

Significant Latent Factors – Marginals (bold/italic) and Interactions																	
Genes Associated with Significant Latent Factors	c.4.HSPA1B	c.4.PDK4	c.8.COL1A1	c.8.ZFP36	c.9.S100A8	c.10.HSPA1B	c.10.DUSP1	c.2.KRT14	c.11.LGALS1	c.9.THBS1	c.12.TPSAB1	c.10.SFN	c.15.CA6	c.16.FOS			
	c.4.HSPA1A	c.6.PI16	c.8.SPARC	c.8.GADD45B	c.9.S100A9	c.10.DNAJB1	c.10.JUN	c.10.KRT14	c.11.VIM	c.11.KRT17	c.12.JUN	c.12.HLADPB1	c.14.ISG15	c.10.KRT10	c.15.CD74	c.16.HES1	
	c.0.KRT14	c.17.FOSB	c.3.CCL2	c.13.NDUFA4L2	c.8.JUN	c.9.S100A12	c.9.HSPH1	c.7.LYZ	c.3.WISP2	c.11.IGFBP7	c.11.KRT16	c.12.GADD45B	c.12.ELF1	c.14.ABCA8	c.14.IFI6	c.15.SAA1	c.14.DMKN
	c.0.KRT5	c.9.HSPB1	c.14.FOSB	c.6.PTGDS	c.8.SOCS3	c.9.EREG	c.7.TNF	c.9.HSPH1	c.3.MFAP5	c.11.S100A6	c.11.KRT6B	c.8.TIMP3	c.12.SELENOK	c.14.GADD45B	c.14.IFI27	c.15.SAA2	c.15.DMKN
	c.16.SAT1	c.3.SAA1	c.17.GPR183	c.7.PTGDS	c.8.DPEP1	c.8.DUSP1	c.9.SERPINB2	c.16.SAT1	c.17.TOB1	c.12.UTS2	c.15.NEAT1	c.10.CCL20	c.15.LTF	c.9.S100A12	c.14.HES1	c.13.SLMAP	c.15.LTF
	c.14.IFI27	c.3.STMN2	c.6.CD74	c.7.XIST	c.13.EGR1	c.9.C1QC	c.0.KRT2	c.14.CEBPD	c.16.CCL2	c.14.KRT1	c.12.TCP1	c.5.POSTN	c.15.SOD2	c.2.APOE	c.14.CYR61	c.14.LY6E	c.15.SOD2
	c.15.TSC22D1	c.5.IGFBP5	c.17.ANXA1	c.7.CCL18	c.13.SYNPO2	c.12.TPSB2	c.9.CCL20	c.9.CCL17	c.7.THBD	c.6.IGFBP6	c.15.ZG16B	c.15.CLDN10	c.14.EGR1	c.4.SNCG	c.4.FGF7	c.15.MALAT1	c.9.S100A12
	c.2.HBB	c.3.TNC	c.17.CCL3	c.0.SPRR1B	c.13.ACTA1	c.5.SOD2	c.12.PLIN2	c.15.TSC22D1	c.8.IER3	c.16.S100A2	c.5.CCL19	c.11.FABP5	c.9.CCL20	c.2.HLADQA1	c.3.TNC	c.13.EGR1	c.9.CCL20
	c.4.FGF7	c.3.CCL2	c.17.HSPB1	c.14.IFITM2	c.3.GPX3	c.3.CRIP1	c.11.KRT2	c.16.CCL2	c.16.FABP5	c.12.AREG	c.16.KRTDAP	c.6.CCL19	c.4.PLN	c.9.SERPINB2	c.7.RGS1	c.17.KLF2	c.15.SLC12A2
	c.3.TPPP3	c.3.APOE	c.7.HSPD1	c.15.SLC12A2	c.13.CEBPD	c.14.DUSP1	c.16.LYPD3	c.15.DCD	c.6.CXCL2	c.6.MYOC	c.7.PTGDS	c.3.IGFBP3	c.12.FOS	c.7.BIRC3	c.4.RGS16	c.6.MYOC	c.15.CD59
	c.14.HES1	c.13.TINAGL1	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.TPPP3	c.6.APOD	c.3.SLPI	c.3.TPPP3	c.7.PLIN2	c.9.AREG	c.3.SLPI	c.3.TPPP3	c.17.HBB
	c.9.CCR7	c.4.RGS5	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.10.KLF6	c.3.DIO2	c.3.TPPP3	c.3.TPPP3	c.3.DIO2	c.3.SLPI	c.15.NEAT1	c.3.SLPI	c.8.TAGLN	c.3.TPPP3	c.3.DIO2	c.4.IFIM1
	c.3.SLPI	c.9.AREG	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.4.CXCL3	c.10.KLF6	c.3.DIO2	c.3.DIO2	c.10.KLF6	c.10.KLF6	c.3.TPPP3	c.3.DI2	c.3.DIO2	c.10.KLF6	c.3.DIO2	c.10.KLF6
	c.3.DIO2	c.7.HBB	c.3.TNC	c.10.KLF6	c.10.KLF6	c.5.IGFBP5	c.4.CXCL3	c.10.KLF6	c.10.KLF6	c.3.TNC	c.10.KLF6	c.13.CCDC80	c.13.CCDC80	c.3.DIO2	c.4.CXCL3	c.10.KLF6	c.10.KLF6
	c.10.KLF6	c.3.SLPI	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.13.CCDC80	c.13.CCDC80	c.3.TNC	c.3.TNC	c.6.CCL19	c.4.CXCL3	c.13.CCDC80	c.11.IFIM3	c.3.TNC	c.3.TNC	c.4.CXCL3	c.10.KLF6
	c.3.TNC	c.3.TPPP3	c.6.CCL19	c.13.CCDC80	c.5.IGFBP5	c.6.CCL19	c.6.CCL19	c.4.CXCL3	c.4.CXCL3	c.3.STC2	c.13.CCDC80	c.4.CXCL3	c.3.STC2	c.3.IGFBP2	c.5.IGFBP5	c.3.STC2	c.4.CXCL3
	c.4.CXCL3	c.10.KLF6	c.3.STC2	c.6.CCL19	c.13.CCDC80	c.3.STC2	c.3.STC2	c.13.CCDC80	c.6.CCL19	c.3.IGFBP2	c.3.IGFBP2	c.13.CCDC80	c.3.WIF1	c.13.CCDC80	c.5.IGFBP5	c.13.CCDC80	c.6.CCL19
	c.13.CCDC80	c.4.CXCL3	c.3.IGFBP2	c.3.GSN	c.6.CCL19	c.3.IGFBP2	c.3.WIF1	c.6.CCL19	c.3.STC2	c.2.CLU	c.3.IGFBP2	c.3.STC2	c.3.WIF1	c.6.CCL19	c.2.CLU	c.4.ISG15	c.13.CCDC80
	c.6.CCL19	c.13.CCDC80	c.2.CLU	c.3.WIF1	c.3.STC2	c.2.CLU	c.3.IFI6	c.3.STC2	c.3.IGFBP2	c.3.GSN	c.3.WIF1	c.3.IGFBP2	c.3.IFI6	c.3.STC2	c.3.GSN	c.6.CCL19	c.3.STC2
	c.3.STC2	c.6.CCL19	c.3.GSN	c.3.IFI6	c.3.IGFBP2	c.3.GSN	c.1.APOE	c.3.IGFBP2	c.2.CLU	c.3.WIF1	c.3.IGFBP2	c.3.WIF1	c.2.CLU	c.3.WIF1	c.8.TIMP3	c.2.CLU	c.3.STC2