

Significant Latent Factors – Marginals (bold/italic) and Interactions																						
Genes Associated with Significant Latent Factors	MT.CO1		WDR74		X.2395		WARS1		IFI6		COL3A1											
	MT.ND4		HLA.B		ZNF354B		RNA5.8SP6		GBP1		MX1		SCG2		RPS4Y1		COL1A1					
	HBA2	HLA.A	MT.CO3		HLA.C		PLCG2		ELF3		LAP3		OAS3		CHGA		DDX3Y		COL1A2			
	HBA1	AGER	MT.ND5		DDX39B		MYH10		KANK2		IL32		IL1RL1		SAMD9L		SCN3A		USP9Y		COL6A3	
	HBB	PCDH17	MT.CYB		PRRC2A		X.1820		TUBA1A		APOL1		LDLR		IFIT3		CENPF		CD99		CCDC80	
	SPP1	RTKN2	MT.ATP6		HSPA1A		H4C12		TJP2		TAP1		TXNRD1		OAS2		RYR2		PREX2		MYH11	
	HMOX1	EMCN	MT.ND1		RPL9		HBB		DYNLL1		GBP2		MSMO1		CYBB		SEC11C		MMP14		LRP1	
	FTL	BTNL9	MT.ND2		BRD2		FXYD3		SLPI		GBP4		HMGCS1		CD52		CPE		ZFHX3		HSPG2	
	SLC25A37	MACF1	MT.CO2		GPX3		SELENOW		AARS1		PLEK		CYP51A1		PARP9		PEG10		TNXB		CALD1	
	LRRK2	TNFSF10	MT.ATP8		VWF		MSMB		MACROD2		STAT1		INSIG1		CTSC		MEST		ADARB1		C1S	
	SMG1P1	SVEP1	FCN1		CD109		HHIP		VSIR		SLC39A8		HMGCR		NUPR1		SOX4		SRRM2		FCN3	
	GPX1	TNXB	MPEG1		SLC39A8		H2AC18		BRI3		S100A4		IDI1		S100A4		SLC39A8		NKD1		S100A4	
	CD36	PRX	RTKN2		RTKN2		RASSF3		ID1		FCN1		FADS1		GPX3		S100A4		TMTC1		FCN1	
	FABP5	SLC39A8	LYVE1		BRI3		HMOX1		SUN2		VSIR		FCN3		TNFSF10		EVI2B		TGFBR3		TNFSF10	
	FASN	S100A4	NOTCH1		FABP5		GSTO1		DENND3		CHI3L2		BTNL9		RTKN2		BRI3		HLA.E		CD52	
	FCGR3A	FCN1	ARHGEF2		TALDO1		PSMA6		OAZ1		PALM2AKAP2		PRX		EVI2B		MYL12A		CGNL1		ABI3BP	
	PLA2G4F	VSIR	ADIRF		RALA		CERS2		NOTCH1		MPEG1		SLC39A8		BRI3		TKT		HLA.DRA		ITGA5	
	CREG1	GPX3	MAP2		LYVE1		H2AC6		RASSF3		CD36		NUPR1		MME		MAP2		PLPP3		EFEMP1	
	H2AC6	PALM2AKAP2	PLEK		HOPX		TMSB4X		OCLN		PREX1		S100A4		FABP5		ADGRE5		TNS1		F13A1	
	MID1IP1	CD36	PPL		PHACTR1		MGLL		ARHGEF2		PRKCE		STX11		GBP4		TUBB		MYH10		MYO9B	
Significant Latent Factor																						
1	2	3	4	7	13	15	18	19	20	22	24											