

Significant Latent Factors – Marginals (bold/italic) and Interactions

Genes Associated with Significant Latent Factors	c.0.TCHH		c.3.DCD		c.5.PTGDS	c.3.MT1X	c.4.PDK4	c.7.CCL3L1	c.8.COL1A1	c.8.ZFP36	c.7.HLADQA2	c.9.HSPA1A	c.10.DUSP1	c.2.KRT14	c.0.IFI27	c.11.LGALS1	c.0.HSPA1A	c.12.CD69	c.12.CCL2	c.12.ZNF331	c.13.DUSP1	c.14.PTGDS	c.14.ISG15	c.13.RGS5	c.10.SFN	c.15.KRT14		c.16.FOS	c.9.HSPD1		
	c.0.KRT14	c.1.KRT1		c.3.MUCL1	c.3.PRSS23	c.5.CXCL14	c.4.MT1X	c.6.PI16	c.7.CCL4L2	c.8.SPARC	c.8.GADD45B	c.9.HLADQA2	c.9.HSP90AA1	c.10.JUN	c.10.KRT14	c.1.IFI27	c.11.VIM	c.0.HSPA1B	c.12.TNFAIP3	c.12.DUSP14	c.12.NR4A2	c.13.CYR61	c.14.DCN	c.14.IFI6	c.13.TIMP3	c.10.KRT10	c.15.LY6D	c.15.CA6	c.16.HES1	c.9.HSPE1	
	c.0.KRT5	c.1.DMKN		c.8.TIMP3	c.3.SERPINE2	c.5.APOD	c.5.MT1X	c.7.CCL18	c.2.APOE	c.13.CEBPD	c.8.JUN	c.12.ADCYAP1	c.9.HSPH1	c.7.LYZ	c.16.FABP5	c.11.IFI27	c.11.IGFBP7	c.1.HSPA1A	c.10.CCL5	c.16.SPINK5	c.8.POSTN	c.17.GZMB	c.12.ADCYAP1	c.14.IFI27	c.14.FOS	c.14.DMKN	c.15.KRT5	c.15.CD74	c.7.PTGDS	c.10.HSPA1A	
	c.0.KRT17	c.13.CEBPD		c.8.THBS4	c.4.IER3	c.16.DCD	c.6.MT1X	c.7.PTGDS	c.7.S100A9	c.6.PTGDS	c.8.SOCS3	c.17.ANXA1	c.9.CCL22	c.16.FABP5	c.3.MFAP5	c.3.CRIP1	c.11.S100A6	c.1.HSPA1B	c.8.POSTN	c.16.S100A7	c.10.CCL5	c.13.SLMAP	c.17.ANXA1	c.14.LY6E	c.14.ZFP36	c.15.DMKN	c.15.S100A2	c.10.CCL20	c.17.HSPB1	c.10.HSP90AA1	
	c.4.FGF7	c.6.PTGDS	c.3.SAA1	c.15.LTF	c.4.IL6	c.15.CLDN10	c.8.MT1X	c.12.AC020571.1	c.14.IFITM2	c.13.NDUFA4L2	c.9.C1QC	c.12.PPP1R15A	c.16.S100A6	c.3.PLA2G2A	c.3.WISP2	c.14.IFI27	c.3.MFAP5	c.11.HSPA1A	c.12.AP3S1	c.13.TINAGL1	c.10.CSF2	c.13.ACTC1	c.12.PPP1R15A	c.9.HSPH1	c.14.SOCS3	c.15.KRT1	c.6.IGFBP6	c.7.CCL18	c.2.SELE	c.10.HSPH1	
	c.16.SAT1	c.13.ACTA1	c.3.STMN2	c.6.PTGDS	c.4.C11orf96	c.14.CYR61	c.17.CCL4L2	c.9.S100A12	c.7.G0S2	c.13.ACTA1	c.8.DUSP1	c.12.BIRC3	c.9.CXCL1	c.3.GSN	c.6.IGFBP6	c.7.CRIP1	c.3.WISP2	c.11.HSPA1B	c.10.CSF2	c.16.AREG	c.12.AP3S1	c.13.EGR1	c.14.CYR61	c.13.SLMAP	c.14.ATF3	c.9.S100A12	c.3.MFAP5	c.14.MGP	c.1.FGFBP1	c.10.HSP90AB1	
	c.8.ASPN	c.13.NDUFA4L2	c.5.IGFBP5	c.13.CEBPD	c.4.NNMT	c.13.DCN	c.3.GPX3	c.0.SPRR1B	c.7.CCL2	c.13.EGR1	c.12.TPSB2	c.17.CD52	c.17.CCL3	c.1.FGFBP1	c.3.PLA2G2A	c.12.PPP1R15A	c.13.CRIP1	c.17.HSP90AB1	c.8.THBS4	c.13.CRIP1	c.8.THBS4	c.13.APOE	c.6.IGFBP6	c.13.APOE	c.14.DNAJB1	c.14.KRT1	c.3.WISP2	c.12.PPP1R15A	c.16.S100A2	c.10.CACYBP	
	c.5.CFH	c.13.ACTC1	c.3.TNC	c.13.ACTA1	c.4.CEBPD	c.16.CCL2	c.17.TOB1	c.8.CXCL2	c.12.LGALS1	c.13.ACTC1	c.16.MYC	c.2.APOE	c.17.HSPA6	c.1.ID3	c.13.CRIP1	c.16.SPRR1B	c.16.FGFBP1	c.10.HSPA6	c.12.BIRC3	c.1.FGFBP1	c.14.IRF1	c.13.ACTA1	c.6.MYOC	c.3.POSTN	c.13.SNCG	c.14.SFN	c.3.COMP	c.16.SPRR1B	c.9.CXCL1	c.17.HSPA1A	
	c.7.CCL2	c.13.EGR1	c.16.KRT75	c.13.ACTC1	c.4.IGFBP4	c.10.CCL20	c.10.CCL5	c.4.CCL2	c.7.RGS1	c.8.DPEP1	c.3.CRIP1	c.12.AP3S1	c.1.CCL2	c.12.CCL4L2	c.4.PLN	c.17.GZMB	c.16.DCD	c.9.HSPA6	c.12.PPP1R15A	c.13.ACTC1	c.12.BIRC3	c.15.CLDN10	c.12.BIRC3	c.5.CFD	c.2.HLADQA1	c.9.EREG	c.12.AREG	c.16.LY6D	c.6.SFRP4	c.17.HSP90AA1	
	c.8.IGFBP5	c.13.SYNPO2	c.4.RGS5	c.13.NDUFA4L2	c.6.CXCL2	c.7.S100A9	c.8.THBS4	c.7.XIST	c.10.CCL5	c.13.SLMAP	c.14.FOSB	c.16.KRT75	c.7.HMOX1	c.12.UTS2	c.3.COMP	c.6.DIO2	c.15.NEAT1	c.17.GZMB	c.3.GPX3	c.14.IFI27	c.10.CCL4	c.4.CCL2	c.13.HES1	c.7.HSPD1	c.14.HES1	c.15.KRT10	c.13.CRIP1	c.3.TPPP3	c.12.LGALS1	c.17.HSPH1	
	c.13.SLMAP	c.3.SLPI	c.9.CCR7	c.3.SLPI	c.12.LGALS1	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.3.SLPI	c.15.CD164	c.3.SLPI	c.3.SLPI	
	c.3.SLPI	c.3.TPPP3	c.13.TINAGL1	c.3.TPPP3	c.3.SLPI	c.3.TPPP3	c.3.TPPP3	c.3.DIO2	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.TPPP3	c.3.SLPI	c.3.TPPP3	c.3.TPPP3
	c.3.TPPP3	c.10.KLF6	c.13.CLU	c.3.DIO2	c.3.TPPP3	c.3.DIO2	c.3.DIO2	c.10.KLF6	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.10.KLF6	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.10.KLF6	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2	c.3.DIO2
	c.3.DIO2	c.3.TNC	c.9.AREG	c.10.KLF6	c.3.DIO2	c.10.KLF6	c.10.KLF6	c.4.CXCL3	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.3.TNC	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.3.TNC	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6	c.10.KLF6
	c.10.KLF6	c.4.CXCL3	c.3.SLPI	c.3.TNC	c.10.KLF6	c.3.TNC	c.3.TNC	c.5.IGFBP5	c.3.TNC	c.3.TNC	c.3.TNC	c.4.CXCL3	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.5.IGFBP5	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC	c.3.TNC
	c.3.TNC	c.5.IGFBP5	c.3.TPPP3	c.4.CXCL3	c.3.TNC	c.4.CXCL3	c.4.CXCL3	c.13.CCDC80	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.5.IGFBP5	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.13.CCDC80	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3	c.4.CXCL3
c.4.CXCL3	c.13.CCDC80	c.3.DIO2	c.5.IGFBP5	c.4.CXCL3	c.5.IGFBP5	c.13.CCDC80	c.6.CCL19	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.13.CCDC80	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.6.CCL19	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.13.CCDC80	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	c.5.IGFBP5	
c.5.IGFBP5	c.6.CCL19	c.10.KLF6	c.13.CCDC80	c.5.IGFBP5	c.13.CCDC80	c.6.CCL19	c.3.STC2	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.3.STC2	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.6.CCL19	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	c.13.CCDC80	
c.13.CCDC80	c.3.STC2	c.4.CXCL3	c.6.CCL19	c.13.CCDC80	c.6.CCL19	c.3.STC2	c.3.IGFBP2	c.6.CCL19	c.6.CCL19	c.6.CCL19	c.3.STC2	c.3.STC2	c.6.CCL19	c.6.CCL19	c.6.CCL19	c.6.CCL19	c.6.CCL19	c.3.IGFBP2	c.6.CCL19	c.6.CCL19	c.6.CCL19	c.6.CCL19	c.6.CCL19	c.3.STC2	c.3.STC2	c.3.STC2	c.6.CCL19	c.3.STC2	c.6.CCL19	c.6.CCL19	
c.6.CCL19	c.3.IGFBP2	c.13.CCDC80	c.3.STC2	c.6.CCL19	c.3.STC2	c.3.IGFBP2	c.2.CLU	c.3.STC2	c.3.STC2	c.3.STC2	c.3.IGFBP2	c.3.IGFBP2	c.3.STC2	c.3.STC2	c.3.STC2	c.3.STC2	c.3.STC2	c.2.CLU	c.3.STC2	c.3.STC2	c.3.STC2	c.3.STC2	c.3.IGFBP2	c.3.IGFBP2	c.3.STC2	c.3.IGFBP2	c.3.STC2	c.3.STC2	c.3.STC2	c.3.STC2	
1	5	12	14	18	27	31	37	40	45	49	52	54	65	66	68	70	72	82	87	90	95	98	100	104	108	112	113	124	127		
Significant Latent Factor																															