO	IGLV1.51	UBB	IL4R	HMGCR	ZNF292	HIVEP2
	ALDH1A1	CFI	EDN1	LIMK2	AASS	LIMK2	MYO1C	IGLV2.8	PRDX1	NUP58	FDPS	XPR1	PFKFB3
	MID1IP1	BCL2L1	SLC43A3	USP32	IRAK3	ATP6V0D1	RBMS2	PIM2	S100A6	PLEKHO2	FADS1	RYR2	B4GALT5
	FCN3	FCN3	FCN3	BTNL9	FCN3	FCN3	FCN3	FCN3	BTNL9	PEA15	IDI1	BTNL9	S100A4
	BTNL9	BTNL9	BTNL9	NPR3	BTNL9	BTNL9	BTNL9	BTNL9	NPR3	MYL12A	ACSS2	SLC39A8	EHD1
	SLC39A8	SLC39A8	NUPR1	NUPR1	SLC39A8	SLC39A8	NPR3	SLC39A8	STX11	CYBB	SARS1	NPR3	TNFSF10
	NPR3	NUPR1	S100A4	S100A4	S100A4	NPR3	TBX3	NPR3	TBX3	BTNL9	FCN3	NUPR1	CHI3L2
	S100A4	S100A4	ANXA3	ANXA3	MGAM	NUPR1	MGAM	S100A4	CHI3L2	NPR3	BTNL9	S100A4	PALM2AKAP2
	MGAM	TBX3	STX11	STX11	GPX3	S100A4	TNFSF10	STX11	PTPRB	NUPR1	SLC39A8	ANXA3	IL18R1
	GPX3	MGAM	TBX3	TBX3	IDI1	STX11	PALM2AKAP2	TBX3	PALM2AKAP2	S100A4	NPR3	TBX3	MCEMP1
	TNFSF10	GPX3	MGAM	MGAM	CRTAC1	TBX3	MPEG1	MGAM	MPEG1	STX11	NUPR1	GPX3	PEBP4
	CHI3L2	FADS1	GPX3	GPX3	CD36	MGAM	RTKN2	FADS1	CRTAC1	MGAM	STX11	FADS1	CLIC2
	PTPRB	TNFSF10	FADS1	TNFSF10	RTKN2	GPX3	PRKCE	TNFSF10	CD36	GPX3	TBX3	TNFSF10	HHIP
1	6	14	21	24	44	45	46	50	51	56	61	78	