

Significant Latent Factors – Marginals (bold/italic) and Interactions																	
Genes Associated with Significant Latent Factors	COL4A1	SELENOP	HBA2	WDR74	ADAMTS9	LAMB1	C1QB	TNFAIP3	SELENOW	KIT	MUC5AC	SCG2					
	COL4A2	ADH1B	HBA1	ZNF354B	PTX3	LAMA2	C1QC	PTGS2	X.2395	CRIP1	CPA3	MSMB	CHGA				
	PXDN	SH3D19	HBB	HBB	ADAMTS4	PDGFRA	H1.2	C1QA	CSF3	RNA5.8P6	HSBP1	FCN1	TPSAB1	ABCA13	SCN3A		
	MCAM	PIK3IP1	PLTP	PLCG2	SLC7A2	LAMC1	H1.4	SLCO2B1	IL6	VEGFA	FXYD3	MNDA	TPSB2	GSTA1	CENPF		
	SPARC	IGSF10	GPX1	MYH10	ATP13A3	VCL	H1.10	MARCO	LIF	LENG8	CAMK1D	MPEG1	ENTPD1	MSMO1	SLPI	RYR2	
	MICAL2	RBL2	MACROH2A1	COX7A2	MTHFD2	FOXO3	CREG1	MRC1	SLC7A11	SLC25A6	DYNLL1	PLXNC1	CD4	HMGCS1	BPIFB1	CPE	
	PHLDB1	TXNIP	ROS1	PSMA6	OTUD4	NID1	CCNG1	GAA	CXCL1	CEBPB	CHURC1	ARHGDI1	GUCY1A1	CYP51A1	HMGB3	SEC11C	
	COL12A1	CREBRF	LRRK2	RPS9	THBS1	PDGFRB	H1.0	FCGR3A	BIRC3	TNS3	PSD3	COTL1	A2M	INSIG1	CSRNP1	COTL1	
	F2R	CDKN1B	ACACA	GSTO1	SLC7A5	PTPRG	BRI3	VSIG4	PPP1R15A	NTN4	CYB5A	GBP2	ROBO1	HMGCR	CES1	PEG10	
	SHROOM4	CD302	BCL2L1	H4C12	SLC39A14	STON1	SLC25A6	PLBD1	BTG3	BRI3	EIF4A2	CYBB	ADA2	FDPS	LYZ	ZNF292	
	BTNL9	IDI1	S100A4	NUPR1	BTNL9	VGLL3	IMPDH2	NPR3	NPR3	PATJ	BTNL9	IFITM1	SLC39A8	IDI1	S100A4	SLC39A8	
	SLC39A8	PTPRB	MGAM	TBX3	TBX3	RIPOR2	MGST1	NUPR1	FADS1	FCN3	NUPR1	FYB1	ANXA3	FADS1	NUPR1		
	MGAM	MPEG1	GPX3	IDI1	PALM2AKAP2	SNRK	BTNL9	IDI1	TNFSF10	TBX3	MGAM	FCN3	STX11	SLC39A8	EVI2B	S100A4	
	TNFSF10	CRTAC1	TNFSF10	PTPRB	MPEG1	SARS1	NUPR1	MPEG1	PRKCE	FADS1	CHI3L2	SLC39A8	TBX3	ACSS2	MCEMP1	ANXA3	
	RTKN2	CD36	CD36	RTKN2	RTKN2	FZD5	TBX3	CD36	MCEMP1	EVI2B	PTPRB	NPR3	GPX3	FCN3	ACSS2	EVI2B	
	MME	HHIP	RTKN2	PEBP4	BRI3	SASH1	GPX3	EVI2B	PEBP4	ACSS2	CRTAC1	S100A4	PTPRB	BTNL9	FABP5	BRI3	
	CLDN5	KDR	MCEMP1	FABP5	GBP4	RTN4	TNFSF10	PRKCE	RALA	CLDN5	HHIP	ANXA3	RTKN2	NUPR1	HHIP	MYL12A	
	RALA	MYL12A	PEBP4	HHIP	SEMA3G	TIMP3	MPEG1	MCEMP1	SHE	RALA	CLDN5	MGAM	PRKCE	S100A4	PCDH17	HOPX	
	KDR	PCDH17	FABP5	MYL12A	ANKRD1	SVEP1	CD36	PEBP4	PCDH17	MYL12A	SHE	FADS1	MCEMP1	ANXA3	ANKRD1	DBI	
	ANKRD1	TFPI	HHIP	PCDH17	LAMP3	FERMT2	RTKN2	MME	ANKRD1	CR1	TNFSF10	PEBP4	STX11	VEPH1	DENND3		
31 Significant Latent Factor																	
2	3	6	23	26	28	29	31	34	43	44	50	51	52	56	57	61	