

Significant Latent Factors – Marginals (bold/italic) and Interactions																									
Genes Associated with Significant Latent Factors	c.2.IL6	c.5.COL1A1	c.10.CCL20	c.0.PLCG2	c.13.DES	c.0.LGALS7B	c.0.HBB	c.0.HSPA1A	c.17.KLRB1																
	c.2.CSF3	c.2.ID1	c.8.DUSP1	c.11.KRT16	c.1.PLCG2	c.1.LGALS7B	c.0.HBA2	c.0.HSPA1B	c.17.LTB																
	<b>c.0.KRT6B</b>	c.11.AREG	c.13.MT1X	c.2.MTND3	c.8.ZFP36	c.11.KRT17	c.10.HSPA1B	<b>c.0.IFI27</b>	c.11.PLCG2																
	<b>c.0.KRT6C</b>	c.5.CEBPD	c.17.STK4	c.3.DCD	c.6.CTHRC1	c.8.MTND3	c.8.GADD45B	c.2.HLADRB5	c.13.PCP4																
	<b>c.3.CFD</b>	c.9.CCL20	c.15.HSPA1B	c.3.MUCL1	c.1.KRT15	c.15.KRT10	c.8.JUN	c.7.HLADRB5	c.11.LGALS7B																
	<b>c.4.PHLDA1</b>	c.16.FABP5	c.2.SOD2	c.8.TIMP3	c.3.MGP	c.17.MTND3	c.8.SOCS3	c.9.HLADRB5	<b>c.16.KRT1DAP</b>																
	<b>c.5.POSTN</b>	c.8.COMP	c.10.CCL4	c.8.THBS4	c.15.CD59	c.8.APOD	c.9.C1QC	c.13.CFD	c.10.HBA2																
	<b>c.5.ACTA2</b>	c.12.FOS	c.14.PCSK2	c.2.FN1	c.4.INHBA	c.7.CCL3L1	c.8.HES1	c.7.CCL20	c.16.FABP5																
	<b>c.11.KRT6B</b>	c.5.CFD	c.13.RGS5	c.4.CCL19	c.14.CFD	c.7.CCL4L2	c.12.RGS1	c.14.FOSB	c.9.AC020656.1																
	<b>c.1.KRT15</b>	c.10.DUSP1	c.16.CCL2	c.13.SYNPO2	c.14.MBP	c.7.SOD2	c.12.TSC22D3	c.8.CCL2	c.10.HSPA6																
	<b>c.13.CCDC80</b>	c.3.STMN2	c.9.CXCL1	c.1.APOE	c.3.STMN2	c.14.CCL2	c.12.ID2	c.12.CPA3	c.12.CPA3																
	<b>c.12.PPP1R15A</b>	c.10.KLF6	c.3.GSN	c.8.CTHRC1	c.10.FOS	c.14.IFITM2	c.8.POSTN	c.4.IFITM1	c.1.APOE																
	<b>c.3.STMN2</b>	c.13.CCDC80	c.1.APOE	c.13.ACTA1	c.10.KLF6	c.7.RGS1	c.7.CCL20	c.3.STMN2	c.17.ANXA1																
	<b>c.10.TXNIP</b>	c.6.CCL19	c.3.WISP2	c.3.STC2	c.3.SAA1	c.2.APOE	c.14.CCDC80	c.13.RGS5	c.17.GPR183																
	<b>c.10.KLF6</b>	c.3.STC2	c.4.TCIM	c.3.MRPS6	c.3.TNC	c.17.TXNIP	c.6.CXCL9	c.6.CCL19	c.13.CCDC80																
	<b>c.3.SAA1</b>	c.3.GSN	c.14.IER3	c.7.LYZ	c.6.CCL19	c.9.TNFAIP6	c.4.TCIM	c.3.GSN	c.0.S100A2																
	<b>c.3.IGFBP2</b>	c.1.APOE	c.7.LYZ	c.17.MTCO1	c.3.STC2	c.13.HES1	c.16.MYC	c.3.WIF1	c.17.GPR183																
	<b>c.2CLU</b>	c.10.FOSB	c.17.MTCO1	c.4.PLN	c.3.IGFBP2	c.9.HSPB1	c.11.KRT6B	c.3.MMP11	c.17.MTCO1																
	<b>c.3.WIF1</b>	c.0.S100A2	c.4.PLN	c.13.FLNA	c.2.CLU	c.7.BIRC3	c.12.CPA3	c.2.RBP7	c.15.UQCRH																
	<b>c.3.POSTN</b>	c.4.TCIM	c.2.SELE	c.3.GPX3	c.3.GSN	c.1.HSPA6	c.13.CTGF	c.2.CCL14	c.10.DUSP1																
	<b>c.17.MTCO1</b>	c.10.FOSB	c.17.MTCO1	c.4.PLN	c.3.IGFBP2	c.9.HSPB1	c.11.KRT6B	c.3.MMP11	c.17.MTCO1																
	<b>c.16.IFITM2</b>	c.11.KRT16	c.13.MT1X	c.2.MTND3	c.8.ZFP36	c.11.KRT17	c.10.HSPA1B	c.13.PCP4	c.16.IFITM2																
	<b>c.15.KRT1DAP</b>	c.11.KRT16	c.13.MT1X	c.2.MTND3	c.8.ZFP36	c.11.KRT17	c.10.HSPA1B	c.13.PCP4	c.16.IFITM2																
	<b>c.16.KRT10</b>	c.12.APOD	c.13.RERGL	c.10.KRT10	c.16.LGALS7B	c.11.LGALS7B	<b>c.16.KRT1</b>	c.1.HBB	c.16.FOS																
	<b>c.14.SFN</b>	c.12.BIRC3	c.13.CYR61	c.14.SFN	c.12.BIRC3	c.13.CYR61	<b>c.16.KRT10</b>	c.2.HBB	c.16.HES1																
	<b>c.12.LUM</b>	c.13.CXCL14	c.14.DMKN	c.17.CD52	c.12.CXCL14	c.14.DMKN	<b>c.16.CYP1B1</b>	c.2.HBA2	c.12.UTS2																
	<b>c.14.BIRC3</b>	c.13.CXCL14	c.17.CD52	c.12.CXCL14	c.14.DMKN	c.17.CD52	<b>c.16.CYP1B1</b>	c.5.ACTA2	c.12.UTS2																
	<b>c.13.TPM1</b>	c.16.CXCL14	c.17.HLADQB1	c.15.ZG16B	c.13.TPM1	c.16.CXCL14	<b>c.15.ZG16B</b>	c.3.HBB	c.2.DNAJB1																
	<b>c.14.KRT14</b>	c.17.HLADQB1	c.15.ZG16B	c.13.TPM1	c.14.KRT14	c.17.HLADQB1	<b>c.15.ZG16B</b>	c.17.CCL4	c.5.CRYAB																
	<b>c.16.KRT15</b>	c.13.SMTN	c.15.DMKN	c.16.KRT15	c.13.SMTN	c.15.DMKN	<b>c.15.ZG16B</b>	c.2.HSP90AA1	c.5.CRYAB																
	<b>c.15.DMKN</b>	c.16.KRT15	c.13.SMTN	c.13.SMTN	c.15.DMKN	c.16.KRT15	<b>c.15.ZG16B</b>	c.2.HSP90AA1	c.5.CRYAB																
	<b>c.16.KRT15</b>	c.13.SMTN	c.15.DMKN	c.16.KRT15	c.13.SMTN	c.15.DMKN	<b>c.15.ZG16B</b>	c.2.HSP90AA1	c.5.CRYAB																
	<b>c.13.CCDC80</b>	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.12.CCL2</b>	c.14.XIST	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.14.CCD80</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.15.DCD</b>	c.14.XIST	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.16.KSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.17.HSPA6</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.18.KL6B</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.19.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.20.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.21.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.22.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.23.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.24.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.25.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.26.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.27.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.28.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.29.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.30.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.31.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.32.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.33.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.34.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.35.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.36.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.37.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	c.10.KLF6	c.13.CCDC80	<b>c.15.ZG16B</b>	c.10.TXNIP	c.15.NEAT1																
	<b>c.38.HSPB1</b>	c.13.CCDC80	c.10.KLF6	c.13																					