domain	term.id	term name	term.size(T)	query.size(Q)	overlap.size(Q&T)	adjusted.p-value	(Q∩T)/T	(Q∩T)/Q	local.hierarchy.depth	participated.genes
tf	TF:M00776_0	Factor: SREBP; motif: VNNVTCACCCYA; match class: 0	13434	363	273	0.00457	0.752	0.02	1	HCAR2,CLEC4E,H2-M2,CD8B1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,CXCL9,H2-Q7,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,H2-Q6,H2-EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,GM4951,GIMAP3,IFI207,ZBP1,CSF2RB2,CD52,LRG1,LYZ2,CD4,CCL12,CSF2RB,H2-OA,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GBP2,ACAP1,BST2,TLR1,H2-T23,CTSS,TAGAP,GBP6,A2M,FYB,C3AR1,C4B,CD84,LAT,ITGB2,CD48,SERPINA3N,ARHGAP9,OASL2,MPEG1,CCR2,RAC2,CRYBA4,TLR2,HCK,NAIP2,GBP5,THEMIS2,XDH,IL21R,LTB,SLAMF9,MYO1F,ICAM1,TLR7,TTR,OAS2,PYCARD,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,FCGR3,FCGR1,LCP2,TNFSF13B,C1QB,ADGRE1,FCER1G,APOBEC3,TLR9,DLK1,IL10RA,GALNT15,NEURL3,CH25H,P2RY6,FCGR2B,C1QC,LST1,NAIP5,SPI1,SASH3,ICOSL,IRF1,SNX20,PTPN6,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,CAPG,DOCK2,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,STAT1,LY86,BLNK,CD37,RAB32,FGL2,F13A1,HK2,DDX60,GFAP,CD68,ADAP2,CCDC88B,PLA1A,CTSH,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,MAFB,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,PRKCD,IL1A,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,TAP2,XAF1,IFI27L2A,VWF,PDZPH1,TRIM12A,FAM111A,PIK3R6,H2-T22,CCR5,BTK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,CEBPA,NFAM1,APOC1,SP140,IFITM3,ECM1,CMTM7,TMEM173,SP100,RIN3,CD53,ADM,TOR3A,RASD1,TGM2,UBE2L6,CTSZ,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3
tf	TF:M01163_0	Factor: Elk-1; motif: AACCGGAAGTR; match class: 0	10342	256	158	0.0463	0.617	0.015	1	HCAR2,CLEC4E,CD8B1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,H2-Q7,CCL8,IFI204,FCGR4,LCN2,H2-AA,CYBB,H2-Q6,H2-EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,CSF2RB2,CD52,LRG1,LYZ2,CD4,CCL12,CSF2RB,TGTP2,H2-OA,IL2RG,H2-Q4,H2-K1,MS4A7,LGALS3,MS4A6D,PSMB8,H2-D1,TAP1,SPINT1,BPIFB4,TGTP1,PSMB9,B2M,SLC11A1,MS4A6B,GIMAP4,IRF7,ACAP1,BST2,TLR1,FYB,CD84,ELF4,C1RA,LAT,ITGB2,ST14,CD48,ARHGAP9,RAC2,CRYBA4,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,XDH,IL21R,TLR12,CD274,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,OAS2,NCF1,PYCARD,TMEM252,CCL6,C1S1,PLD4,LRRC25,CXCL16,FCGR3,LCP2,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,RHOH,SP110,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,LST1,SPI1,ACP5,SNX20,PTPN6,FERMT3,ADCY7,CD163,CRYBB1,UGT1A7C,NGP,CTSC,AIF1,LAG3,CD86,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,DOCK2,H2-DMA,ARHGAP45,HAVCR2,TNFAIP8L2,ALOX5AP,STAT1,LY86,BLNK,NUAK2,CD37,RAB32,F13A1,ARHGAP25,DDX60,CD68,ADAP2,CCDC88B,PLA1A,GBP7,SEPT1,LY6A,ADORA3,GBP9,ASPG,TSPO,HIST1H4H
tf	TF:M00658_0	Factor: PU.1; motif: WGAGGAAG; match class: 0	11238	485	307	0.00581	0.633	0.027	1	HCAR2,CLEC4D,CLEC4E,CD8B1,GZMB,CCL1,CCL5,CXCL9,H2-Q7,FCGR4,H2-AB1,H2-AA,CYBB,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,NLRC5,IFI209,GM4951,IFI207,CD52,CD4,IGTP,CSF2RB,IIGP1,H2-OA,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,AB124611,ITGAL,PSMB8,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,EPSTI1,PSMB9,IRGM2,GIMAP4,CLEC12A,BST2,H2-DMB1,TLR1,H2-T23,TAGAP,CLEC4A2,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,CCR2,RAC2,CRYBA4,ITGB7,TLR2,HCK,SLFN8,PLAC8,THEMIS2,OASL1,C5AR1,LGALS3BP,IL21R,CD274,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,TTR,OAS2,NCF1,TNFAIP2,TMEM252,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,WAS,CD44,C1QB,ADGRE1,TLR9,RHOH,IL10RA,GALNT15,NEURL3,P2RY6,FCGR2B,HCLS1,C1QC,LST1,RTP4,USP18,SNX20,TNFRSF1B,UGT1A7C,NGP,CTSC,LAG3,CYP26B1,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,HIF3A,CAPG,DOCK2,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,PLCG2,NUAK2,CD37,RAB32,FGL2,CP,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,MAFB,PIK3CG,DHX58,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,CAPN3,TMEM106A,FGD2,PARVG,MAFF,MLPH,PTPN22,PARP9,BIRC3,DTX3L,CD14,ABCC3,NCKAP1L,CD300A,TYROBP,FGFBP1,CBR2,RHBDF2,PARP10,PRODH,TAP2,LAPTM5,VWF,KLHL6,PDZPH1,TRIM12A,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,UBA7,IFIT3,CEBPA,NFAM1,IRF9,RAB20,OSMR,IFITM3,ECM1,CMTM7,SP100,CD53,ADM,TOR3A,RASD1,FOLH1,TGM2,GLIPR2,CTSZ,BIN2,SLCO4A1,PSTPIP1,SH3BP2,MERTK,ITIH3,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,FOS,EGR4,MYOC,KLK6,COL28A1,STOML3,BC049352,CYP2E1,FCRLS,CFB,LY6C2,HP,GPR84,FBLIM1,ARL11,TEKT4,IFI203,CCL9,PRR5L,ANG,SLC22A18,LTBP2,I830077J02RIK,LIPH,CMKLR1,AI467606,PLBD1,GPR65,CCRL2,PTGER4,HK3,AA467197,DOK1,IL3RA,CYP4F18,XLR,LRMP,BATF2,SIGLECE,GBGT1,LY6G5B,B3GNT3,PLAUR,FAM26F,GPX6,PON3,GFY,LAT2,GBP8,CCL17,SLC38A8,ACBD7,MMP2,CD247,F10,APOL9A,TRIM14,BCL3,NPPC,CRHR2,GPR35,ALDH1A7,UNC13D,CCL2,UPK1B,VMO1,SLAMF8,CAMP,PSD4
tf	TF:M00658_1	Factor: PU.1; motif: WGAGGAAG; match class: 1	4252	495	156	0.00000163	0.315	0.037	2	HCAR2,GZMB,CCL1,CXCL9,H2-Q7,FCGR4,CYBB,H2-Q6,TSPAN32,PIRB,LY9,GM4951,IFI207,CD4,IGTP,IIGP1,H2-OA,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,AB124611,ITGAL,H2-D1,TAP1,CLEC4A1,PSMB9,IRGM2,GIMAP4,CLEC12A,TAGAP,LAT,SERPINA3N,S100A9,CRYBA4,ITGB7,HCK,SLFN8,PLAC8,THEMIS2,OASL1,C5AR1,LGALS3BP,IL21R,CD274,CD300C2,ICAM1,CSF3R,TLR13,TNFAIP2,C1S1,TRIM30A,FCGR3,FCGR1,C1QB,ADGRE1,TLR9,LST1,SNX20,UGT1A7C,CTSC,LAG3,CYP26B1,VAV1,ARHGAP30,PIK3R5,HIF3A,CAPG,ARHGAP45,ALOX5AP,NUAK2,CD37,RAB32,CP,ARHGAP25,CD68,LAIR1,CCDC88B,PLA1A,CTSH,GBP7,SEPT1,LY6A,GBP9,LSP1,PIK3CG,PRKCD,IL1A,CAPN3,PARVG,MLPH,PTPN22,PARP9,BIRC3,DTX3L,CD14,TYROBP,RHBDF2,PARP10,LAPTM5,VWF,PDZPH1,H2-T22,BTK,IL1R1,CEBPA,NFAM1,IRF9,OSMR,ECM1,TOR3A,GLIPR2,CTSZ,BIN2,PSTPIP1,SH3BP2,MERTK,CYTH4,CCDC3,NPAS4,CYP2E1,CFB,GPR84,FBLIM1,CCL9,ANG,PLBD1,HK3,AA467197,IL3RA,CYP4F18,BATF2,GBGT1,LY6G5B,PLAUR,PON3,LAT2,GBP8,CCL17,SLC38A8,MMP2,CD247,APOL9A,TRIM14,NPPC,CRHR2,CCL2,VMO1,SLAMF8,CAMP,CASP12,1810011H11RIK,BCL2A1A,PILRA
tf	TF:M07211_0	Factor: Ets1; motif: NCCACTTCCTGTNNN; match class: 0	11239	410	279	0.00000105	0.68	0.025	1	HCAR2,CLEC4D,CLEC4E,GZMB,CCL1,CCL5,C3,CHIL3,H2-Q7,IFI204,FCGR4,LCN2,H2-AA,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,GIMAP3,IFI207,CD52,LRG1,LYZ2,CD4,CCL12,H2-OA,MYO1G,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,MS4A6D,H2-D1,TAP1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,MS4A6B,GIMAP4,IRF7,ACAP1,BST2,TLR1,IRGM1,A2M,FYB,C3AR1,C4B,LAT,ITGB2,ST14,ARHGAP9,OASL2,CCR2,S100A8,RAC2,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,XDH,OASL1,LGALS3BP,IL21R,LTB,TLR12,C1QA,SLAMF9,MYO1F,ICAM1,TLR7,WFDC17,TLR13,TTR,OAS2,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,FCGR3,LCP2,TNFSF13B,WAS,C1QB,FCER1G,APOBEC3,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,ACP5,IRF1,SNX20,FERMT3,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,TMEM140,H2-DMA,ARHGAP45,HAVCR2,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,UNC93B1,LY6A,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,CTLA2B,PIK3CG,DHX58,RNF213,PRKCD,PIK3AP1,TRIM30D,CAPN3,TMEM106A,FGD2,INPP5D,CD33,MLPH,PARP9,TREM2,BIRC3,LGALS9,DTX3L,CD14,PHYHD1,TGFBI,CARD9,NCKAP1L,CD300A,TYROBP,ACER2,CBR2,RHBDF2,RSAD2,PRODH,LAPTM5,VWF,TRIM21,KLHL6,IL6RA,FAM111A,LPXN,LCK,BTK,CSF1R,UBA7,CEBPA,NFAM1,APOC1,RAB20,IFITM3,ECM1,CMTM7,SP100,RIN3,CD53,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,MT2,PSTPIP1,SH3BP2,NFKBIE,MERTK,ITIH3,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,BC049352,OMP,GKN3,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,ARL11,EBI3,IFI203,MFSD7A,PRR5L,ANG,CLEC4A3,SLC22A18,LTBP2
tf	TF:M07211_1	Factor: Ets1; motif: NCCACTTCCTGTNNN; match class: 1	4123	495	166	1.24E-10	0.335	0.04	2	CCL1,C3,IFI204,FCGR4,LCN2,PIRB,CD22,LY9,CXCL10,GIMAP3,IFI207,LRG1,CD4,H2-OA,MYO1G,BCL2A1B,H2-D1,SLFN2,EPSTI1,TGTP1,GIMAP4,IRF7,TLR1,LAT,ITGB2,OASL2,S100A8,RAC2,SULT1A1,RASAL3,TLR2,NAIP2,SLFN8,XDH,LTB,C1QA,MYO1F,TLR13,TTR,PTPRC,TMEM252,OAS1A,CCL6,PLD4,TRIM30A,LRRC25,LCP2,TNFSF13B,FCER1G,APOBEC3,GALNT15,TRPV4,P2RY6,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,IRF1,SNX20,FERMT3,CRYBB1,H2-M3,NGP,AIF1,CLEC10A,ARHGAP30,PIK3R5,HIF3A,LCP1,H2-DMA,ARHGAP45,S100A4,FAS,ALOX5AP,STAT1,F13A1,ARHGAP25,ADAP2,CCDC88B,PLA1A,UNC93B1,TSPO,LSP1,CTLA2B,PIK3CG,RNF213,PIK3AP1,CAPN3,FGD2,INPP5D,CD33,PARP9,TREM2,DTX3L,PHYHD1,NCKAP1L,LAPTM5,VWF,TRIM21,IL6RA,FAM111A,BTK,UBA7,CEBPA,NFAM1,APOC1,RAB20,ECM1,SP100,RIN3,CD53,RASD1,TGM2,CTSZ,DNASE2A,BIN2,PSTPIP1,SH3BP2,NFKBIE,CYTH4,CCDC3,LY6E,COL1A1,NGFR,KLK6,STOML3,FCRLS,CFB,LY6C2,HP,EBI3,MFSD7A,PRR5L,ANG,CLEC4A3,SLC22A18,LTBP2,LIPH,AI467606,GPR65,HK3,DOK1,IL3RA,CYP4F18,PTPN18,LRMP,ZC3H12A,DUSP2,FAM26F,PON3,LAT2,GBP8,CCL17,CD247,F10,IL16,CRHR2,SPN,SLAMF8,PSD4,RAPSN,1810011H11RIK,BCL2A1A,PILRA
tf	TF:M00175_0	Factor: AP-4; motif: VDCAGCTGNN; match class: 0	6601	492	203	0.00228	0.413	0.031	1	GZMB,CCL5,H2-Q7,CD74,IFI204,FCGR4,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,PIRB,CXCL10,IFI209,ZBP1,CSF2RB2,CD52,LRG1,IGTP,CSF2RB,IL2RG,H2-Q4,H2-K1,AB124611,MS4A6D,H2-D1,SPINT1,SLFN2,EPSTI1,SLC11A1,GBP2,GIMAP4,CLEC12A,H2-T23,TAGAP,GBP6,CLEC4A2,ELF4,ITGB2,S100A9,SULT1A1,TLR2,NAIP2,GBP5,THEMIS2,XDH,OASL1,C5AR1,IL21R,LTB,CD274,SLAMF9,MYO1F,TMEM252,GBP4,TRIM30A,FCGR3,FCGR1,LCP2,WAS,FCER1G,TLR9,DLK1,RHOH,SP110,IL10RA,P2RY6,FCGR2B,HCLS1,NAIP5,SPI1,SASH3,PTPN6,TNFRSF1B,CTSC,LAG3,CYP26B1,CD86,CLEC10A,PARP14,GBP3,HIF3A,CAPG,DOCK2,TMEM140,HAVCR2,DENND1C,S100A4,ALOX5AP,BLNK,HK2,ADAP2,CCDC88B,CTSH,GBP7,UNC93B1,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,DHX58,PRKCD,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,PARP9,TREM2,BIRC3,LGALS9,DTX3L,PHYHD1,TGFBI,CARD9,CD300A,CBR2,RHBDF2,PARP10,PRODH,IFI27L2A,LAPTM5,VWF,PLAU,IL6RA,TRIM12A,FAM111A,H2-T22,LCK,BTK,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,NFAM1,OSMR,CMTM7,TMEM173,SP100,RIN3,ADM,TOR3A,TGM2,GLIPR2,BIN2,FAM107A,PSTPIP1,CYTH4,NPAS4,APLN,ATF5,FOS,KLK6,COL28A1,CAPN11,OMP,CFB,CST7,HP,TMEM52,TEKT4,MFSD7A,ISG20,ANG,CD180,LIPH,CMKLR1,PLBD1,CCRL2,MNDAL,HK3,PRR22,IL3RA,CYP4F18,XLR,GLRA4,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,UPP1,DOK2,GBP8,CCL17,SLC38A8,HTR6,BCL3,NPPC,CNMD,CRHR2,C2,1700016K19RIK,VMO1,SLAMF8,PSD4,IGSF6,CASP12,BGLAP2,MAS1

tf	TF:M00701_1	Factor: SMAD3; motif: TGTCTGTCT; match class: 1	6259	414	162	0.0351	0.391	0.026	1	HCAR2,CLEC4D,C130026I21RIK,GZMB,CCL1,CCL5,C3,CD74,FCGR4,LCN2,H2-AA,AOAH,GIMAP3,ZBP1,CSF2RB2,LYZ2,IGTP,TGTP2,IIGP1,MYO1G,IL2RG,IL12RB1,MS4A7,ITGAL,IFI47,H2-D1,TAP1,TGTP1,PSMB9,SLC11A1,GIMAP4,BST2,H2-DMB1,IRGM1,A2M,CD84,LAT,ST14,ARHGAP9,CRYBA4,SULT1A1,NAIP2,GBP5,THEMIS2,OASL1,IL21R,LTB,SLAMF9,MYO1F,TTR,OAS1A,C1S1,PLD4,CXCL16,FCGR3,LCP2,WAS,CD44,ADGRE1,FCER1G,ETNPPL,TLR9,DLK1,RHOH,SP110,GALNT15,LST1,RTP4,SPI1,ACP5,IRF1,PTPN6,FERMT3,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,VAV1,PIK3R5,PTAFR,GBP3,DOCK2,TMEM140,H2-DMA,HAVCR2,DENND1C,ALOX5AP,Y86,PLCG2,FGL2,ADAP2,CCDC88B,PLA1A,GBP7,SEPT1,TSPO,CTLA2B,PIK3CG,PARP3,NCF2,PRKCD,IL1A,TRIM30D,FGD2,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,CARD9,CD300A,MAP3K6,PRDDH,LAPTM5,PLAU,IL6RA,FAM111A,H2-T22,IFIT3,IFIT3,CEBPA,NFAM1,RAB20,OSMR,IFITM3,ECM1,SP100,TGM2,SH3BP2,NFKBIE,GGTA1,ITIH3,GRN,CYTH4,IFI35,PRSS35,KLK6,COL28A1,BCD49352,CAPN11,OMP,FCRLS,LY6C2,FBLIM1,EBI3,TEKT4,CCL9,CLEC4A3,SLC22A18,LTBP2,TNFAIP3,CMKLR1
tf	TF:M07323_0	Factor: IRF-4; motif: KRAAMNGAAANYN; match class: 0	3091	94	31	0.0093	0.33	0.01	1	HCAR2,H2-M2,CXCL9,IFI204,FCGR4,H2-EB1,PIRB,NLRC5,CXCL10,IFI209,GM4951,ZBP1,CSF2RB2,CSF2RB,TGTP2,IIGP1,AB124611,PSMB8,IFI47,TGTP1,B2M,SLC11A1,GBP2,GIMAP4,IRF7,BST2,TLR1,A2M,FYB,C3AR1,CLEC4A2
tf	TF:M07609_0	Factor: Ngn-2; motif: GNNNNNCAGMTGGNNN; match class: 0	3593	455	113	0.0201	0.248	0.031	1	C130026I21RIK,GZMB,H2-Q7,CD22,AOAH,CD4,CC112,MYO1G,SPINT1,B2M,CLEC12A,TAGAP,GBP6,C3AR1,ELF4,C1RA,SERPINA3N,ARHGAP9,MPEG1,CRYBA4,ITGB7,HCK,NAIP2,CSAR1,ICAM1,NCF1,TMEM252,PLD4,LRRC25,APOBEC3,TLR9,IL10RA,GALNT15,P2RY6,HCLS1,LISP1B,ACP5,ICOSL,CRYBB1,IKZF1,CTSC,AIF1,CYP26B1,ARHGAP30,IFAFR,NCF4,HIF3A,LCP1,DOCK2,DENND1C,STAT1,LY86,BLNK,NUAK2,ARHGAP25,CTSH,LY6A,FAM46C,PRKCD,PIK3AP1,FGD2,MLPH,LGALS9,TGFBI,CARD9,FGFBP1,ACER2,CBR2,PRDDH,TAP2,IFI27L2A,LAPTM5,H2-T22,LCK,NFAM1,APOC1,ECM1,CMTM7,RIN3,ADM,TOR3A,RASD1,FOLH1,UBE2L6,DNASE2A,FAM107A,SH3BP2,GGTA1,CYTH4,LY6E,APLN,NGFR,STOML3,CAPN11,CYP2E1,CFB,LY6C2,PHF11D,IFI203,IGZ0,LTBP2,STEAP4,CCRL2,DOK1,PRR22,CYP4F18,LRMP,UFP1,DUSP2,STAB1,PON3,GFY,SLAMF7
tf	TF:M07088_0	Factor: Erg; motif: RCAGGAAGTRR; match class: 0	1391	442	53	0.0288	0.12	0.038	1	CCL5,FCGR4,H2-AA,LY9,CD52,LRG1,MS4A6D,MS4A6B,GIMAP4,FYB,ITGB2,ARHGAP9,RASAL3,NAIP2,KDH,TLR12,MYO1F,TLR13,CCL6,PLD4,FCER1G,P2RY6,LST1,SASH3,ACP5,CD163,AIF1,ARHGAP30,BLNK,RAB32,PLA1A,PIK3CG,TMEM106A,CD33,NCKAP1L,RSAD2,TRIM21,IL6RA,CD53,RASD1,PSTPIP1,LY6E,UGT8A,CFB,CST7,ARL11,PRRSL,LTBP2,AI467606,HK3,IL3RA,LRMP,ZC3H12A
tf	TF:M02885_1	Factor: MYF6; motif: NNNRACAGNCNCNCC; match class: 1	15241	484	388	0.0401	0.802	0.025	1	HCAR2,CLEC4D,H2-M2,CDB8L1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CXCL9,H2-Q7,CD74,IFI204,FCGR4,LCN2,H2-AA,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,AOAH,CXCL10,GM4951,GIMAP3,IFI207,ZBP1,CSF2RB2,LRG1,LYZ2,CD4,CCL12,MS4A6C,CSF2RB,TGTP2,IIGP1,H2-OA,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,TAP1,SPINT1,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GBP2,MS4A6B,GIMAP4,CLEC12A,ACAP1,BST2,TLR1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,FYB,C3AR1,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,ARHGAP9,S100A9,OAS1Z,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,SLFN8,PLAC8,THEMIS2,XDH,OAS1L,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,SLAMF9,MYO1F,ICAM1,TTR,OAS2,PVCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,LRRC25,CXCL16,FCGR3,LCP2,TNFSF13B,WAS,CD44,C1QB,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,SPI1,APOBEC1,LISP1B,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,FGL2,F13A1,DDX60,GFAP,CD68,ADAP2,CCDC88B,PLA1A,CTSH,UNC93B1,SEPT1,LY6A,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,ISP1,CTLA2B,MAFB,PIK3CG,DHX58,RNF213,FAM46C,PARP3,RBKE,PRKCD,IL1A,PIK3AP1,CAPN3,TMEM106A,SERPING1,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRDDH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,IL6RA,PD2PH1,TRIM12A,FAM111A,PIK3R6,H2-T22,LPXN,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,CDS3,ADM,TOR3A,RASD1,TGM2,GUPR2,CTSZ,DNASE2A,BIN2,SLCO4A1,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,COL28A1,STOML3,BCD49352,CAPN11,GKN3,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,TMEMS2,EBI3,TEKT4,MFSD7A,ISG20,PRR5L,CD180,SLC22A18,LTBP2,TNFAIP3,CMKLR1,CASP4,STEAP4,AI467606,PLBD1,PTGER4,HK3,DOK1,PRR22,IL3RA,CYP4F18,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,CD247,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,ALDH1A7,UNC130,1700016K19RIK,CCL2,UPK1B,VMO1,SLAMF8,CAMP
tf	TF:M07379_0	Factor: c-Ets-2; motif: NNCTTCCTNNN; match class: 0	9736	413	248	0.0000135	0.6	0.025	1	CLEC4D,CDB8L1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHL3,H2-Q7,IFI204,FCGR4,H2-AA,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,LY9,NLRC5,CXCL10,IFI209,GM4951,IFI207,CD52,LRG1,LYZ2,CD4,CCL12,H2-OA,MYO1G,BCL2A1B,H2-K1,IL12RB1,MS4A7,AB124611,MS4A6D,PSMB8,H2-D1,TAP1,SLFN2,BPIFB4,EPSTI1,TGTP1,PSMB9,MS4A6B,GIMAP4,IRF7,ACAP1,BST2,IRGM1,CTSS,TAGAP,A2M,FYB,C3AR1,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OAS1Z,CCR2,S100A8,RAC2,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,XDH,OAS1L,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,TLR13,TTR,OAS2,PVCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,PLD4,TRIM30A,LCP2,TNFSF13B,WAS,FCER1G,SP110,GALNT15,TRPV4,CH25H,P2RY6,HCLS1,LST1,NAIP5,RTP4,SPI1,SASH3,USP18,ACP5,IRF1,SNX20,FERMT3,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,CTSC,AIF1,LAG3,CYP26B1,VAV1,ARHGAP30,NCF4,GBP3,HIF3A,LCP1,DOCK2,H2-DMA,ARHGAP45,HAVCR2,DENND1C,S100A4,ALOX5AP,LY86,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,LY6A,ADORA3,HVCN1,TSPO,LISP1,PIK3CG,DHX58,RNF213,NCF2,PRKCD,IL1A,CAPN3,TMEM106A,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PARP9,TREM2,BIRC3,LGALS9,DTX3L,PHYHD1,CARD9,NCKAP1L,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,LAPTM5,VWF,PLAU,TRIM21,IL4RA,IL6RA,FAM111A,PIK3R6,H2-T22,LCK,UBA7,CEBPA,NFAM1,APOC1,IRF9,SP140,IFITM3,ECM1,CMTM7,SP100,RIN3,CDS3,RASD1,FOLH1,TGM2,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,UGT8A,FOS,EGR4,KLK6,STOML3,BCD49352,OMP,CYP2E1,FCRLS,CFB,CST7,PHF11D,GPR84,TMEMS2,ARL11,EBI3,IFI203,CCL9,PRR5L,CLEC4A3,CD180,SLC22A18,LTBP2,TNFAIP3,UPH
tf	TF:M07379_1	Factor: c-Ets-2; motif: NNCTTCCTNNN; match class: 1	2917	487	110	0.000124	0.226	0.038	2	CCL5,IFI204,FCGR4,PIRB,LY9,LRG1,CD4,BCL2A1B,MS4A6D,H2-D1,SLFN2,ACAP1,FYB,ITGB2,OAS1Z,S100A8,NAIP2,GBP5,SLFN8,XDH,TLR12,MYO1F,CD300C2,ICAM1,WFDC17,OAS2,PVCARD,PTPRC,OAS1A,CCL6,PLD4,FCER1G,P2RY6,LST1,NAIP5,RTP4,SPI1,SNX20,FERMT3,CD163,AIF1,LCP1,ALOX5AP,LY86,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,PLA1A,LY6A,LSP1,PIK3CG,CAPN3,FGD2,INPP5D,CD33,PARP9,DTX3L,PHYHD1,NCKAP1L,CBR2,RSAD2,VWF,TRIM21,FAM111A,NFAM1,APOC1,SP100,CD53,RASD1,PSTPIP1,SH3BP2,NFKBIE,CCDC3,LY6E,COL1A1,NPAS4,STOML3,BCD49352,CYP2E1,FCRLS,CFB,CST7,PHF11D,GPR84,EBI3,IFI203,PRR5L,CLEC4A3,SLC22A18,LTBP2,LIPH,MNDAL,HK3,IL3RA,CYP4F18,LRMP,SIGLECE,ZC3H12A,CCL17,CD247,IL16,CRHR2,CCL2,SLAMF8,PSD4,IGSF6,MLR1
tf	TF:M00444_0	Factor: VDR; motif: GGGKNARNRRGGWSA; match class: 0	15494	414	343	0.00604	0.829	0.022	1	CLEC4D,H2-M2,CDB8L1,C130026I21RIK,GZMB,CCL1,CCL5,C3,H2-Q7,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,AOAH,NLRC5,CXCL10,GIMAP3,ZBP1,CSF2RB2,CD52,LRG1,LYZ2,CD4,IGTP,CSF2RB,TGTP2,IIGP1,MYO1G,IL2RG,H2-OA,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,H2-D1,TAP1,SPINT1,SLFN2,TGTP1,PSMB9,IRGM2,SLC11A1,GBP2,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,TLR1,H2-T23,IRGM1,CTSS,GBP6,A2M,FYB,CAR1,CD84,ELF4,C1RA,LAT,ITGB2,ST14,ARHGAP9,S100A9,OAS1Z,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,SLFN8,PLAC8,THEMIS2,XDH,OAS1L,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,OAS1A,CCL6,C1S1,PLD4,LRRC25,CXCL16,FCGR3,FCGR1,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,F13A1,HK2,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,HVCN1,ASPG,TSPO,KCNK6,CTLA2B,MAFB,DHX58,RNF213,FAM46C,PARP3,HBKE,NCF2,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRDDH,TAP2,IFI27L2A,LAPTM5,VWF,PLAU,XLH6,IL6RA,PD2PH1,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,CMTM7,TMEM173,SP100,RIN3,ADM,TOR3A,RASD1,TGM2,UBE2L6,GUPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,PRSS35,KLK6,COL28A1,STOML3,BCD49352,CAPN11,GKN3,CYP2E1,CFB,CST7,LY6C2,HP,GPR84,FBLIM1,TMEMS2,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,IB30077I02RIK,TNFAIP3,LIPH,CMKLR1

										CDB81,C130026I21RIK,GZMB,CCL1,CCL5,C3,H2-Q7,IFI204,LCN2,H2-Q6,PIRB,CD22,NLRC5,CXCL10,ZBP1,CSF2RB2,CD52,LY22,CD4,IGTP,CSF2RB,TGTP2,IGP1,MYO1G,IL2RG,H2-Q4,H2- K1,IL12RB1,ITGAL,PSMB8,H2-D1,TAP1,SPINT1,SLFN2,PSMB9,IRGM2,SLC11A1,GBP2,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2- T23,A2M,C4B,ELF4,C1RA,ITGB2,CD48,SERPINA3N,ARHGAP9,OAS1Z,RAC2,RASAL3,ITGB7,GBP5,TNFSF13,OAS1L,CSAR1,IL21R,LTB,TLR12,C1QA,IFI44,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R, TLR13,OAS2,NCF1,TMEM252,OAS1A,PLD4,LRRC25,FCGR3,FCGR1,WAS,CD44,C1QB,ADGRE1,FCER1G,APOBEC3,TLR9,DLK1,RHOH,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,C1QC,LST1,SPI1,SASH3,APOB EC1,ACP5,ICOSL,IRF1,PTPN6,ADCY7,TNFRSF1B,CRYBB1,NGP,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,CAPG,DOCK2,H2- DMA,HAVCR2,DENND1C,S100A4,FAS,ALOXSAP,STAT1,LY86,PLCG2,BLNK,NUAK2,F13A1,HK2,DDX60,CD68,LAIR1,ADAP2,CCDC88B,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,KCNK6,CTLA2B,MAF8,RNF21 3,PARP3,NCF2,TMEM106A,SERPING1,FGD2,PARVG,MAFF,MLPH,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,PHYHD1,ABCC3,TYROBP,MAF3K6,ACER2,CBR2,RHBDF2,RSAD2,PRDM1,TAP2,IFI 27L2A,LAPTM5,PDZPH1,FAM111A,PIK3R6,LPXN,LCK,IL1R1,IFIT1,IL4RA,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,IFITM3,CMTM7,TMEM173,SP100,RIN3,TOR3A,TGM2,CTSZ,DNASE2A,BIN2,FA M107A,SLCO4A1,SH3BP2,NFKBIE,GGTA1,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,PRSS35,KLK6,COL28A1,BCD4935Z,CAPN11,GKN3,CFB,CST7,HP,GPR84,T MEM52,EBI3,MFSD7A,ISG20,PRR5L,ANG,SLC22A18,LTBP2,IB30077J02RIK,TNFAIP3,LIPH,AI467606,PLBD1,GPR65,MNDAL,DOK1,PRR22,IL3RA,CYP4F18,GBGT1,GBP10,A630001G21RIK,ZCSH12A,B3 GNT3,DUSP2,PLAUR,STAB1,GPX6,PON3,GFY,LAT2,GBP8,CCL17,SLC38A8,HTR6,MMP2,CD247,F10,NAPSA,IL16,TRIM14,BCL3,CRHR2,C2,GPR35
tf	TF:M00444_1	Factor: VDR; motif: GGGKNARNRRGGWSA; match class: 1	9617	475	274	0.0000815	0.577	0.028	2	
										HCAR2,CLEC4D,H2-M2,CDB81,GZMB,CCL1,CCL5,CD74,H2-AA,PIRB,CXCL10,IFI209,GM4951,IFI207,LRG1,LY22,MYO1G,H2-Q4,BC1A18,MS4A7,AB124611,ITGAL,MS4A6D,IFI47,H2- D1,SLFN2,BPIFB4,EPSTI1,IRGM2,MS4A6B,GIMAP4,CLEC12A,BST2,H2- DMB1,IRGM1,CTSS,TAGAP,C4B,CDB4,CLEC4A2,ITGB2,CD48,S100A9,OASL2,MPEG1,S100A8,CRYBA4,SULT1A1,ITGB7,TLR2,GBP5,SLFN8,PLAC8,XDH,OASL1,LGALS3BP,C1QA,SLAMF9,MYO1F,CD300C2 ,WFDC17,OAS2,TNFAIP2,GBP4,PLD4,TRIM30A,LRRC25,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,APOBEC3,RHOH,CH25H,FCGR2B,HCLS1,C1QC,LST1,RTP4,SPI1,SASH3,IRF1,SNX20,PTPN6,GSD MD,FERMT3,UGT1A7C,CTSC,LAG3,CYP26B1,CLEC10A,VAV1,ARHGAP30,PIK3R5,NCF4,CAPG,DOCK2,H2- DMA,ARHGAP45,HAVCR2,TNFAIP8L2,FAS,ALOXSAP,BLNK,NUAK2,CD37,RAB32,ARHGAP25,LAIR1,ADAP2,CCDC88B,ADORA3,GBP9,HVCN1,KCNK6,LSP1,JKBKE,FGD2,INPP5D,CD33,MLPH,PTPN22,PAR P9,BIRC3,TIFAB,LGALS9,DTX3L,TGFBI,CARD9,CD300A,TYROBP,FGFBP1,MAF3K6,XAF1,IFI27L2A,LAPTM5,TRIM21,IL6RA,TRIM12A,FAM111A
tf	TF:M01203_0	Factor: SPI1; motif: NNAAWGNGGAASTNNNN; match class: 0	6556	316	142	0.000273	0.449	0.022	1	
										CLEC4D,CD74,GM4951,IFI207,MS4A7,ITGAL,SLFN2,IRGM2,MS4A6B,IRGM1,TAGAP,C4B,CRYBA4,CD300C2,PLD4,LRRC25,FCGR2B,HCLS1,LST1,SASH3,IRF1,SNX20,PTPN6,FERMT3,UGT1A7C,LAG3,AR HGAP30,PIK3R5,NCF4,ARHGAP45,ALOXSAP,CD37,CCDC88B,INPP5D,BIRC3,LGALS9,CARD9,FGFBP1,NFAM1,RIN3,NFKBIE,NPAS4,CDLZBA1,CFB,CC19,IB30077J02RIK,MNDAL,IL3RA,XLR,ICOS,CLEC4N, PON3,CD247
tf	TF:M01203_1	Factor: SPI1; motif: NNAAWGNGGAASTNNNN; match class: 1	1301	464	53	0.0161	0.114	0.041	2	
										C130026I21RIK,GZMB,CD74,FCGR4,H2-AB1,LCN2,H2-EB1,PIRB,GM4951,CD52,LRG1,LY22,CD4,CCL12,MS4A6C,H2- OA,MS4A7,MS4A6D,TAP1,SLFN2,BPIFB4,PSMB9,B2M,SLC11A1,MS4A6B,GIMAP4,BST2,H2- DMB1,GBP6,C4B,ELF4,LAT,ST14,CD48,S100A8,CRYBA4,SULT1A1,ITGB7,HCK,OASL1,LGALS3BP,C1QA,CD300C2,NCF1,PTPRC,TNFAIP2,C1S1,LRRC25,WAS,FCER1G,IL10RA,GALNT1S,NEURL3,P2RY6,FC GR2B,SPI1,APOBEC1,USP18,ACP5,PTPN6,GSDMD,ADCY7,CD163,H2- M3,IKZF1,LAG3,CLEC10A,VAV1,ARHGAP30,PTAFR,NCF4,DOCK2,TMEM140,ARHGAP45,DENND1C,TNFAIP8L2,ALOXSAP,CD37,CCDC88B,LY6A,TSPO,LSP1,MAF8,PIK3CG,DHXS8,RNF213,PARP3,NCF2,P RKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,TREM2,LGALS9,FKBP5,CD14,PHYHD1,CARD9,ACER2,PARP10,TAP2,XAF1,TRIM21,H2- T22,LPXN,IL4RA,MFAM1,RP9,SP140,ECM1,CMTM7,RIN3,FOLH1,MT2,PSTPIP1,ITIH3,GRN,CYTH4,CCDC3,CDL1A1,UGTBA,KLK6,STOML3,BCD4935Z,CAPN11,OMP,GKN3,CYP2E1,CFB,PHF11D,FBLIM1,T MEM52,ARL11,CCL9,SLC22A18,CMKLR1,STEAP4,AI467606,PLBD1,AA467197,PRR22,RETNLG,PTPN18,SIGLECE,MS4A4B,CLEC4N,UPP1,DOK2,PLAUR,GPX6,GFY,CCL17,SLC38A8,HTR6,MIMP2,CD247,F10 ,NAPSA,NPPC,C2,GPR35,UNC13D,SPN,VMO1
tf	TF:M00763_1	Factor: PPAR; motif: TGACCTTTGNCCY; match class: 1	5462	482	166	0.0234	0.344	0.03	1	
										HCAR2,CDB81,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHL3,H2-Q7,CD74,IFI204,FCGR4,LCN2,H2-AA,H2-Q6,TSPAN32,H2- EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,GM4951,IFI207,CD52,LRG1,LY22,CD4,IGTP,CCL12,IGP1,H2-OA,MYO1G,IL2RG,H2-QA,BC1A18,H2- K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,IFI47,H2-D1,TAP1,SPINT1,SLFN2,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,MS4A6B,GIMAP4,CLEC12A,IRF7,ACAP1,TLR1,H2- T23,IRGM1,CTSS,TAGAP,A2M,FYB,C3AR1,C4B,CDB4,ELF4,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OAS1Z,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,S LFN8,PLAC8,XDH,OASL1,CSAR1,LGALS3BP,IL21R,LTB,TLR12,C1QA,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,TTR,OAS2,PYCARD,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4, TRIM30A,LRRC25,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,APOBEC3,TLR9,DLK1,SP110,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC 1,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2- M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CDB6,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,DOCK2,TMEM140,H2- DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOXSAP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,HK2,GFAP,LAIR1,CCDC88B,PLA1A,GBP7,UNC93B1,SEPT1, LY6A,ADORA3,HVCN1,ASPG,TSPO,LSP1,CTLA2B,MAFB,PIK3CG,RNF213,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,CD33,MLPH,PTPN22, PARP9,TREM2,BIRC3,LGALS9,DTX3L,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,TYROBP,FGFBP1,ACER2,CBR2,RHBDF2,RSAD2,PARP10,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLH6,IL6RA,PDZPH1,FA M111A,PIK3R6,CCR5,LPXN,LCK,BTK,IL1R1,IFIT1,IL4RA,UBA7,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,ECM1,TMEM173,SP100,RIN3,CDS3,TOR3A,RASD1,FOLH1,TGM2,CTSZ,BIN2,FAM 107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,CDL1A1,NPAS4,APLN,NGFR,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,BCD4935Z,OMP,CYP2E1 ,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,IB30077J02RIK,TNFAIP3,LIPH,CMKLR1,AI467606,GPR65, CCRL2,MNDAL,PTGER4,HK3,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLRA4
tf	TF:M00339_0	Factor: c-Ets-1; motif: RCAGGAAGTGNNTNS; match class: 0	14972	437	353	0.003	0.808	0.024	1	
										C130026I21RIK,CCL1,CCL5,C3,CHL3,CD74,IFI204,FCGR4,LCN2,TSPAN32,PIRB,CD22,LY9,CXCL10,IFI209,GM4951,IFI207,CD52,LRG1,CD4,CCL12,MYD1G,BC1A18,IL12RB1,MS4A7,LGALS3,ITGAL,SPIN T1,EPSTI1,TGTP1,IRGM2,GIMAP4,ACAP1,TLR1,IRGM1,CTSS,TAGAP,FYB,C3AR1,CDB4,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OAS1Z,CCR2,S100A8,RAC2,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,PLA C8,XDH,OASL1,CSAR1,LTB,C1QA,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,TTR,OAS2,PYCARD,TMEM252,OAS1A,CCL6,PLD4,TRIM30A,LRRC25,TNFSF13B,ADGRE1,FCER1G,APOBEC3,TLR9,DLK1 ,SP110,IL10RA,TRPV4,CH25H,P2RY6,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,APOBEC1,ACP5,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CRYBB1,UGT1A7C,H2- M3,NGF,CTSC,AIF1,LAG3,CYP26B1,CDB6,VAV1,PIK3R5,NCF4,HIF3A,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,LY86,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,GFAP,LAIR1,CCDC8 8B,PLA1A,UNC93B1,LY6A,HVCN1,LSP1,PIK3CG,RNF213,PARP3,IKBKE,NCF2,IL1A,PIK3AP1,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,CD33,PTPN22,PARP9,TREM2,BIRC3,LGALS9,DTX3L,PH YHD1,TGFBI,CARD9,NCKAP1L,TYROBP,CBR2,RHBDF2,RSAD2,PARP10,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLH6,IL6RA,FAM111A,LCK,BTK,UBA7,CEBPA,ISG15,NFAM1,IRF9,RAB20,SP140,ECM1,S P100,CDS3,RASD1,FOLH1,TGM2,BIN2,FAM107A,MT2,PSTPIP1,SH3BP2,NFKBIE,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,CDL1A1,NPAS4,NGFR,FOS,STOML3,BCD4935Z,OMP,CYP2E1,CFB,CST7, LY6C2,HP,GPR84,TMEM52,EBI3,IFI203,CCL9,PRR5L,CLEC4A3,CD180,SLC22A18,LTBP2,IB30077J02RIK,LIPH,CMKLR1
tf	TF:M00339_1	Factor: c-Ets-1; motif: RCAGGAAGTGNNTNS; match class: 1	7925	414	225	3.62E-09	0.543	0.028	2	
										HCAR2,CDB81,GZMB,CCL1,C3,CXCL9,H2-Q7,CD74,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,H2-Q6,TSPAN32,H2- EB1,PIRB,CD22,AOAH,NLRC5,CXCL10,GM4951,IFI207,ZBP1,CSF2RB2,CD52,LRG1,LY22,TGTP2,H2-OA,MYO1G,H2- QA,IL12RB1,LGALS3,ITGAL,PSMB8,IFI47,TAP1,SPINT1,SLFN2,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,CLEC12A,ACAP1,BST2,H2- DMB1,TLR1,IRGM1,TAGAP,GBP6,A2M,C3AR1,C4B,CDB4,CCR2,LAT,ITGB2,ST14,ARHGAP9,S100A9,OAS1Z,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,HCK,PLAC8,OASL1,CSAR1,LGALS3BP,IL21R,LTB,TLR12,C 1QA,SLAMF9,CD300C2,ICAM1,CSF3R,TLR13,PYCARD,TNFAIP2,TMEM252,GBP4,OAS1A,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,LCP2,TNFSF13B,C1QB,FCER1G,TLR9,DLK1,IL10RA,GALNT1S,NEU RL3,TRPV4,CH25H,P2RY6,FCGR2B,C1QC,LST1,RTP4,SPI1,APOBEC1,USP18,IRF1,SNX20,PTPN6,FERMT3,ADCY7,TNFRSF1B,CRYBB1,LAG3,CDB6,CLEC10A,VAV1,PARP14,ARHGAP30,NCF4,GBP3,HIF3A,C APG,DOCK2,TMEM140,H2- DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,ALOXSAP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,F13A1,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,UNC93B1,SEPT1,LY6A,ADORA3,ASP G,TSPO,KCNK6,LSP1,DHXS8,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,TREM2,TIFAB,LGALS9,CD14,A BCC3,CARD9,CD300A,TYROBP,FGFBP1,MAF3K6,ACER2,CBR2,PARP10,PRDM1,TAP2,XAF1,LAPTM5,VWF,PLAU,H2- T22,CCR5,LCK,BTK,CSF1R,IL1R1,IFIT1,IL4RA,IFIT3,CEBPA,NFAM1,APOC1,IRF9,RAB20,IFITM3,ECM1,CMTM7,TMEM173,RIN3,TOR3A,RASD1,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,SLCO4A1,PSTPIP1, NFKBIE,GGTA1,ITIH3,CYTH4,LY6E,NPAS4,NGFR,UGT8A,FOS,EGR4,MYOC,PRSS35,KLK6,STOML3,BCD4935Z,CAPN11,GKN3,CYP2E1,FCRLS,CFB,CST7,HP,PHF11D,EBI3,TEKT4,MFSD7A,ISG20,CCL9,ANG ,CLEC4A3,SLC22A18,LTBP2,TNFAIP3,LIPH,CMKLR1,CASP4,STEAP4,CCRL2,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,PTPN18,LRMP,ICOS,SIGLECE,GBGT1,LY6G5B,AI630051G21RIK,ZC3H12A,CLEC4N, B3GNT3,DUSP2,DOK2,FAM26F,STAB1,GPX6,GFY,SLAMF7,LAT2,GBP8,SLC38A8,HTR6,MMP2,CD247,F10,APOL9A,IL16,TRIM14,BCL3,NPPC,CRHR2,C2,GPR35,ALDH1A7,UNC13D,I700016K19RIK,SPN,C CL2,UPK1B,VMO1,CAMP,MILR1,BAZ1A,BGLAP2,RAPSN,MAS1,1810011H11RIK
tf	TF:M00448_1	Factor: Zic1; motif: KGGGTGGTC; match class: 1	11000	493	317	0.0000329	0.643	0.029	1	

tf	TF:M00072_1	Factor: CP2; motif: GCHCDAMCCAG; match class: 1	9192	478	258	0.00352	0.54	0.028	1	CLEC4D,CDBB1,C130026I21RIK,GZMB,H2-Q7,CCL8,H2-AB1,H2-AA,CYBB,H2-Q6,TSPAN32,H2-EB1,CD22,AOAH,CXCL10,GIMAP3,IFI207,ZBP1,CD52,LRG1,LGTP,IGP1,H2-OA,MYO1G,IL12RB1,LGALS3,AB124611,IFI47,TAP1,BPIFB4,TGTP1,PSMB9,SLC11A1,ACAP1,BST2,H2-DMB1,TLR1,IRGM1,CTSS,TAGAP,GBP6,CSAR1,ELF4,CIRA,LAT,ITGB2,SERPINA3N,OAS1L2,MFEG1,RAC2,CRYBA4,RASAL1,ITGB7,HCK,GBP5,XDH,CSAR1,LGALS3BP,IL21R,LTB,TLR12,C1QA,SLAMF9,MYO1F,CD300C2,CSF3R,TLR13,TTR,PYCARD,TNFAIP2,GBP4,OAS1A,CCL6,PLD4,LRRC25,CXCL16,FCGR3,LCP2,TNFSF13B,FCER1G,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,RTP4,USP18,CCDS1,SNX20,GSDMD,TNFRSF1B,CD163,CRYBB1,CTSC,AIF1,LAG3,CYP26B1,CD86,PARP14,PIK3R5,NCF4,GBP3,HIF3A,LCP1,H2-DMA,TNFAIP8L2,ALOXSAP,LY86,BLNK,F13A1,ARHGAP25,CD68,CCDC88B,PLA1A,GBP7,UNC93B1,HVCN1,ASPG,KCNK6,LSP1,CTLA2B,DHX58,RNF213,PARP3,PRKCD,IL1A,TRIM30D,CAPN3,SERPING1,FGD2,INPP5D,PARVG,CD33,MLPH,PTPN22,PARP9,TREM2,TIFAB,DTX3L,FKBP5,PHYHD1,TGFBI,ABCC3,CARD9,TYROBP,FGFBP1,MAP3K6,CBR2,RHBDF2,PARP10,PRODH,TAP2,XAF1,VWF,TRIM21,KLHL6,IL6RA,FAM111A,PIK3R6,H2-T22,LPXN,LCK,BTK,CSF1R,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,IRF9,SP140,IFITM3,CMTM7,TMEM173,SP100,ADM,TOR3A,RASD1,TGM2,UBE2L6,GLIPR2,CTSZ,BIN2,NFKBIE,PIM1,MERTK,GRN,CYTH4,IFI35,COL1A1,NPAS4,APLN,NGFR,FOS,MYOC,KLK6,BC049352,CAPN11,OMP,GKN3,CFB,CST7,LY6C2,HP,GPR84,TMEM52,ARL11,EBI3,TEKT4,MF5027A,CCL9,PRR5L,ANG,CLEC4A3,SLC22A18,B30077J02RIK,CMKLR1,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,DOK1,PRR22,IL3RA,CYP4F18,LRMP,BATF2,GBGT1,GBP10,LY6G5B,ZC3H12A,UPP1,DUSP2,DOK2,PLAUR,STAB1,GBP8,ACBD7,MMP2,CD247,F10,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,ALDH1A7,UNC13D,1700016K19RIK
										CCL1,CCL5,CHIL3,H2-AA,PIRB,IFI209,IFI207,Y22,MS4A6D,EPSTI1,GIMAP4,CLEC12A,IRGM1,CTSS,TAGAP,C4B,CLEC4A2,CIRA,CD48,OASL2,CRYBA4,TLR2,SLFN8,PLAC8,OASL1,SLAMF9,MYO1F,PLD4,LRRC25,FCGR1,C1QB,CH25H,C1QC,RTP4,IRF1,SNX20,FERMT3,UGT1A7C,CTSC,LAG3,CLEC10A,PIK3R5,DOCK2,HAVCR2,ALOXSAP,BLNK,CD37,GBP9,PIK3CG,FGD2,INPP5D,CD33,PTPN22,PARP9,DTX3L,TGFBI,CD300A,MAP3K6,IFI27L2A,LAPTM5,KLHL6,IL6RA
										CCL1,CC3,CHIL3,CD74,H2-AB1,LCN2,CYBB,H2-EB1,GIMAP3,ZBP1,CSF2RB2,CD4,IGTP,CSF2RB,MYO1G,H2-K1,IL12RB1,LGALS3,PSMB8,SPINT1,SLFN2,BPIFB4,IRGM2,B2M,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,CTSS,CD84,C1RA,LAT,ITGB2,ST14,CD48,ARHGAP9,OASL2,RAC2,CRYBA4,SULT1A1,HCK,OASL1,LTB,CD274,C1QA,CD300C2,ICAM1,CSF3R,TLR13,OAS2,NCF1,PYCARD,TMEM252,TRIM30A,LRRC25,CXCL16,TNFSF13B,CD44,APOBEC3,TRPV4,P2RY6,HCLS1,C1QC,NAIP5,USP18,IRF1,PTPN6,TNFRSF1B,CD163,CRYBB1,IKZF1,AIF1,PIK3R5,NCF4,DOCK2,ARHGAP45,TNFAIP8L2,FAS,PLCG2,BLNK,CD37,ARHGAP25,ADAP2,CCDC88B,UNC93B1,LY6A,HVCN1,LSP1,MAF8,PIK3CG,FAM46C,PARP3,IKBKE,TMEM106A,INPP5D,PARVG,CD33,TREM2,TYROBP,FGFBP1,ACER2,RSAD2,PARP10,LAPTM5,VWF,TRIM21,P02PH1,PIK3R6,ISG15,RAB20,IFITM3,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,PIM1,GGTA1,ITIH3,CYTH4,CCDC3,ATF5,EGR4,PRSS35,CAPN11,OMP,CFB,LY6C2,HP,TMEM52,ARL11,EBI3,ISG20,CCL9,CLEC4A3,SLC22A18,LTBP2,B30077J02RIK,CMKLR1,AI467606,PLBD1,MNDAL,HK3,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,LY6G5B,A630001G21RIK
										HCAR2,CLEC4E,H2-M2,CCL1,CCL5,C3,CXCL9,CD74,CCL8,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-EB1,CD22,LY9,IFI209,GIMAP3,ZBP1,CSF2RB2,LY22,CD4,CCL12,CSF2RB,IGP1,IL2RG,ITGAL,PSMB8,IFI47,H2-D1,TAP1,SPINT1,BPIFB4,TGTP1,PSMB9,IRGM2,IRF7,ACAP1,BST2,H2-DMB1,TLR1,TAGAP,A2M,C3AR1,C4B,CD84,ELF4,LAT,OASL2,MPEG1,S100A8,RAC2,CRYBA4,GBP5,THEMIS2,XDH,OASL1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,MYO1F,CD300C2,ICAM1,WFDC17,TLR13,TTR,TMEM252,OAS1A,C1S1,PLD4,LRRC25,CXCL16,FCGR3,TNFSF13B,FCER1G,APOBEC3,DLK1,SP110,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,C1QC,LST1,NAIP5,APOBEC1,FERMT3,ADCY7,TNFRSF1B,CD163,H2-M3,IKZF1,AIF1,LAG3,CYP26B1,CLEC10A,ARHGAP30,PTAFR,NCF4,GBP3,HIF3A,CAPG,TMEM140,H2-DMA,ARHGAP45,HAVCR2,ALOXSAP,LY86,BLNK,CD37,F13A1,HK2,DOX60,GFAP,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,ADORA3,GBP9,HIST1H4H,KCNK6,CTLA2B,MAF8,PIK3CG,DHX58,RNF213,CAPN3,TMEM106A,FGD2,INPP5D,PARVG,MAFF,CD33,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,PHYHD1,TGFBI,ABCC3,CARD9,CD300A,RSAD2,PARP10,PRODH,XAF1,VWF,PLAU,IL6RA,TRIM12A,LCK,BTK,IL1R1,IFIT1,IRF9,RAB20,IFITM3,SP100,RIN3,ADM,RASD1,TGM2,GLIPR2,SLCO4A1,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,CYTH4,IFI35,LY6E,CDL1A1,NPAS4,NGFR,UGT8A,FOS,EGR4,PRSS35,COL28A1,STOML3,BC049352,CAPN11,OMP,GKN3,CYP2E1,CFB,LY6C2,TMEM52,ARL11,EBI3,ISG20,CCL9,PRR5L,ANG,CLEC4A3,SLC22A18,TNFAIP3,CMKLR1,PLBD1,GPR65,AA467197,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,PTPN18,ICOS,GBGT1,GLRA4,LY6G5B,A630001G21RIK,CLEC4N,B3GNT3,DUSP2,PLAUR,STAB1,PON3,GFY,GBP8,CCL17,HTR6,MMP2,F10,APOL9A,IL16,BCL3,CNMD,CRHR2,GPR35,UNC13D,1700016K19RIK,CCL2
										CLEC4E,C130026I21RIK,GZMB,CCL5,CHIL3,H2-Q7,CD74,FCGR4,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,H2-EB1,CD22,AOAH,IFI209,GM4951,GIMAP3,CSF2RB2,CD52,LRG1,LY22,CD4,IGTP,CCL12,CSF2RB,IGP1,H2-OA,MYO1G,H2-Q4,H2-K1,AB124611,PSMB8,IFI47,H2-D1,TAP1,SLFN2,TGTP1,PSMB9,B2M,SLC11A1,IRF7,ACAP1,H2-DMB1,H2-T23,A2M,FYB,C3AR1,ELF4,ITGB2,ARHGAP9,CCR2,S100A8,CRYBA4,ITGB7,GBP5,SLFN8,PLAC8,THEMIS2,LTB,TLR12,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,CSF3R,TTR,OAS2,NCF1,PYCARD,OAS1A,CCL6,C1S1,PLD4,CXCL16,FCGR1,WAS,C1QB,ETNPPL,DLK1,RHOH,SP110,IL10RA,NEURL3,TRPV4,P2RY6,HCLS1,C1QC,NAIP5,RTP4,SASH3,APOBEC1,ACPS,ICOSL,IRF1,SNX20,PTPN6,ADCY7,CRYBB1,CTSC,LAG3,CYP26B1,CD86,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,HAVCR2,TNFAIP8L2,S100A4,STAT1,PLCG2,BLNK,CD37,RAB32,FGL2,F13A1,DDX60,ADAP2,CCDC88B,PLA1A,GBP7,SEPT1,LY6A,HVCN1,ASPG,TSPO,LSP1,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,PARVG,MAFF,MLPH,PTPN22,TREM2,BIRC3,TIFAB,FKBP5,PHYHD1,TGFBI,NCKAP1L,TYROBP,MAP3K6,RSAD2,PARP10,PRODH,TAP2,IFI27L2A,PLAU,TRIM21,P02PH1,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,BTK,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,SP140,OSMR,CMTM7,TMEM173,SP100,RIN3,RASD1,TGM2,UBE2L6,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,PSTPIP1,NFKBIE,GGTA1,CYTH4,IFI35,LY6E,COL1A1,NPAS4,APLN,ATF5,PRSS35,COL28A1,STOML3,BC049352,CAPN11,OMP,CYP2E1,LY6C2,HP,PHF11D,GPR84,TMEM52,ARL11,EBI3,IFI203,ISG20,CCL9,CD180,SLC22A18,TNFAIP3,UPH,CMKLR1,CASP4,STEAP4,PLBD1,GPR65,CCRL2,MNDAL,AA467197,IL3RA,CYP4F18,XLR,PTPN18,BCAT2,SIGLECE,GBGT1,GLRA4,LY6G5B,A630001G21RIK,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,STAB1,SLAMF7,LAT2,SLC38A8,HTR6,MMP2,F10,APOL9A,TRIM14,BCL3,C2,GPR35,ALDH1A7,UNC13D,1700016K19RIK,SPN,UPK1B,VMO1,SLAMF8
										CD8B1,C130026I21RIK,GZMB,H2-AB1,LCN2,H2-AA,LY9,AOAH,IFI209,ZBP1,H2-OA,H2-Q4,IL12RB1,AB124611,ITGAL,IFI47,H2-D1,IRGM2,ACAP1,CTSS,ITGB2,CD48,ARHGAP9,NAIP2,THEMIS2,LTB,SLAMF9,MYO1F,OAS2,TNFAIP2,TRIM30A,TNFSF13B,IL10RA,C1QC,NAIP5,SP11,FERMT3,CTSC,AIF1,LAG3,ARHGAP30,PIK3R5,PTAFR,TNFAIP8L2,S100A4,BLNK,HK2,LAIR1,ADAP2,LY6A,HIST1H4H,KCNK6,PARP3,IKBKE,PARVG,MAFF,MLPH,LGALS9,ABCC3,CARD9,MAP3K6,ACER2,CBR2,TAP2,XAF1,VWF,IL4RA,NFAM1,SP140,IFITM3,UBE2L6,FAM107A,PIM1,ITIH3,OMP,HP,TMEM52,CCL9,LTBP2,AI467606,GPR65,HK3,AA467197,IL3RA,PTPN18,LRMP,BATF2,UPP1,DDK2,PON3,GFY,SLC38A8,HTR6,NPPC,CCL2,VMO1,SLAMF8,MILR1,BGLAP2
										H2-M2,CDBB1,FCGR4,CYBB,PIRB,NLRC5,IFI207,ZBP1,IGTP,CCL12,TGTP2,H2-Q4,LGALS3,AB124611,H2-D1,TGTP1,IRGM2,ACAP1,H2-DMB1,TLR1,IRGM1,FYB,ELF4,C1RA,OASL2,SLFN8,THEMIS2,OASL1,LGALS3BP,IL21R,CD274,IFI44
										HCAR2,CLEC4E,H2-M2,C130026I21RIK,CCL1,CCL5,C3,CXCL9,H2-Q7,CD74,CCL8,FCGR4,H2-AB1,LCN2,H2-AA,H2-Q6,H2-EB1,PIRB,LY9,AOAH,CXCL10,IFI209,IFI207,ZBP1,CSF2RB2,CD52,IGTP,MS4A6C,CSF2RB,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,ITGAL,H2-D1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,IRGM2,B2M,MS4A6B,CLEC12A,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,A2M,C3AR1,C4B,CD84,CLEC4A2,LAT,CD48,S100A9,OASL2,MPEG1,RAC2,SULT1A1,RASAL3,TLR2,NAIP2,GBP5,PLAC8,XDH,OASL1,LGALS3BP,IL21R,LTB,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,NCF1,PYCARD,TNFAIP2,THEMIS2,GBP4,OAS1A,CCL6,PLD4,TRIM30A,LRRC25,CXCL16,C1QB,ADGRE1,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,SP110,NEURL3,C1QC,NAIP5,SP11,SASH3,APOBEC1,ACPS,ICOSL,IRF1,SNX20,PTPN6,GSDMD,TNFRSF1B,CRYBB1,UGT1A7C,H2-M3,NGF,CTSC,AIF1,CYP26B1,C1CE10A,PARP14,ARHGAP30,PIK3R5,NCF4,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,FAS,ALOXSAP,PLCG2,NUAK2,CD37,FGL2,CP,F13A1,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,UNC93B1,SEPT1,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,MAF8,DHX58,RNF213,PARP3,IKBKE,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,PARVG,MAFF,MLPH,TREM2,BIRC3,TIFAB,LGALS9,CD14,PHYHD1,TGFBI,ABCC3,CARD9,CD300A,ACER2,RHBDF2,RSAD2,PARP10,PRODH,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,TRIM12A,FAM111A,PIK3R6,H2-T22
tf	TF:M00072_1	Factor: CP2; motif: GCHCDAMCCAG; match class: 1	9192	478	258	0.00352	0.54	0.028	1	
tf	TF:M01204_0	Factor: Spi-B; motif: AAAAWGMGGAAGTWNSN; match class: 0	2343	313	62	0.00709	0.198	0.026	1	
tf	TF:M00002_0	Factor: E47; motif: VSNGCAGGTGKNCNN; match class: 0	5500	441	156	0.0147	0.354	0.028	1	
tf	TF:M02794_1	Factor: Smad3; motif: NNNNNCCAGACANNNNN; match class: 1	8817	480	247	0.0147	0.515	0.028	1	
tf	TF:M02119_0	Factor: T3R-beta; motif: RRGNNANNNGAGGWCAN; match class: 0	9555	483	276	0.00012	0.571	0.029	1	
tf	TF:M01173_1	Factor: SREBP-1; motif: NSNNTCACNCCANNN; match class: 1	2830	490	99	0.0237	0.202	0.035	1	
tf	TF:M02767_1	Factor: IRF-3; motif: NARAANSGAAACYN; match class: 1	1966	129	32	0.000332	0.248	0.016	1	
tf	TF:M03557_0	Factor: P50; motif: GGRRANTCCCNN; match class: 0	9738	318	196	0.0000396	0.616	0.02	1	

tf	TF:M03557_1	Factor: P50; motif: GGRRANTCCCNN; match class: 1	3546	403	101	0.0251	0.251	0.028	2	HCAR2,CLEC4E,H2-M2,CCL1,CCL5,C3,CXCL9,H2-Q7,CD74,H2-AA,H2-Q6,LY9,IFI209,CD52,IGTP,MS4A6C,CSF2RB,MYO1G,H2-K1,H2-D1,SPINT1,MS4A6B,H2-T23,GBP6,A2M,C4B,LAT,TLR2,GBP5,OASL1,LGALS3BP,ICAM1,NCF1,PYCARD,TNFAIP2,GBP4,C1QB,ADGRE1,ETNPP1,SPI1,IRF1,SNX20,GSDMD,TNFRSF1B,CRYBB1,H2-M3,CYP26B1,CLEC10A,PARP14,HIF3A,LCP1,FAS,ALOX5AP,NUAK2,F13A1,DDX60,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,UNC93B1,GBP9,HVCN1,KCNK6,LSP1,DHXS8,PARP3,PRKCD,PIK3AP1,TMEM106A,CD14,PHYHD1,CARD9,PARP10,PIK3R6,H2-T22,CSF1R,ISG15,CMTM7,RIN3,DNASE2A,NFKBIE,PIM1,ITIH3,GRN,CYTH4,NPAS4,APLN,ATF5,UGT8A,EGR4,STOML3,CAPN11,CFB,CST7,GPR84,TMEM52,TEKT4,ISG20,CCL9
tf	TF:M01882_0	Factor: IRF-2; motif: NNRAAAGTGAAASNNA; match class: 0	790	141	17	0.0309	0.121	0.022	1	IFI204,CXCL10,GM4951,MS4A6C,IIGP1,IL2RG,H2-Q4,PSMB8,GBP2,IRF7,BST2,CD84,OASL2,ITGB7,CD274,IFI44,NCF1
tf	TF:M01208_0	Factor: FLI-1; motif: CMGGAWGTSAN; match class: 0	12601	410	293	0.000723	0.715	0.023	1	HCAR2,CDBB1,C130026I21RIK,CCL5,C3,CHIL3,CXCL9,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,H2-EB1,PIRB,LY9,AOAH,NLRC5,CXCL10,IFI209,GM4951,IFI207,ZBP1,CSF2RB2,CD52,IRG1,LY22,CCL12,MS4A6C,CSF2RB,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,MS4A6D,H2-D1,TAP1,SPINT1,SLFN2,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,MS4A6B,GIMAP4,IRF7,ACAP1,H2-DMB1,TLR1,IRGM1,CTSS,TAGAP,GBP6,A2M,FYB,C4B,CD84,CLEC4A2,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,S100A8,RAC2,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,PLAC8,THEMIS2,XDH,CSAR1,LGALS3BP,LTB,TLR12,C1QA,SLAMF9,MYO1F,CD300C2,WFDC17,TLR13,TTR,OAS2,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,FCGR1,WAS,C1QB,ADGRE1,FCER1G,APOBEC3,TLR9,RHOH,SP110,I10RA,NE1JR1,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,SPI1,APOBEC1,ACP5,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CD86,CLEC10A,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,S100A4,FAS,ALOX5AP,STAT1,LY86,BLNK,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,GBP7,UNC93B1,LY6A,ADORA3,GBP9,HVCN1,HIST1H4H,KCNK6,LSP1,MAF8,RNF213,FAM46C,IKBKE,NCF2,PRKCD,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,CD33,PARP9,TREM2,BIRC3,DTX3L,PHYHD1,TGFBLAB CC1,CARD9,NCKAP1L,CD300A,TYROBP,MAP3K6,RHBDF2,RSAD2,PRODH,VWF,TRIM21,KLH6,IL6RA,TRIM12A,FAM111A,CCR5,LPXN,LCK,BTK,IFIT1,IL4RA,UBA7,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,TMEM173,SP100,RIN3,CD53,RASD1,FOLH1,TGM2,GLIPR2,CTS2,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,PIM1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,UGT8A,FOS,MYOC,PRSS35,KLK6,STOML3,BC049352,OMP,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,TMEM52,ARL11,EBI3,IFI203,MFSD7A,CCL9,PRRSL,ANG,CLEC4A3,CD180,SLC22A18,LTBP2
tf	TF:M01208_1	Factor: FLI-1; motif: CMGGAWGTSAN; match class: 1	5278	428	145	0.0373	0.339	0.027	2	CCL5,C3,IFI204,FCGR4,H2-AB1,LCN2,H2-EB1,LY9,CXCL10,GM4951,IFI207,CSF2RB2,CD52,IRG1,LY22,CCL12,CSF2RB,H2-OA,MYO1G,H2-K1,MS4A6D,H2-D1,EPSTI1,TGTP1,MS4A6B,IRF7,TLR1,IRGM1,CTSS,FYB,C4B,ITGB2,ST14,ARHGAP9,S100A8,RAC2,TLR2,NAIP2,GBP5,PLAC8,TLR12,C1QA,SLAMF9,MYO1F,WFDC17,TTR,TMEM252,GBP4,OAS1A,CCL6,PLD4,TRIM30A,LRRC25,ADGRE1,FCER1G,APOBEC3,TLR9,RHOH,CH25H,P2RY6,HCLS1,LST1,NAIP5,IRF1,SNX20,GSDMD,FERMT3,CRYBB1,NGP,AIF1,ARHGAP45,S100A4,FAS,ALOX5AP,BLNK,CD37,RAB32,ARHGAP25,GFAP,ADAP2,CCDC88B,PLA1A,UNC93B1,LY6A,ADORA3,GBP9,RNF213,NCF2,TRIM30D,CAPN3,TMEM106A,INPP5D,CD33,PARP9,BIRC3,PHYHD1,TGFBI,CARD9,NCKAP1L,TYROBP,RHBDF2,RSAD2,IL6RA,FAM111A,UBA7,IRF9,IFITM3,ECM1,TMEM173,SP100,CD53,RASD1,FOLH1,TGM2,GLIPR2,CTS2,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,GRN,CYTH4,LY6E,COL1A1,UGT8A,KLK6,STOML3,BC049352,CYP2E1,CFB,CST7,LY6C2,HP,TMEM52,IFI203,PRRSL,ANG,CLEC4A3,SLC22A18,LTBP2,LPH,AI467606,MNDAL,HK3,DOK1,IL3RA,CYP4F18
tf	TF:M00749_1	Factor: SREBP-1; motif: CACSCCA; match class: 1	8562	484	253	0.000146	0.523	0.03	1	CDBB1,C130026I21RIK,C3,CXCL9,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,LY9,AOAH,NLRC5,ZBP1,CD52,LRG1,LY22,CD4,IGTP,CCL12,IIGP1,H2-OA,IL12RB1,AB124611,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,TAP1,SPINT1,SLFN2,PSMB9,GBP2,GIMAP4,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,TAGAP,GBP6,FYB,C4B,C1RA,LAT,ITGB2,S100A9,OASL2,MPEG1,RAC2,CRYBA4,ITGB7,PLAC8,THEMIS2,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,SLAMF9,MYO1F,CD300C2,CSF3R,OAS2,NCF1,PYCARD,PTPRC,C1S1,PLD4,TRIM30A,LRRC25,FCGR3,TNFSF13B,TTR,DUX1,IL10RA,GALNT15,NEURL3,TRPV4,FCGR2B,LST1,NAIP5,SPI1,SASH3,APOBEC1,ICOSL,SNX20,PTPN6,ADCY7,TNFRSF1B,CRYBB1,H2-M3,CTSC,AIF1,LAG3,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,DOCK2,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,S100A4,FAS,PLCG2,CD37,HK2,DDX60,GFAP,CD68,ADAP2,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,HVCN1,ASPG,TSPO,KCNK6,LSP1,DHXS8,PARP3,IKBKE,NCF2,PRKCD,TRIM30D,CAPN3,SERPING1,PARVG,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,CD14,PHYHD1,ABCC3,CARD9,NCKAP1L,CD300A,MAP3K6,CBR2,RHBDF2,PARP10,TAP2,IFI27L2A,LAPTM5,VWF,IL6RA,PO2PH1,PIK3R6,H2-T22,BTK,IL4RA,UBA7,CEBPA,NFAM1,APOC1,RAB20,SP140,IFITM3,ECM1,SP100,RIN3,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTS2,FAM107A,SLCO4A1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,PRSS35,COL28A1,OMP,CFB,LY6C2,HP,TMEM52,EBI3,TEKT4,ISG20,CCL9,PRRSL,ANG,CD180,SLC22A18,LTBP2,TNFAIP3,CMKLR1,STEAP4,AI467606,GPR65,CCR6,2,AA467197,DOK1,PRR22,IL3RA,CYP4F18,BATF2,GBP10,ZC3H12A,B3GNT3,DUSP2,DOK2,PLAUR,FAM26F,GFY,SLC38A8,HTR6,F10,NAPSA,IL16,TRIM14,BCL3,NPPC,CRHR2,C2,UNC13D,1700016K19RIK,SPN,CCL2,VMO1,SLAMF8,CAMP
tf	TF:M07289_1	Factor: GKLF; motif: NNNRGGNGNGGSN; match class: 1	17004	475	416	0.0293	0.876	0.024	1	HCAR2,CLEC4D,CLEC4E,H2-M2,CDBB1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,H2-Q7,CD74,IFI204,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,PIRB,CD22,NLRC5,CXCL10,GM4951,GIMAP3,ZBP1,CD52,LRG1,CD4,IGTP,CCL12,MS4A6C,CSF2RB,TGTP2,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,MS4A6B,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2-T23,IRGM1,CTSS,TAGAP,FYB,CSAR1,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,OASL2,MPEG1,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OAS1,CSAR1,LGALS3BP,IL21R,LTB,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,CSF3R,TTR,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,GBP4,OAS1A,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,ADGRE1,FCER1G,ETNPP1,APOBEC3,TLR9,DUX1,RHOH,SP110,I10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,FGL2,F13A1,ARHGAP25,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,CTLA2B,MAFB,DHXS8,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PARP9,TREM2,BIRC3,LGALS9,DTX3L,FKBP5,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLH6,IL6RA,PO2PH1,FAM111A,PIK3R6,H2-T22,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,ADM,TOR3A,RASD1,TGM2,UBE2L6,GLIPR2,CTS2,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,COL28A1,OMP,CYP2E1,CFB,CST7,HP,PHF11D,PPBP4,TMEM52,ARL11,EBI3,TEKT4,IFI203,ISG20,CCL9,PRRSL,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CMKLR1,STEAP4,AI467606,PLBD1,GPR65,CCR6,2,MNDAL,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,XLR,PTPN18,LRMP,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,AG30001G21RIK,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,GBP8,CC117,SLC38A8,ACBD7,HTR6,MMP2,CD247,F10,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35
tf	TF:M01703_0	Factor: Gli2; motif: GACCACCCANG; match class: 0	7441	478	215	0.0089	0.45	0.029	1	CLEC4D,CDBB1,GZMB,H2-Q7,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,H2-Q6,TSPAN32,PIRB,ZBP1,LRG1,LY22,CD4,CCL12,IGP1,H2-OA,MYO1G,H2-Q4,BCL2A1B,H2-K1,PSMB8,H2-D1,BPIFB4,SLC11A1,CLEC12A,H2-DMB1,TAGAF,GBP6,CAR1,C4B,CLEC4A2,ELF4,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OASL2,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,HCK,PLAC8,THEMIS2,OASL1,IL21R,SLAMF9,CD300C2,CSF3R,TLR13,TTR,NCF1,TNFAIP2,OAS1A,C1S1,PLD4,TRIM30A,FCGR3,LCP2,TNFSF13B,WAS,CD44,CD48,C1QB,FCER1G,ETNPP1,TLR9,DUX1,GALNT15,NEURL3,TRPV4,HCLS1,C1QC,SASH3,ICOSL,PTPN6,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,IKZF1,CTSC,LAG3,PARP14,ARHGAP30,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,ALOX5AP,LY86,NUAK2,CD37,F13A1,CD68,ADAP2,GBP7,LY6A,GBP9,HVCN1,ASPG,LSP1,DHXS8,FAM46C,IKBKE,PRKCD,IL1A,PIK3AP1,CAPN3,PARVG,MLPH,PTPN22,TREM2,BIRC3,LGALS9,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,TYROBP,FGFBP1,ACER2,RSAD2,PARP10,TAP2,XAF1,IFI27L2A,VWF,PLAU,IL6RA,LCK,CSF1R,IL1R1,IL4RA,IFIT3,CEBPA,NFAM1,IRF9,RIN3,TOR3A,TGM2,GLIPR2,CTS2,BIN2,SLCO4A1,NFKBIE,ITIH3,COL1A1,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,PRSS35,STOML3,BC049352,CAPN11,FCRLS,CFB,PHF11D,TMEM52,EBI3,ISG20,PRRSL,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,GPR65,CCR6,2,PTGER4,DOK1,PRR22,CYP4F18,XLR,PTPN18,LRMP,SIGLECE,GBGT1,MS4A4B,LY6G5B,2C3H12A,CLEC4N,DUSP2,FAM26F,GFY,SLAMF7,GBP8,SLC38A8,HTR6,MMP2,CD247,APOL9A,NAPSA,TRIM14,CNMD,C2,ALDH1A7,UNC13D,1700016K19RIK
tf	TF:M01175_0	Factor: CKROX; motif: SCCCTCCCC; match class: 0	10515	470	287	0.000676	0.611	0.027	1	CDBB1,C130026I21RIK,CCL1,CCL5,C3,CXCL9,H2-Q7,TSPAN32,H2-EB1,PIRB,CD22,IFI209,GM4951,GIMAP3,ZBP1,CD4,IGTP,CCL12,CSF2RB,TGTP2,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,PSMB8,TAP1,SLFN2,TGTP1,PSMB9,SLC11A1,MS4A6B,GIMAP4,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,FYB,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,S100A9,OASL2,MPEG1,RAC2,CRYBA4,TLR2,HCK,SLFN8,PLAC8,XDH,LGALS3BP,IL21R,LTB,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,OAS1A,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,LCP2,TNFSF13B,CD44,ADGRE1,FCER1G,ETNPP1,APOBEC3,TLR9,DLK1,RHOH,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,FCGR2B,HCLS1,C1QC,SPI1,SASH3,ICOSL,PTPN6,GSDMD,FERMT3,TNFRSF1B,CRYBB1,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,CAPG,TMEM140,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,PLCG2,NUAK2,RAB32,HK2,CD68,LAIR1,CCDC88B,PLA1A,CTSH,UNC93B1,SEPT1,LY6A,ASPG,TSPO,KCNK6,MAF8,DHXS8,FAM46C,PAP3,IKBKE,PRKCD,PIK3AP1,TRIM30D,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,PHYHD1,NCKAP1L,CD300A,TYROBP,MAP3K6,TAP2,IFI27L2A,LAPTM5,VWF,IL6RA,PO2PH1,PIK3R6,H2-T22,LPXN,LCK,BTK,CSF1R,IL1R1,IL4RA,SG15,NFAM1,APOC1,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,ADM,TOR3A,TGM2,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3B P2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,BCO49352,CAPN11,OMP,FCRLS,CST7,LY6C2,GPR84,FBLIM1,EBI3,TEKT4,IFI203,CCL9,PRRSL,ANG,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,CMKLR1,AI467606,PLBD1,CCRL2,MNDAL,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,RETNLG,ICOS,SIGLECE,GBGT1,GLRA4,LY6G5B,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,GPX6,PON3,GFY,SLAMF7,CCL17,SLC38A8,ACBD7,HTR6,MMP2,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3

tf	TF:M01870_1	Factor: C-ets-1; motif: AGGAAGN; match class: 1	9090	413	237	0.00000488	0.574	0.026	1	C130026I21RIK,CCL1,CCL5,C3,CHL3,CD74,IFI204,FCGR4,TSPAN32,H2-EB1,PIRB,CD22,LY9,IFI209,GM4951,IFI207,CD52,LRG1,CD4,CCL12,MS4A6C,H2-OA,MYO1G,H2-Q4,BC12A1B,IL12RB1,MS4A7,IGAL53,AB124611,MS4A6D,IFI47,SPINT1,SLFN2,BPIFB4,EPSTI1,IRGM2,MS4A6B,GIMAP4,ACAP1,BST2,TLR1,IRGM1,CTSS,TAGAP,A2M,FYB,C3AR1,C4B,CD84,LAT,ITGB2,SERPINA3N,ARHGAP9,S100A9,OASL2,CCR2,S100A8,RAC2,SULT1A1,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,C5AR1,IL21R,LTB,TLR12,CD274,C1QA,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,TTR,OAS2,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C15I1,PLD4,TRIM30A,LCP2,TNFSF13B,ADGRE1,FCER1G,TLR9,SP110,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,ACP5,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF18,CD163,CRYBB1,UGT1A7C,NGP,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PIK3R5,NCF4,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,HAVCR2,DENND1C,S100A4,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,GFAP,LAIR1,CCDC88B,PLA1A,CTSH,UNC93B1,LY6A,HVCN1,KCNK6,LSP1,PIK3CG,RNF213,IKBKE,NCF2,IL1A,CANN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,PTPN22,PARP9,BIRC3,LGALS9,DTX3L,PHYHD1,ABCC3,CARD9,NCKAP1L,MAP3K6,CBR2,RHBDF2,RSAD2,PRODH,LAPTM5,VWF,PLAU,TRIM21,IL6RA,FAM111A,PIK3R6,CCR5,LP09,LCK,BTK,IL4RA,UBA7,CEBPA,NFAM1,APOC1,IRF9,SP140,ECM1,TMEM173,SP100,CD53,RASD1,MT2,PSTPIP1,SH3BP2,NFKBIE,ITIH3,CYTH4,CD2C,LY6E,COL1A1,NPAS4,APLN,UGT8A,FOS,STOML3,BC049352,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,IFI203,CCL9,PRR5L,CLEC4A3,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH
tf	TF:M01860_0	Factor: AP-4; motif: NCAGCTGYNGNCN; match class: 0	10384	447	275	0.000184	0.615	0.026	1	C130026I21RIK,GZMB,CCL5,CXCL9,H2-Q7,CD74,IFI204,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,PIRB,AOAH,IFI209,GIMAP3,IFI207,ZBP1,CSF2RB2,LRG1,LY22,CD4,CCL12,MS4A6C,CSF2RB,H2-OA,IL12RG,H2-Q4,BCL2A1B,H2-K1,MS4A7,ITGAL,H2-D1,CLEC4A1,IRGM2,SLC11A1,GIMAP4,CLEC12A,IRF7,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,C3AR1,C4B,ELF4,LAT,SERPINA3N,ARHGAP9,CCR2,S100A8,CRYBA4,SULT1A1,RASAL3,NAIP2,GBP5,SLFN8,PLAC8,XDH,C5AR1,LGALS3BP,IL21R,LTB,TLR12,CD274,SLAMF9,ICAM1,CSF3R,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,OAS1A,PLD4,LRRC25,CXCL16,FCGR3,LCP2,CD44,FCER1G,ETNPPL,DLK1,RHOH,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,NAIP5,SPI1,APOBEC1,USP18,ICOSL,IRF1,PTPN6,FERMT3,ADCY7,TNFRSF18,CD163,H2-M3,NGP,IKZF1,CTSC,CYP26B1,CD86,CLEC10A,VAV1,ARHGAP30,PTAFR,NCF4,GBP3,HIF3A,LCP1,TMEM140,H2-DMA,ARHGAP45,DENND1C,S100A4,FAS,STAT1,LY86,BLNK,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,CTLA2B,MAFB,DHX58,FAM46C,PARP3,IKBKE,NCF2,IL1A,PIK3AP1,CAPN3,SERPING1,INPP5D,PARVG,CD33,MLPH,PTPN22,PARP9,TREM2,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,CBR2,RHBDF2,RSAD2,PARP10,PRODH,XAF1,IFI27L2A,KLH6,IL6RA,H2-T22,CCR5,IL4RA,UBA7,CEBPA,SG15,NFAM1,APOC1,IRF9,SP140,IFITM3,CMTM7,SP100,RIN3,ADM,TGM2,UBE2L6,GLIPR2,BIN2,FAM107A,PSTPIP1,PM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,COL1A1,NPAS4,APLN,NGFR,FOS,EGR4,MYOC,KLK6,COL28A1,STOML3,BC049352,OMP,GKN3,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CLEC4A3,CD180,SLC22A18,CMKLR1,STEAP4,PLBD1,GPR65,CCRL2,PRR22,IL3RA,PTPN18,LRMP,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2
tf	TF:M02043_0	Factor: SPI1; motif: NNNGGAANTN; match class: 0	5202	428	148	0.00392	0.346	0.028	1	CD8B1,GZMB,CCL1,CCL5,H2-Q7,CD74,FCGR4,LCN2,ITGAX,H2-Q6,TSPAN32,LY9,AOAH,IFI209,GM4951,IFI207,CSF2RB,IIGP1,BCL2A1B,H2-K1,IL12RB1,LGALS3,ITGAL,EPSTI1,IRGM2,MS4A6B,GIMAP4,IRF7,BST2,H2-T23,TAGAP,C4B,CLECL4A2,LAT,ITGB7,HCK,SLFN8,PLAC8,XDH,OASL1,LGALS3BP,IL21R,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,OAS2,TNFAIP2,PLD4,LRRC25,LCP2,WAS,CD44,C1QB,C1QC,LST1,SASH3,CD5L,IRF1,SNX20,FERMT3,UGT1A7C,CTSC,AIF1,CYP26B1,VAV1,HIF3A,HAVCR2,DENND1C,S100A4,ALOXSAP,PLCG2,BLNK,NUAK2,CD37,RAB32,CP,ARHGAP25,HK2,LAIR1,CCDC88B,GBP7,LY6A,ADORA3,PIK3CG,DHX58,PRKCD,PIK3AP1,CAPN3,TMEM106A,FGD2,PARVG,MLPH,PTPN22,PARP9,TIFAB,LGALS9,DTX3L,PHYHD1,CD300A,MAP3K6,CBR2,RSAD2,PARP10,IFI27L2A,TRIM21,P02PH1,FAM111A,LCK,IL4RA,CEBPA,NFAM1,IRF9,DSMB,IFITM3,TMEM173,GLIPR2,CTSZ,DNASE2A,BIN2,SLCO4A1,SH3BP2,MERTK,GRN,LY6E,NPAS4,COL28A1,BC049352,CYP2E1,FCRLS,CST7,LY6C2,PHF11D,IFI203,CCL9,CD180,SLC22A18,I830077J02RIK,CMKLR1,AI467606,MNDAL,HK3,IL3RA,CYP4F18
tf	TF:M01034_0	Factor: Ebox; motif: NCACSTGNCN; match class: 0	10174	491	287	0.00409	0.585	0.028	1	HCAR2,CLEC4E,H2-M2,C130026I21RIK,GZMB,CCL1,C3,CHL3,H2-Q7,CCL8,FCGR4,LCN2,H2-Q6,TSPAN32,PIRB,CD22,NLRC5,CXCL10,IFI209,GIMAP3,ZBP1,CSF2RB2,LRG1,LY22,IGTP,MS4A6C,CSF2RB,IIGP1,MYO1G,H2-Q4,AB124611,ITGAL,MS4A6D,SPINT1,SLFN2,BPIFB4,IRGM2,B2M,SLC11A1,GBP2,MS4A6B,GIMAP4,IRF7,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,A2M,C3AR1,C4B,CLEC4A2,ELF4,C1RA,LAT,ITGB2,SERPINA3N,ARHGAP9,S100A9,OASL2,SULT1A1,RASAL3,HCK,GBP5,THEMIS2,OASL1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,CD300C2,ICAM1,WFDC17,CSF3R,TTR,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,OAS1A,CCL6,PLD4,LRRC25,TNFSF13B,CD44,FCER1G,APOBEC3,TLR9,DLK1,SP110,IL10RA,NEURL3,TRPV4,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,GSDMD,FERMT3,NGP,CTSC,LAG3,CD86,CLEC10A,VAV1,ARHGAP30,PTAFR,NCF4,GBP3,HIF3A,LCP1,DOCK2,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,LY86,PLCG2,CD37,F13A1,ARHGAP25,CD68,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,SEPT1,LY6A,ADORA3,ASPG,TSPO,KCNK6,DHX58,FAM46C,PARP3,IKBKE,NCF2,PIK3AP1,TMIM30D,FGD2,INPP5D,MLPH,PARP9,BIRC3,TIFAB,DTX3L,FKBP5,PHYHD1,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,ACER2,CBR2,RHBDF2,PARP10,XAF1,LAPTM5,VWF,PLAU,TRIM21,KLH6,P02PH1,LPXN,LCK,BTK,IL4RA,UBA7,CEBPA,SG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,TMEM173,RIN3,CD53,TOR3A,RASD1,TGM2,GLIPR2,CTSZ,DNASE2A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,COL1A1,NPAS4,APLN,ATF5,MYOC,KLK6,STOML3,BC049352,CAPN11,CYP2E1,CST7,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,MFSD7A,ISG20,CD180,LTBP2,TNFAIP3,CMKLR1,STEAP4,PLBD1,CCRL2,HK3,AA467197,PRR22,IL3RA,CYP4F18,PTPN18,ICOS,SIGLECE,GBP10,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DOK2,PLAUR,FAM26F,STAB1,GP36,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,ACB07,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,ALDH1A7,1700016H19RIK,SPN,CAMP,PSD4,IGSF6,MILR1,BAZ1A,CASP12,BGLAP2,RAPSN
tf	TF:M03852_1	Factor: SREBP-2; motif: NTCACCYNNNN; match class: 1	6195	490	195	0.00599	0.398	0.03	1	H2-M2,CCL1,H2-Q7,FCGR4,H2-Q6,CD22,GIMAP3,IFI207,ZBP1,CDS2,LRG1,CD4,H2-OA,H2-Q4,BCL2A1B,H2-K1,IL12RB1,AB124611,MS4A6D,P5MB8,H2-D1,TAP1,SPINT1,SLFN2,BPIFB4,TGTP1,PSMB9,SLC11A1,GBP2,ACAP1,BST2,H2-T23,C4B,LAT,ITGB2,ARHGAP9,OASL2,S100A8,CRYBA4,TLR2,HCK,SLFN8,THEMIS2,LTB,SLAMF9,ICAM1,TTR,OAS2,TNFAIP2,PLD4,TRIM30A,LRRC25,FCGR3,FCGR1,CIQB,FCER1G,TLR9,DLK1,TRPV4,CH25H,FCGR2B,HCLS1,LST1,SPI1,ICOSL,IRF1,PTPN6,FERMT3,ADCY7,TNFRSF18,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,PARP14,PIK3R5,PTAFR,GBP3,HIF3A,CAPG,ARHGAP45,DENND1C,S100A4,FAS,BLNK,CD37,DDX60,ADAP2,LY6A,HVCN1,ASPG,MAFB,DHX58,RNF213,FAM46C,PARP3,IKBKE,PRKCD,FGD2,PARVG,CD33,TREM2,LGALS9,FKBP5,PHYHD1,TGFBI,ABCC3,NCKAP1L,CD300A,MAP3K6,ACER2,CBR2,PARP10,PRODH,TAP2,IFI27L2A,VWF,P02PH1,TRIM12A,FAM111A,PIK3R6,H2-T22,CCR5,BTK,IL4RA,UBA7,NFAM1,APOC1,IFITM3,ECM1,CMTM7,SP100,RIN3,ADM,RASD1,TGM2,UBE2L6,FAM107A,PSTPIP1,SH3BP2,PIM1,GGTA1,ITIH3,LY6E,APLN,ATF5,UGT8A,FOS,BC049352,OMP,CFB,LY6C2,EBI3,PRR5L,CLEC4A3,CD180,AI467606,PLBD1,GPR65,AA467197,IL3RA,CYP4F18,XLR,PTPN18,GBP10,LY6G5B,A630001G21RIK,B3GNT3,FAM26F,PON3,GFY,SLC38A8,HTR6,CD247,F10,APOL9A,NAPSA,IL16,BCL3,CRHR2,C2,GPR35,UNC13D,CCL2,VMO1,SLAMF8,MILR1,CASP12,BGLAP2
tf	TF:M00193_1	Factor: NF-1; motif: NNTTGGCNNNNNNCCNNN; match class: 1	4013	495	136	0.00349	0.275	0.034	1	HCAR2,CD8B1,C130026I21RIK,CXCL9,IFI204,ITGAX,CD22,ZBP1,LRG1,IGTP,CCL12,JL2RG,MS4A7,SLFN2,EPSTI1,MS4A6B,GIMAP4,H2-T23,TAGAP,GBP6,A2M,LAT,ST14,OASL2,MPEG1,SLFN8,OASL1,IFI44,CSF3R,PTPRC,GBP4,PLD4,LRRC25,CXCL16,TNFSF13B,DLK1,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,HCLS1,IRF1,GSDMD,TNFRSF18,CRYBB1,AIF1,LAG3,PTAFR,DOCK2,PLCG2,RAB32,CD68,CCDC88B,PLA1A,CTSH,ASPG,TSPO,DHX58,PARP3,IKBKE,NCF2,PIK3AP1,PARVG,TREM2,PHYHD1,CD300A,CBR2,RSAD2,PRODH,XAF1,LAPTM5,TRIM21,FAM111A,PIK3R6,H2-T22,CCR5,CEBPA,NFAM1,APOC1,SP140,TMEM173,RIN3,TOR3A,FOLH1,GLIPR2,DNASE2A,FAM107A,GGTA1,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,ATF5,UGT8A,FOS,COL28A1,STOML3,BC049352,CFB,PHF11D,ARL11,EBI3,ISG20,CD180,I830077J02RIK,SIGLECE,GBP10,LY6G5B,2C3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,LAT2,GBP8,MMP2,CD247,NAPSA,NPPC,CRHR2,GPR35,CCL2,PSD4,IGSF6,BAZ1A,BGLAP2,1810011H11RIK,PILRA
tf	TF:M00340_1	Factor: c-Ets; motif: KRCAGGAARTRNKT; match class: 1	6494	432	187	0.0000405	0.433	0.029	1	C3,CHL3,H2-Q7,IFI204,FCGR4,H2-Q6,TSPAN32,PIRB,LY9,CXCL10,IFI209,GM4951,IFI207,LRG1,LY22,CD4,CCL12,IIGP1,MYO1G,H2-Q4,H2-K1,MS4A7,JL2RG,BCL2A1B,SPINT1,SLFN2,BPIFB4,EPSTI1,TGTP1,GIMAP4,CTSS,TAGAP,FYB,C3AR1,CD84,LAT,ITGB2,ST14,SERPINA3N,S100A9,OASL2,S100A8,RAC2,RASAL3,TLR2,HCK,NAIP2,GBP5,PLAC8,XDH,LGALS3BP,TLR12,C1QA,MYO1F,CD300C2,TLR13,TTR,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,CI5I1,PLD4,TRIM30A,LRRC25,LCP2,TNFSF13B,CIQB,ADGRE1,FCER1G,APOBEC3,DLK1,NEURL3,TRPV4,P2RY6,HCLS1,C1QC,LST1,NAIP5,SPI1,APOBEC1,SNX20,GSDMD,FERMT3,NGP,AIF1,LAG3,CLEC10A,ARHGAP30,NCF4,GBP3,TMEM140,H2-DMA,ARHGAP45,HAVCR2,FAS,CD37,RAB32,CP,F13A1,ARHGAP25,GFAP,LAIR1,ADAP2,CCDC88B,PLA1A,GBP7,UNC93B1,LY6A,ASPG,CTLA2B,PIK3CG,RNF213,IKBKE,NCF2,IL1A,PIK3AP1,CAPN3,TMEM106A,FGD2,CD33,PARP9,TREM2,BIRC3,PHYHD1,TGFBI,NCKAP1L,ACER2,RHBDF2,TAP2,LAPTM5,VWF,TRIM21,KLH6,IL6RA,FAM111A,CCR5,LCK,BTK,IL4RA,CEBPA,SG15,NFAM1,APOC1,RAB20,ECM1,TMEM173,SP100,CD53,RASD1,FOLH1,TGM2,BIN2,SLCO4A1,MT2,PSTPIP1,NFKBIE,GRN,LY6E,COL1A1,PRSS35,KLK6,STOML3,BC049352,CYP2E1,CFB,CST7,LY6C2,HP,EBI3,IFI203,MFSD7A,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,LIPH,CASP4,MNDAL,HK3,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP

tf	TF:M00033_1	Factor: p300; motif: NNNGGGAGTNNNNS; match class: 1	8234	360	180	0.0308	0.5	0.022	1	H2-M2,GZMB,CCL1,CCL5,C3,CXCL9,H2-Q7,CD74,H2-AB1,LCN2,H2-AA,CYBB,H2-Q6,H2-EB1,LY9,NLRC5,CXCL10,IFI209,GM4951,GIMAP3,IFI207,LYZ2,CCL12,CSF2RB,TGTP2,H2-OA,MYO1G,IL2RG,BCL2A1B,IL12RB1,MS4A7,LGALS3,MS4A6D,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,IRGM2,GIMAP4,BST2,H2-DMB1,GBP6,FYB,CD84,ELF4,C1RA,ITGB2,ST14,SERPINA3N,ARHGAP9,S100A9,RASAL3,ITGB7,SLFN8,OASL1,C5AR1,LGALS3BP,IL21R,CD274,SLAMF9,MYO1F,CD300C2,CSF3R,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,OAS1A,C1S1,WAS,CD44,FCER1G,APOBEC3,TLR9,DLK1,RHOH,GALNT15,NEURL3,P2RY6,LST1,SPI1,SASH3,USP18,ACP5,ICOSL,SNX20,CD163,IKZF1,CTSC,LAG3,CYP26B1,VAV1,PARP14,PTAFR,NCF4,HIF3A,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,S100A4,STAT1,LY86,PLCG2,RAB32,FGL2,CP,F13A1,ARHGAP25,HK2,ADAP2,GBP7,UNC93B1,LY6A,ADORA3,GBP9,ASPG,HIST1H4H,KCNK6,LSP1,CTLA2B,DHX58,FAM46C,NCF2,TRIM30D,FGD2,INPP5D,CD33,PTPN22,PARP9,DTX3L,FKBP5,PHYHD1,TGFBI,ABCC3,CARD9,FGFBP1,ACER2,CBR2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLHL6,PIK3R6,CCR5,BTK,IL4RA,IFIT3,ISG15,NFAM1,APOC1,IRF9,RAB20,IFITM3,ECM1,CMTM7,SP100,RIN3,CD53,RASD1,UBE2L6,CTSZ,DNASE2A,BIN2,MT2,SH3BP2,NFKBIE,PIM1
tf	TF:M00655_1	Factor: PEA3; motif: ACWTCCK; match class: 1	14402	415	325	0.00557	0.783	0.023	1	CLEC4E,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,CXCL9,CD74,IFI204,FCGR4,LCN2,H2-AA,CYBB,ITGAX,TSPAN32,H2-EB1,PIRB,CD22,LY9,NLRC5,CXCL10,IFI209,GM4951,IFI207,ZBP1,CSF2RB2,CD52,LRG1,LYZ2,CD4,CCL12,MS4A6C,TGTP2,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,SPINT1,SLFN2,BPIFB4,EPSTI1,TGTP1,IRGM2,SLC11A1,MS4A6B,GIMAP4,IRF7,ACAP1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,CTSS,TAGAP,A2M,FYB,C3AR1,C4B,CD84,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,CCR2,S100A8,RAC2,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,OASL1,C5AR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,FCGR1,LCP2,TNFSF13B,ADGRE1,FCER1G,ETNPPL,TLR9,SP110,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,USP18,ACP5,ICOSL,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,HK2,GFAP,LAIR1,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,LY6A,GBP9,HVCN1,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,PIK3CG,DHX58,RNF213,PARP3,IKBKE,NCF2,IL1A,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,LGALS9,DTX3L,CD14,PHYHD1,ABCC3,CARD9,NCKAP1L,FGFBP1,MAP3K6,CBR2,RHBDF2,RSAD2,PARP10,PRODH,LAPTM5,VWF,PLAU,TRIM21,IL6RA,PDZPH1,TRIM12A,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,IL1R1,IL4RA,UBA7,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,TMEM173,SP100,RIN3,CD53,RASD1,FOLH1,TGM2,UBE2L6,CTSZ,BIN2,FAM107A,MT2,PSTPIP1,SH3BP2,NFKBIE,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,UGT8A,FOS,EGR4,MYOC,KLK6,COL28A1,STOML3,BC049352,OMP,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,IFI203,ISG20,CCL9,PRR5L,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CMKLR1,CASP4
tf	TF:M00774_0	Factor: NF-kappaB; motif: NGGGANTTYCCMNNNN; match class: 0	3882	486	129	0.0072	0.265	0.033	1	HCAR2,CCL5,C3,CD74,CCL8,H2-AB1,H2-AA,LY9,CXCL10,CD52,IGTP,MS4A6C,H2-Q4,SPINT1,TGTP1,IRGM2,B2M,MS4A6B,CLEC12A,BST2,H2-DMB1,H2-T23,TAGAP,GBP6,C4B,LAT,CD48,OASL2,SULT1A1,TLR2,HCK,NAIP2,GBP5,LGALS3BP,LTB,TLR12,MYO1F,ICAM1,WFDC17,TMEM252,GBP4,LRRC25,CXCL16,LCP2,ADGRE1,DLK1,NEURL3,FCGR2B,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,AIF1,ARHGAP30,PIK3R5,NCF4,HIF3A,DOCK2,ALOX5AP,GFAP,LAIR1,PLA1A,CTSH,UNC93B1,LSP1,MAFB,PARP3,IKBKE,PRKCD,PIK3AP1,TRIM30D,SERPING1,TREM2,BIRC3,TGFBI,ABCC3,RSAD2,PARP10,PRODH,LAPTM5,PLAU,TRIM21,FAM111A,LPXN,IL1R1,IL4RA,RAB20,TMEM173,TOR3A,RASD1,GLIPR2,DNASE2A,MT2,SH3BP2,NFKBIE,PIM1,GGTA1,CYTH4,ATF5,UGT8A,KLK6,STOML3,CAPN11,EBI3,CCL9,TNFAIP3,CASP4,STEAP4,GPR65,BATF2,GBP10,LY6G5B,CLEC4N,DUSP2,STAB1,CCL17,F10,NAPSA,IL16,TRIM14,BCL3,CNMD,GPR35,CCL2,VMO1,SLAMF8,PSD4,IGSF6
tf	TF:M00194_0	Factor: NF-kappaB; motif: NGGGGAMTTTCCNN; match class: 0	5300	276	111	0.0000389	0.402	0.021	1	HCAR2,C130026I21RIK,CCL1,CCL5,CXCL9,CD74,CCL8,LCN2,H2-AA,CYBB,H2-EB1,LY9,AOAH,NLRC5,CXCL10,IFI209,CD52,LRG1,LYZ2,IGTP,MS4A6C,H2-OA,MYO1G,IL2RG,H2-Q4,ITGAL,SPINT1,IRGM2,B2M,GBP2,MS4A6B,CLEC12A,BST2,H2-DMB1,H2-T23,IRGM1,TAGAP,GBP6,A2M,FYB,C4B,CLEC4A2,LAT,ST14,CD48,OASL2,S100A8,SULT1A1,TLR2,HCK,NAIP2,GBP5,XDH,LGALS3BP,IL21R,LTB,MYO1F,CD300C2,WFDC17,CSF3R,TNFAIP2,TMEM252,GBP4,PLD4,TNFSF13B,ETNPPL,TLR9,DLK1,SP110,IL10RA,NEURL3,APOBEC1,ICOSL,SNX20,PTPN6,GSDMD,ADCY7,TNFRSF1B,CRYBB1,H2-M3,AIF1,CYP26B1,PARP14,ARHGAP30,PIK3R5,GBP3,ARHGAP45,S100A4,FAS,ALOX5AP,NUAK2,CD37,FGL2,F13A1,ARHGAP25,GFAP,CD68,PLA1A,CTSH,UNC93B1,GBP9,TSPO,HIST1H4H,MAFB,IKBKE,PRKCD,PIK3AP1,TRIM30D,CAPN3,SERPING1,INPP5D
tf	TF:M01223_0	Factor: P50:P50; motif: NRGGGAMTNCCCN; match class: 0	2412	54	21	0.000235	0.389	0.009	1	HCAR2,CLEC4E,H2-M2,CCL1,CCL5,C3,H2-Q7,CD74,FCGR4,H2-AA,H2-Q6,H2-EB1,PIRB,LY9,CXCL10,CD52,IGTP,MS4A6C,MYO1G,H2-Q4,H2-K1
tf	TF:M00646_1	Factor: LF-A1; motif: GGGSTCWR; match class: 1	13155	475	350	0.000102	0.737	0.027	1	HCAR2,H2-M2,CD8B1,C130026I21RIK,GZMB,CCL1,CCL5,C3,H2-Q7,CD74,CCL8,FCGR4,H2-AB1,LCN2,ITGAX,H2-Q6,TSPAN32,H2-EB1,CD22,AOAH,NLRC5,IFI209,GIMAP3,IFI207,ZBP1,CSF2RB2,LYZ2,IGTP,CSF2RB,IIGP1,H2-OA,H2-Q4,H2-K1,LGALS3,AB124611,ITGAL,MS4A6D,H2-D1,TAP1,SPINT1,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GBP2,CLEC12A,IRF7,ACAP1,H2-DMB1,TLR1,H2-T23,IRGM1,CTSS,GBP6,FYB,C4B,ELF4,C1RA,LAT,ST14,CD48,SERPINA3N,OASL2,S100A8,RAC2,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,PLAC8,OASL1,C5AR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,C1S1,LRRC25,CXCL16,FCGR3,FCGR1,TNFSF13B,WAS,ADGRE1,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,C1QC,LST1,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,PTPN6,GSDMD,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,IKZF1,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,TNFAIP8L2,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,FGL2,F13A1,ARHGAP25,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,LY6A,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,MAFB,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,PIK3AP1,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,TREM2,BIRC3,TIFAB,LGALS9,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,TYROBP,FGFBP1,ACER2,CBR2,RHBDF2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,IL6RA,PDZPH1,PIK3R6,H2-T22,LCK,BTK,IFIT1,IL4RA,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,TMEM173,SP100,RIN3,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,CTSZ,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,MERTK,ITIH3,GRN,CYTH4,IFI35,LY6E,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,BC049352,CAPN11,OMP,GKN3,CYP2E1,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CCL9,ANG,CD180,LTBP2,TNFAIP3,LIPH,CMKLR1,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,PTGER4,HK3,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,LRMP,BATF2,SIGLECE,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,STAB1,PON3,GFY,LAT2,GBP8,CCL17,SLC38A8,HTR6,MMP2,CD247,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35
tf	TF:M01207_1	Factor: c-Ets-2; motif: CTTCCTG; match class: 1	13303	485	375	6.55E-09	0.773	0.028	1	HCAR2,CLEC4E,C130026I21RIK,CCL1,C3,CHIL3,CXCL9,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,TSPAN32,H2-EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,GM4951,GIMAP3,IFI207,CSF2RB2,CD52,LRG1,LYZ2,CD4,IGTP,CCL12,CSF2RB,TGTP2,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,ITGAL,MS4A6D,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,MS4A6B,GIMAP4,IRF7,ACAP1,H2-DMB1,TLR1,IRGM1,CTSS,TAGAP,GBP6,FYB,CD84,ELF4,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OASL2,S100A8,RAC2,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,PLAC8,XDH,C5AR1,LGALS3BP,LTB,TLR12,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,WFDC17,CSF3R,TLR13,TTR,OAS2,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,FCGR3,LCP2,TNFSF13B,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,ACP5,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,AIF1,LAG3,CYP26B1,CD86,CLEC10A,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,CD37,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,CTLA2B,MAFB,PIK3CG,RNF213,IKBKE,NCF2,PRKCD,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PARP9,TREM2,BIRC3,DTX3L,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,TRIM21,KLHL6,IL6RA,PDZPH1,FAM111A,CCR5,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,CEBPA,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,TMEM173,SP100,RIN3,CD53,ADM,TOR3A,RASD1,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,GGTA1,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,FOS,EGR4,MYOC,KLK6,STOML3,BC049352,OMP,GKN3,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,IFI203,MFSD7A,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CMKLR1,CASP4,STEAP4,AI467606,GPR65,MNDAL,HK3,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,SIGLECE,GLRA4,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,PON3,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,MMP2,CD247,F10,APOL9A,IL16,TRIM14,BCL3,NPPC,CRHR2,C2,GPR35,ALDH1A7,UNC13D,1700016K19RIK,SPN,CCL2,UPK1B,VMO1,SLAMF8,CAMP,PSD4
tf	TF:M03844_0	Factor: SAP-1a; motif: CWTCCKGT; match class: 0	8848	449	252	0.00000149	0.561	0.028	1	CLEC4D,CLEC4E,CCL1,CCL5,C3,CHIL3,H2-Q7,IFI204,FCGR4,LCN2,H2-AA,H2-Q6,H2-EB1,PIRB,CD22,LY9,AOAH,CXCL10,IFI209,GIMAP3,IFI207,CD52,LRG1,LYZ2,CD4,TGTP2,H2-OA,MYO1G,H2-Q4,BCL2A1B,H2-K1,IL12RB1,ITGAL,MS4A6D,H2-D1,TAP1,SLFN2,CLEC4A1,EPSTI1,TGTP1,PSMB9,MS4A6B,GIMAP4,IRF7,BST2,TLR1,IRGM1,TAGAP,GBP6,FYB,C3AR1,CLEC4A2,LAT,ITGB2,ARHGAP9,OASL2,CCR2,S100A8,RAC2,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,XDH,LGALS3BP,IL21R,LTB,TLR12,IFI44,SLAMF9,MYO1F,ICAM1,WFDC17,TLR13,PTPRC,TMEM252,GBP4,CCL6,C1S1,PLD4,TRIM30A,LRRC25,LCP2,TNFSF13B,WAS,ADGRE1,FCER1G,APOBEC3,SP110,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,ACP5,SNX20,PTPN6,FERMT3,CD163,CRYBB1,H2-M3,AIF1,LAG3,CLEC10A,PARP14,ARHGAP30,PIK3R5,GBP3,LCP1,TMEM140,H2-DMA,ARHGAP45,HAVCR2,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,F13A1,ARHGAP25,CD68,ADAP2,CCDC88B,PLA1A,UNC93B1,SEPT1,LY6A,GBP9,HVCN1,ASPG,TSPO,LSP1,CTLA2B,PIK3CG,DHX58,RNF213,PIK3AP1,TRIM30D,CAPN3,TMEM106A,FGD2,INPP5D,CD33,PARP9,TREM2,LGALS9,DTX3L,CD14,PHYHD1,TGFBI,NCKAP1L,CD300A,TYROBP,MAP3K6,ACER2,RSAD2,LAPTM5,TRIM21,KLHL6,IL6RA,FAM111A,LCK,BTK,CSF1R,UBA7,CEBPA,NFAM1,APOC1,RAB20,IFITM3,ECM1,CMTM7,CD53,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,DNASE2A,BIN2,PSTPIP1,NFKBIE,MERTK,ITIH3,CYTH4,LY6E,COL1A1,NPAS4,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,BC049352,GKN3,CYP2E1,FCRLS,CFB,CST7,HP,PHF11D,GPR84,FBLIM1,ARL11,EBI3,IFI203,MFSD7A,PRR5L,ANG,CLEC4A3,LTBP2,I830077J02RIK,LIPH,CASP4,AI467606,GPR65,MNDAL,HK3,DOK1,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,GBGT1,LY6G5B,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F

tf	TF:M03844_1	Factor: SAP-1a; motif: CWTCCKGT; match class: 1	2412	458	92	0.0000681	0.201	0.038	2	IFI204,PIRB,CXCL10,IFI209,LRG1,LYZ2,CD4,TGTP1,TLR1,TAGAP,FYB,LAT,ARHGAP9,S100A8,GBP5,XDH,LTB,MYO1F,PTPRC,TMEM252,CCL6,PLD4,TNFSF13B,FCER1G,NEURL3,TRPV4,P2RY6,NAIP5,RTP4,SPI1,ACP5,SNX20,FERMT3,CRYBB1,H2-M3,LAG3,CLEC10A,LCP1,H2-DMA,S100A4,FAS,ALOX5AP,STAT1,F13A1,CD68,ADAP2,PLA1A,UNC93B1,GBP9,TSPO,LSP1,PIK3CG,RNF213,CAPN3,INPP5D,CD33,PARP9,PHYHD1,NCKAP1L,ACER2,LAPTM5,IL6RA,BTK,CSF1R,APOC1,IFITM3,CD53,RASD1,DNASE2A,BIN2,PSTPIP1,NFKBIE,KLK6,STOML3,FCRLS,CFB,EBI3,MFSD7A,PRR5L,CLEC4A3,LTBP2,LIPH,AI467606,HK3,DOK1,IL3RA,CYP4F18,LRMP,ZC3H12A,FAM26F,PON3,CCL17
tf	TF:M00054_0	Factor: NF-kappaB; motif: GGGAMTTYCC; match class: 0	5054	487	168	0.000114	0.345	0.033	1	HCAR2,H2-M2,C130026I21RIK,CCL1,CCL5,H2-Q7,CD74,CCL8,H2-AB1,LCN2,H2-AA,H2-Q6,LY9,CXCL10,IFI209,CD52,LYZ2,IGTP,MS4A6C,IL2RG,H2-Q4,H2-K1,H2-D1,SPINT1,IRGM2,B2M,GBP2,MS4A6B,CLEC12A,BST2,H2-DMB1,H2-T23,IRGM1,TAGAP,GBP6,FYB,C4B,LAT,CD48,SERPINA3N,OASL2,S100A8,SULT1A1,TLR2,HCK,NAIP2,GBP5,LGALS3BP,IL21R,LTB,MYO1F,CD300C2,ICAM1,WFDC17,TNFAIP2,TMEM252,GBP4,PLD4,LRRC25,CXCL16,ADGRE1,TLR9,DLK1,SP110,NEURL3,APOBEC1,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CRYBB1,AIF1,CYP26B1,CLEC10A,PARP14,ARHGAP30,PIK3R5,NCF4,GBP3,HIF3A,DOCK2,ARHGAP45,FAS,CD37,ARHGAP25,LAIR1,CCDC88B,PLA1A,CTSH,UNC93B1,GBP9,TSPO,LSP1,MAFB,DHX58,PARP3,IKBKE,PRKCD,PIK3AP1,TRIM30D,CAPN3,SERPING1,TREM2,BIRC3,TGFBI,ABCC3,RSAD2,PARP10,PRODH,IFI27L2A,LAPTM5,PLAU,TRIM21,PDZPH1,FAM111A,LPXN,IL1R1,IL4RA,RAB20,SP140,IFITM3,TMEM173,RASD1,TGM2,GLIPR2,MT2,NFKBIE,PIM1,GGTA1,CYTH4,ATF5,UGT8A,KLK6,STOML3,CAPN11,CYP2E1,CFB,EBI3,TEKT4,CCL9,TNFAIP3,CASP4,GPR65,CCRL2,DOK1,IL3RA,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,DOK2,PLAUR,STAB1,GFY,GBP8,CCL17,SLC38A8,NAPSA,IL16,BCL3,CNMD,CCL2,VMO1,SLAMF8,IGSF6,MILR1
tf	TF:M00733_0	Factor: SMAD4; motif: GKSRKKCAGMCANCY; match class: 0	16267	493	422	0.00139	0.856	0.026	1	HCAR2,CLEC4D,CD8B1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CXCL9,H2-Q7,CD74,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,GIMAP3,ZBP1,CSF2RB2,CD52,LRG1,LYZ2,CD4,IGTP,CCL12,MS4A6C,CSF2RB,TGTP2,IIGP1,H2-OA,MYO1G,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,PSMB8,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,GBP2,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,TAGAP,GBP6,A2M,FYB,C4B,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,S100A9,OASL2,MPEG1,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,TLR2,NAIP2,GBP5,SLFN8,PLAC8,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,SP110,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,PLCG2,BLNK,NUAK2,CD37,FGL2,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,ADAP2,CCDC88B,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,MLPH,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,ABCC3,CARD9,NCKAP1L,CD300A,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLHL6,IL6RA,PDZPH1,TRIM12A,FAM111A,PIK3R6,H2-T22,CCR5,LCK,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,SP100,RIN3,ADM,RASD1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,MYOC,KLK6,STOML3,BC049352,CAPN11,OMP,GKN3,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CMKLR1,STEAP4,AI467606,PLBD1,GPR65,MNDAL,PTGER4,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,STAB1,GPX6,PON3,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,HTR6,MMP2,CD247,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,UNC13D,1700016K19RIK,SPN,CCL2,UPK1B,VMO1,SLAMF8,CAMP,PSD4,MILR1,BAZ1A,CASP12,BGLAP2,RAPSN,MAS1,1810011H11RIK
tf	TF:M00733_1	Factor: SMAD4; motif: GKSRKKCAGMCANCY; match class: 1	10532	479	287	0.00809	0.599	0.027	2	HCAR2,CLEC4D,CD8B1,CCL1,CCL5,C3,H2-Q7,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,CD22,AOAH,NLRC5,CXCL10,ZBP1,CSF2RB2,LYZ2,IGTP,CSF2RB,TGTP2,H2-OA,MYO1G,IL12RB1,LGALS3,AB124611,PSMB8,H2-D1,TAP1,SLFN2,CLEC4A1,BPIFB4,TGTP1,PSMB9,GIMAP4,IRF7,ACAP1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,TAGAP,ELF4,C1RA,LAT,ITGB2,ST14,SERPINA3N,S100A9,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,TLR2,NAIP2,PLAC8,C5AR1,LGALS3BP,IL21R,LTB,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TTR,OAS2,NCF1,PYCARD,GBP4,OAS1A,CCL6,C1S1,PLD4,LRRC25,CXCL16,TNFSF13B,WAS,C1QB,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,SNX20,PTPN6,FERMT3,ADCY7,CD163,CRYBB1,NGP,IKZF1,AIF1,LAG3,CYP26B1,CLEC10A,VAV1,PIK3R5,PTAFR,NCF4,HIF3A,TMEM140,ARHGAP45,DENND1C,S100A4,FAS,ALOX5AP,PLCG2,BLNK,NUAK2,CD37,FGL2,F13A1,ARHGAP25,HK2,DDX60,ADAP2,CCDC88B,CTSH,GBP7,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,PIK3CG,DHX58,RNF213,FAM46C,PARP3,PRKCD,IL1A,PIK3AP1,FGD2,INPP5D,PARVG,MAFF,MLPH,PARP9,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,ABCC3,CARD9,ACER2,CBR2,RSAD2,PARP10,PRODH,TAP2,IFI27L2A,LAPTM5,VWF,PLAU,KLHL6,IL6RA,TRIM12A,FAM111A,H2-T22,CCR5,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,NFAM1,APOC1,RAB20,SP140,ECM1,CMTM7,TMEM173,SP100,ADM,RASD1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,FAM107A,SLCO4A1,PSTPIP1,NFKBIE,PIM1,GGTA1,ITIH3,GRN,CYTH4,IFI35,LY6E,COL1A1,APLN,NGFR,ATF5,FOS,MYOC,KLK6,BC049352,CAPN11,OMP,GKN3,CFB,CST7,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,MFSD7A,ISG20,ANG,CLEC4A3,LTBP2,TNFAIP3,LIPH,CMKLR1,AI467606,PLBD1,DOK1,PRR22,IL3RA,RETNLG,LRMP,ICOS,GLRA4,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,STAB1,GPX6,LAT2,GBP8,CCL17,SLC38A8,HTR6,MMP2,F10,APOL9A,TRIM14,BCL3,NPPC,CRHR2,C2,GPR35,UNC13D,1700016K19RIK,SPN
tf	TF:M07461_0	Factor: KLF; motif: GGGNGGGG; match class: 0	13334	466	343	0.00112	0.736	0.026	1	HCAR2,CLEC4D,H2-M2,CD8B1,C130026I21RIK,GZMB,CCL5,CXCL9,H2-Q7,CD74,CCL8,IFI204,H2-AB1,LCN2,H2-AA,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,AOAH,NLRC5,CXCL10,GM4951,GIMAP3,ZBP1,CD52,LRG1,IGTP,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,PSMB9,B2M,GBP2,MS4A6B,IRF7,ACAP1,BST2,H2-T23,IRGM1,CTSS,TAGAP,GBP6,C4B,CD84,ELF4,C1RA,LAT,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,MPEG1,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,SLFN8,PLAC8,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,CSF3R,TLR13,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,TNFSF13B,WAS,CD44,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,C1QC,LST1,NAIP5,SASH3,APOBEC1,ACP5,ICOSL,IRF1,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,LCP1,CAPG,TMEM140,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,PLCG2,BLNK,CD37,F13A1,HK2,DDX60,GFAP,CD68,LAIR1,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,LSP1,MAFB,DHX58,PARP3,IKBKE,NCF2,PRKCD,PIK3AP1,TRIM30D,CAPN3,SERPING1,FGD2,PARVG,MAFF,CD33,PTPN22,BIRC3,LGALS9,FKBP5,PHYHD1,TGFBI,CARD9,NCKAP1L,TYROBP,MAP3K6,CBR2,RHBDF2,PARP10,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,KLHL6,IL6RA,PDZPH1,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,IL1R1,IFIT1,IL4RA,UBA7,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,PRSS35,KLK6,COL28A1,STOML3,CAPN11,OMP,GKN3,CYP2E1,FCRLS,CFB,CST7,HP,FBLIM1,TMEM52,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CCL9,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CASP4,STEAP4,AI467606,PLBD1,GPR65,CCRL2,PTGER4,AA467197,DOK1,PRR22,IL3RA,CYP4F18,XLR,PTPN18,LRMP,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,ZC3H12A,B3GNT3,UPP1,DUSP2,FAM26F,STAB1,GPX6,PON3,GFY,GBP8,CCL17,SLC38A8,HTR6,MMP2,CD247,F10,APOL9A
tf	TF:M07461_1	Factor: KLF; motif: GGGNGGGG; match class: 1	7949	492	229	0.0458	0.465	0.029	2	H2-M2,C130026I21RIK,GZMB,CCL5,H2-Q7,H2-AB1,LCN2,ITGAX,H2-Q6,TSPAN32,NLRC5,GIMAP3,ZBP1,CD52,LRG1,IGTP,MYO1G,H2-Q4,H2-K1,IL12RB1,LGALS3,AB124611,ITGAL,PSMB8,H2-D1,TAP1,SLFN2,BPIFB4,PSMB9,IRF7,ACAP1,BST2,CTSS,TAGAP,C1RA,LAT,S100A9,SULT1A1,ITGB7,PLAC8,XDH,OASL1,LGALS3BP,IL21R,LTB,TLR12,CD274,MYO1F,CSF3R,OAS2,NCF1,PYCARD,PTPRC,GBP4,OAS1A,C1S1,PLD4,LRRC25,CXCL16,FCGR3,TNFSF13B,CD44,TLR9,DLK1,RHOH,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,C1QC,LST1,SASH3,APOBEC1,ACP5,ICOSL,IRF1,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,CTSC,AIF1,LAG3,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,TMEM140,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,PLCG2,BLNK,HK2,GFAP,CD68,CTSH,GBP7,UNC93B1,ADORA3,GBP9,HVCN1,ASPG,LSP1,DHX58,PARP3,IKBKE,NCF2,PRKCD,PIK3AP1,SERPING1,PARVG,MAFF,BIRC3,LGALS9,FKBP5,CARD9,NCKAP1L,MAP3K6,CBR2,RHBDF2,PARP10,TAP2,XAF1,LAPTM5,VWF,IL6RA,PDZPH1,PIK3R6,H2-T22,LPXN,BTK,IL4RA,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,RIN3,ADM,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,DNASE2A,BIN2,FAM107A,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,CAPN11,OMP,CFB,HP,TMEM52,EBI3,TEKT4,ISG20,CLEC4A3,I830077J02RIK,TNFAIP3,AI467606,PLBD1,GPR65,CCRL2,PTGER4,AA467197,DOK1,PRR22,IL3RA,XLR,LRMP,BATF2,GBGT1,GLRA4,B3GNT3,UPP1,DUSP2,FAM26F,STAB1,PON3,GFY,SLC38A8,MMP2,CD247,TRIM14,BCL3,CRHR2,UNC13D,SPN,CCL2,UPK1B,VMO1,SLAMF8,CAMP,BAZ1A,BGLAP2,RAPSN,MAS1
tf	TF:M02041_0	Factor: Spi-B; motif: ASNGGAASTN; match class: 0	16900	362	323	0.00738	0.892	0.019	1	HCAR2,CLEC4D,CLEC4E,CD8B1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,H2-Q7,CD74,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,AOAH,CXCL10,IFI209,GM4951,GIMAP3,IFI207,CSF2RB2,CD52,LRG1,LYZ2,CD4,IGTP,CCL12,MS4A6C,CSF2RB,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GBP2,MS4A6B,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,TLR1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,A2M,FYB,C3AR1,C4B,CD84,CLEC4A2,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,MPEG1,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OASL1,C5AR1,LGALS3BP,IL21R,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,OAS2,PYCARD,TNFAIP2,TMEM252,GBP4,CCL6,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,TLR9,RHOH,SP110,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,RTP4,SPI1,SASH3,APOBEC1,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,ARHGAP30,PIK3R5,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,FGL2,CP,F13A1,ARHGAP25,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,LY6A,ADORA3,GBP9,HVCN1,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,CD33,MLPH,PTPN22,PARP9,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLHL6,IL6RA,PDZPH1,TRIM12A,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,IL1R1,IL4RA,UBA7,IFIT3,CEBPA,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,CD53,ADM,TOR3A,RASD1,FOLH1,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK

tf	TF:M02041_1	Factor: Spi-B; motif: ASNGGAASTN; match class: 1	10495	370	248	3.16E-08	0.67	0.024	2	HCAR2,CLEC4D,CLEC4E,CDBB1,CCL1,CCL5,CHIL3,H2-Q7,CD74,FCGR4,H2-AA,ITGAX,H2-Q6,TSPAN32,H2- EB1,PIRB,CD22,AOAH,IFI209,GM4951,IFI207,CD52,LRG1,LY22,CD4,IGTP,CCL12,MS4A6C,CSF2RB,IGP1,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,ITGAL,MS4A6D,H2- D1,TAP1,SLFN2,BPIFB4,EPSTI1,PSMB9,IRGM2,MS4A6B,GIMAP4,IRF7,ACAP1,BST2,TLR1,TAGAP,A2M,FYB,C3AR1,C4B,CD84,CLEC4A2,C1RA,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,CCR2,S1 00A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,PLAC8,THEMIS2,XDH,IL21R,TLR12,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,OAS2,PYCARD,TN FAIP2,TMEM252,GBP4,CCL6,PLD4,TRIM30A,LRRC25,FCGR3,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,TLR9,SP110,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,RTP4,SPI1,SASH3,ACP5,ICOSL,I RF1,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CD163,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,LAG3,CD86,CLEC10A,VAV1,PIK3R5,NCF4,GBP3,LCP1,DOCK2,TMEM140,H2- DMA,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,BLNK,NUAK2,CD37,RAB32,F13A1,ARHGAP25,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,GBP7,UNC93B1,LY6A,ADORA3,GBP9,H VCN1,KCNK6,LSP1,CTLA2B,PIK3CG,DHXS8,IKBKE,PRKCD,IL1A,PIK3AP1,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,CD33,MLPH,PTPN22,PARP9,BIRC3,TIFAB,LGALS9,DTX3L,PHYHD1,TGFBI,C ARD9,NCKAP1L,CD300A,TYROBP,MAP3K6,CBR2,RHBDF2,RSAD2,PARP10,PRODH,IFI27L2A,LAPTM5,PLAU,TRIM21,KLH6,IL6RA,TRIM12A,FAM111A,H2- T22,CCR5,LCK,BTK,CSF1R,IL1R1,NFAM1,APOC1,IRF9,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,CDS3,ADM,RASD1,UBE2L6,GLIPR2,CTSZ,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1, MERTK,GRN,CYTH4,IFI35,LY6E,COL1A1,NPAS4
tf	TF:M03804_1	Factor: Tal-1; motif: CAGATGG; match class: 1	7838	466	216	0.0356	0.464	0.028	1	HCAR2,CLEC4E,G2MB,CCL5,CXCL9,H2-Q7,CD74,CCL8,FCGR4,LCN2,H2-AA,ITGAX,H2-Q6,TSPAN32,PIRB,CD22,LY9,AOAH,NLRC5,ZBP1,CD52,LRG1,CD4,CCL12,CSF2RB,H2- QA,MYO1G,MS4A7,AB124611,FSMB8,H2- D1,BPIFB4,SLC11A1,IRF7,ACAP1,CTSS,TAGAP,C4B,CD84,ELF4,C1RA,ITGB2,SERPINA3N,ARHGAP9,MPEG1,CRYBA4,SULT1A1,ITGB7,HCK,PLAC8,THEMIS2,CSAR1,LGALS3BP,IL21R,LTB,MYO1F,CD300C 2,ICAM1,TTR,OAS2,NCF1,PTPRC,OAS1A,PLD4,CXCL16,FCGR1,WAS,C1QB,FCER1G,ETNPP1,APOBEC3,TLR9,RHOH,NEURL3,P2RY6,FCGR2B,HCLS1,C1QC,SP1,APOBEC1,JCOSL,IRF1,PTPN6,GSDMD,ADC Y7,CD163,CRYBB1,CTSC,LAG3,CD86,CLEC10A,VAV1,PARP14,TFAFR,NCF4,HIF3A,DOCK2,DENND1C,STAT1,BLNK,ARHGAP25,CCDC88B,PLA1A,CTSH,GBP7,TSPO,KCNK6,LSP1,RNF213,PRKCD,SERPING1, FGD2,INPP5D,PARVG,MAFF,MLPH,PTPN22,TREM2,TIFAB,LGALS9,DTX3L,CD14,PHYHD1,CARD9,TYROBP,FGFBP1,CBR2,RHBDF2,RSAD2,PRODH,TAP2,KAF1,LAPTM5,VWF,PLAU,TRIM21,IL6RA,FAM1 11A,LPXN,IL1R1,IL4RA,ISG15,APOC1,IRF9,CMTM7,TMEM173,ADM,RASD1,FOLH1,UBE2L6,GLIPR2,DNASE2A,FAM107A,MT2,PSTPIP1,NFKBIE,GGTA1,GRN,CYTH4,IFI35,LY6E,NPAS4,ATF5,MYOC,PRS S35,KLK6,COL2BA1,STOML3,BC049352,CAPN11,OMP,CYP2E1,FCRLS,CFB,CST7,PHF11D,GPR84,FBLIM1,ARL11,TEKT4,IFI203,MFSD7A,ISG20,CC19,PRRSL,CD180,LTBP2,IB300770Z02RIK,STEAP4,PTGER4 ,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,LRMP,ICOS,GBGT1,GLRA4,GBP10,LY6G5B,A630001G21RIK,B3GNT3,UPP1,DUSP2,STAB1,CPX6,SLAMF7,CCL17,SLC38A8,ACBD7,HTR6,CD247,F10,APOL9 A
tf	TF:M00007_0	Factor: Elk-1; motif: NAAACMGGAAGTNCVH; match class: 0	12861	429	311	0.000568	0.725	0.024	1	CLEC4E,H2-M2,C130026I21RIK,CCL1,CCL5,CHIL3,CD74,CCL8,IFI204,FCGR4,LCN2,H2-AA,TSPAN32,H2- EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,IFI207,ZBP1,CD52,LRG1,LY22,CD4,MS4A6C,CSF2RB,H2-QA,H2-Q4,H2-K1,IL12RB1,MS4A7,LGALS3,MS4A6D,IFI47,H2- D1,TAP1,SPINT1,CLEC4A1,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,MS4A6B,GIMAP4,IRF7,BST2,H2- DMB1,TLR1,IRGM1,TAGAP,A2M,FYB,C3AR1,C4B,ELF4,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,OAS1L2,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8, PLAC8,XDH,OAS1C,CSAR1,LGALS3BP,IL21R,LTB,TLR12,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,OAS2,PYCARD,TNFAIP2,TMEM252,GBP4,CCL6,C1S1,PLD4,TRIM30A,LRRC25,LCP 2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,TLR9,SP110,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,SPI1,SASH3,APOBEC1,ACP5,IRF1,SNX20,PTPN6,GSDMD,FERMT 3,TNFRSF1B,CD163,UGT1A7C,NGP,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,PARP14,ARHGAP30,PIK3R5,NCF4,GBP3,HIF3A,LCP1,DOCK2,H2- DMA,ARHGAP45,HAVCR2,DENND1C,S100A4,ALOX5AP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,F13A1,ARHGAP25,HK2,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,GBP7,UNC93B1,SEPT1,LY6A,ADOR A3,GBP9,ASPG,TSPO,HIST1H4H,LSP1,PIK3CG,DHXS8,FAM46C,IKBKE,PRKCD,IL1A,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,LGALS9,D TX3L,PHYHD1,TGFBI,CARD9,NCKAP1L,CD300A,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,VWF,PLAU,TRIM21,KLH6,IL6RA,PDZPH1,TRIM12A,FAM111A,PIK3R6,CCR5,LCK,BTK,CSF1R,IL1 R1,FIT1,UBA7,IFIT3,CEBPA,NFAM1,APOC1,IRF9,BAR20,SP140,IFITM3,ECM1,CMTM7,SP100,CDS3,ADM,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP 1,SH3BP2,NFKBIE,PIM1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,NGFR,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,BC049352,CAPN11,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84, ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CC19,PRRSL,CLEC4A3,CD180,SLC22A18,LTBP2,IB300770Z02RIK,LIPH,CMKLR1,AI467606,PLBD1,GPR65,CCRL2,MNDAL,HK3,DOK1,PRR22,IL3RA,CYP4F18,RETN LG
tf	TF:M00007_1	Factor: Elk-1; motif: NAAACMGGAAGTNCVH; match class: 1	5385	428	160	0.0000567	0.374	0.03	2	CCL5,CCL8,IFI204,FCGR4,LCN2,H2-EB1,LY9,AOAH,NLRC5,CXCL10,CD52,LRG1,LY22,H2- QA,IL12RB1,IFI47,TAP1,SPINT1,EPSTI1,TGTP1,PSMB9,SLC11A1,MS4A6B,GIMAP4,IRF7,TLR1,IRGM1,C4B,LAT,ITGB2,ST14,CD48,OAS1L2,S100A8,RAC2,TLR2,XDH,LGALS3BP,IL21R,LTB,SLAMF9,MYO1F ,CD300C2,WFDC17,PYCARD,TMEM252,GBP4,CCL6,PLD4,TRIM30A,LCP2,TNFSF13B,WAS,C1QB,FCER1G,NEURL3,CH25H,P2RY6,HCLS1,C1QC,LST1,NAIP5,SPI1,SASH3,ACP5,SNX20,GSDMD,FERMT3,CD 163,UGT1A7C,AIF1,CD86,CLEC10A,PARP14,PIK3R5,NCF4,LCP1,H2- DMA,HAVCR2,S100A4,ALOX5AP,BLNK,CD37,RAB32,ARHGAP25,LAIR1,ADAP2,CCDC88B,PLA1A,UNC93B1,LY6A,ADORA3,TSPO,PIK3CG,DHXS8,CAPN3,TMEM106A,INPP5D,CD33,MLPH,PARP9,TREM2, PHYHD1,TGFBI,NCKAP1L,MAP3K6,ACER2,RSAD2,PARP10,TRIM21,IL6RA,PDZPH1,CCR5,LCK,UBA7,NFAM1,APOC1,IRF9,FITM3,ECM1,SP100,CDS3,RASD1,DNASE2A,FAM107A,MT2,PSTPIP1,NFKBIE,C YTH4,LY6E,COL1A1,NPAS4,UGT8A,FOS,EGR4,KLK6,STOML3,BC049352,CYP2E1,FCRLS,CFB,CST7,HP,PHF11D,EBI3,IFI203,MFSD7A,CC19,CLEC4A3,SLC22A18,LTBP2,IB300770Z02RIK,LIPH,AI467606,GPR 65,CCRL2,MNDAL,HK3,IL3RA,CYP4F18
tf	TF:M00468_0	Factor: AP-2rep; motif: CAGTGGG; match class: 0	14736	496	391	0.00468	0.788	0.027	1	CLEC4D,H2-M2,CDBB1,G2MB,CCL1,CCL5,C3,CHIL3,CXCL9,H2-Q7,CD74,CCL8,IFI204,H2-AB1,LCN2,H2-AA,ITGAX,H2- Q6,TSPAN32,PIRB,CD22,LY9,NLRC5,IFI209,GM4951,GIMAP3,ZBP1,CSF2RB2,CD52,LRG1,LY22,CD4,CCL12,MS4A6C,CSF2RB,IGP1,H2-QA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2- K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,FSMB8,IFI47,H2-D1,TAP1,SLFN2,BPIFB4,IRGM2,SLC11A1,GBP2,GIMAP4,C1EC12A,IRF7,ACAP1,BST2,TLR1,H2- T23,TAGAP,GBP6,A2M,FYB,C3AR1,C4B,CD84,ELF4,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,MPEG1,CCR2,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,CSAR1,LG ALS3BP,IL21R,LTB,TLR12,CD274,SLAMF9,MYO1F,CD300C2,WFDC17,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,TMEM252,OAS1A,CCL6,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,W AS,CD44,ADGRE1,APOBEC3,TLR9,DUX1,GALNT15,NEURL3,TRPV4,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFR SF1B,CD163,CRYBB1,UGT1A7C,H2- M3,NGP,IKZF1,LAG3,CYP26B1,CLEC10A,VAV1,PARP14,ARHGAP30,PTAFR,NCF4,HIF3A,LCP1,CAPG,DOCK2,TMEM140,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,STAT1,LY86,PL CG2,BLNK,NUAK2,CD37,RAB32,FGL1,CP,F13A1,ARHGAP25,HK2,DDN60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,ADORA3,GBP9,HVCN1,ASPG,TSPO,LSP1,CTLA2B,MAF B,DHXS8,FAM46C,IKBKE,NCF2,PRKCD,IL1A,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,TREM2,BIRC3,LGALS9,FKBP5,CD14,PHYHD1,TGFBI,CARD9,NC KAP1L,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RSAD2,PARP10,PRODH,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,IL6RA,PDZPH1,TRIM12A,FAM111A,PIK3R6,H2- T22,LPXN,LCK,BTK,CSF1R,IL1R1,FIT1,IL4RA,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,BAR20,IFITM3,ECM1,TMEM173,RIN3,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,FAM1 07A,SLCO4A1,PSTPIP1,NFKBIE,PIM1,GGTA1,MERTK,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,EGR4,MYOC,KLK6,COL2BA1,STOML3,BC049352,CAPN11,OMP,GKN3,FCRLS,CFB, CST7,LY6C2,HP,PHF11D,GPR84,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CC19,PRRS1,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,IB300770Z02RIK,TNFAIP3,LIPH,CMKLR1,CASP4,AI467606,PLBD1 ,GPR65,CCRL2,MNDAL,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,KLR,PTPN18,BAT72,GBGT1,GBP10,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,B3GNT3,DUSP2,DOK2,PLAUR,FAM26F,ST AB1,PON3,GPY,CCL17,SLC38A8,ACBD7,HTR6,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,ALDH1A7,UNC13D,1700016K19RIK,SPN,UPK1B,VMO1,SLAMF8,CAMP,PSD4,MILR 1,BA21A,CASP12,BGLAP2,RAPSN,MAS1,1810011H11RIK,BCL2A1A,PILRA,AGR3
tf	TF:M00746_0	Factor: Elf-1; motif: RNWMBAGGAART; match class: 0	9663	297	180	0.000371	0.606	0.019	1	HCAR2,CLEC4D,CLEC4E,C130026I21RIK,CCL5,C3,CHIL3,H2-Q7,CD74,IFI204,FCGR4,H2-AB1,H2-AA,CYBB,H2-Q6,TSPAN32,H2- EB1,AOAH,NLRC5,CXCL10,IFI209,GM4951,GIMAP3,IFI207,ZBP1,CSF2RB2,CD52,LY22,CD4,IGTP,CCL12,CSF2RB,IGP1,H2-QA,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,MS4A6D,H2- D1,SPINT1,CLEC4A1,BPIFB4,EPSTI1,IRGM2,MS4A6B,GIMAP4,CLEC12A,TLR1,IRGM1,TAGAP,A2M,FYB,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,CD48,ARHGAP9,S100A9,OAS1L2,MPEG1,CCR2,CRYBA4,SUL T1A1,ITGB7,SLFN8,PLAC8,CSAR1,LTB,CD274,C1QA,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,OAS2,PTPRC,TNFAIP2,TMEM252,OAS1A,CCL6,C1S1,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,TNFSF13B,W AS,CD44,C1QB,ADGRE1,FCER1G,ETNPP1,TLR9,DUX1,SP110,IL10RA,NEURL3,P2RY6,FCGR2B,C1QC,LST1,RTP4,SPI1,APOBEC1,USP18,SNX20,PTPN6,GSDMD,FERMT3,CD163,CTSC,LAG3,CYP26B1,CD86, CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,CAPG,DOCK2,TMEM140,ARHGAP45,HAVCR2,FAS,ALOX5AP,PLCG2,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,CD68,ADAP2,CCDC88B,PL A1A,CTSH,GBP7,SEPT1,LY6A,ADORA3,GBP9,HVCN1,KCNK6,LSP1,PIK3CG,DHXS8,RNF213,PARP3,PRKCD,IL1A,PIK3AP1,CAPN3,TMEM106A,FGD2,INPP5D,CD33,PTPN22,PARP9,BIRC3,LGALS9,DTX3L,P HYHD1,ABCC5,CARD9,NCKAP1L,TYROBP,FGFBP1
tf	TF:M00746_1	Factor: Elf-1; motif: RNWMBAGGAART; match class: 1	2990	343	86	0.0001	0.251	0.029	2	CLEC4D,C130026I21RIK,CHIL3,H2-Q7,CD74,H2-AA,CYBB,H2-Q6,IFI209,GM4951,GIMAP3,IFI207,ZBP1,LY22,CD4,CCL12,H2-QA,H2-Q4,BCL2A1B,H2- K1,MS4A7,CLEC4A1,EPSTI1,CLEC12A,TAGAP,A2M,LAT,ITGB2,CD48,OAS1L2,CRYBA4,SULT1A1,SLFN8,PLAC8,CSAR1,CD300C2,ICAM1,TLR13,TNFAIP2,CCL6,CXCL16,ADGRE1,SP110,NEURL3,C1QC,LST1,R TP4,SNX20,CTSC,LAG3,VAV1,PIK3R5,PTAFR,NCF4,HIF3A,HAVCR2,ALOX5AP,NUAK2,RAB32,ARHGAP25,CD68,CCDC88B,CTSH,LY6A,LSP1,DHXS8,RNF213,IL1A,CD33,PTPN22,PARP9,BIRC3,LGALS9,DTX 3L,TYROBP,TRIM21,KLH6,H2-T22,LCK,BTK,IL1R1,IFIT3,NFAM1,SP140,ECM1,CD53

tf	TF:M01888_1	Factor: Smad3; motif: NGNCAGACASNNN; match class: 1	6134	383	151	0.017	0.394	0.025	1	HCAR2,CLEC4D,CCL1,CCL5,CCL8,FCGR4,H2-AB1,LCN2,H2-AA,GIMAP3,IFI207,ZBP1,CSF2RB2,LRG1,TGTP2,MYO1G,IL12RB1,MS4A7,AB124611,PSMB8,IFI47,TGTP1,IRGM2,CLEC12A,BST2,H2-DMB1,A2M,C4B,CD84,ELF4,LAT,ITGB2,ARHGAP9,CCR2,CRYBA4,NAIP2,SLFN8,THEMIS2,XDH,OASL1,C5AR1,IL21R,SLAMF9,TTR,OAS2,NCF1,TMEM252,OAS1A,C1S1,PLD4,CXCL16,FCGR3,LCP2,WAS,CD44,ADGRE1,FCER1G,ETNPPL,DLK1,IL10RA,TRPV4,P2RY6,HCLS1,LST1,NAIP5,RTP4,SPI1,APOBEC1,USP18,IRF1,SNX20,ADCY7,CD163,CRYBB1,H2-M3,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,VAV1,PTAFR,NCF4,GBP3,HIF3A,DOCK2,ARHGAP45,HAVCR2,DENND1C,ALOX5AP,STAT1,PLCG2,NUAK2,CD37,DDX60,CD68,ADAP2,CCDC88B,CTSH,GBP7,CTLA2B,MAFB,PIK3CG,RNF213,NCF2,PRKCD,IL1A,FGD2,MAFF,CD33,BIRC3,FKBP5,CD14,PHYHD1,CARD9,TYROBP,RHBDF2,RSAD2,PRODH,XAF1,LAPTM5,PLAU,IL6RA,H2-T22,IFIT1,IFIT3,NFAM1,RAB20,IFITM3,ECM1,SP100,RIN3,RASD1,TGM2,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,NGFR,UGT8A,PRSS35,KLK6,COL28A1,STOML3,BC049352,CAPN11
tf	TF:M00699_0	Factor: ICSBP; motif: RAARTGAAACTG; match class: 0	3849	351	104	0.000232	0.296	0.027	1	H2-Q7,FCGR4,H2-Q6,NLRC5,CXCL10,IFI209,GM4951,ZBP1,IGTP,TGTP2,IIGP1,IL2RG,H2-Q4,H2-K1,H2-D1,TGTP1,IRGM2,B2M,GBP2,IRF7,BST2,H2-DMB1,IRGM1,FYB,CD84,SERPINA3N,OASL2,MPEG1,CRYBA4,GBP5,SLFN8,PLAC8,THEMIS2,OASL1,CD274,IFI44,TLR7,PTPRC,GBP4,OAS1A,C1S1,PLD4,TRIM30A,TNFSF13B,C1QB,APOBEC3,NEURL3,P2RY6,FCGR2B,NAIP5,SASH3,GSDMD,FERMT3,CRYBB1,H2-M3,IKZF1,LAG3,ARHGAP30,GBP3,ARHGAP45,TNFAIP8L2,S100A4,LY86,RAB32,ARHGAP25,DDX60,GBP7,LY6A,TSPO,LSP1,DHX58,PRKCD,IL1A,TRIM30D,TMEM106A,SERPING1,FGD2,PARP9,DTX3L,TGFBI,NCKAP1L,PARP10,TAP2,XAF1,TRIM21,KLHL6,PDZPH1,TRIM12A,H2-T22,IFIT1,UBA7,IFIT3,ISG15,IRF9,SP140,OSMR,IFITM3,CD53,TOR3A,RASD1,FOLH1,UBE2L6,GLIPR2,CTSZ
tf	TF:M00699_1	Factor: ICSBP; motif: RAARTGAAACTG; match class: 1	472	445	31	0.0000423	0.07	0.066	2	FCGR4,NLRC5,CXCL10,IFI209,TGTP2,TGTP1,GBP2,H2-DMB1,THEMIS2,CD274,IFI44,OAS1A,C1S1,APOBEC3,P2RY6,H2-M3,GBP3,GBP7,TSPO,PARP9,DTX3L,IFIT1,UBA7,FOLH1,NPAS4,GPR65,CCRL2,MNDAL,CYP4F18,BATF2,UPP1
tf	TF:M00706_0	Factor: TFII-I; motif: RGAGGKAGG; match class: 0	9836	496	280	0.00874	0.565	0.028	1	CLEC4E,H2-M2,CD8B1,C130026I21RIK,GZMB,C3,H2-Q7,CD74,H2-AB1,LCN2,H2-AA,ITGAX,H2-Q6,H2-EB1,CD22,NLRC5,CXCL10,IFI209,GM4951,ZBP1,CD4,IGTP,MS4A6C,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,TAP1,SLFN2,EPSTI1,PSMB9,SLC11A1,GBP2,GIMAP4,IRF7,H2-DMB1,H2-T23,IRGM1,GBP6,CD84,C1RA,LAT,ITGB2,SERPINA3N,ARHGAP9,OASL2,S100A8,RAC2,ITGB7,TLR2,HCK,SLFN8,THEMIS2,OASL1,C5AR1,IL21R,LTB,CD274,C1QA,MYO1F,CD300C2,ICAM1,CSF3R,TLR13,NCF1,PYCARD,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,TRIM30A,FCGR3,FCGR1,TNFSF13B,WAS,CD44,C1QB,ETNPPL,RHOH,SP110,IL10RA,GALNT15,NEURL3,P2RY6,C1QC,LST1,NAIP5,SPI1,SASH3,ACP5,ICOSL,IRF1,GSDMD,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,PARP14,ARHGAP30,PTAFR,NCF4,CAPG,DOCK2,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,LY86,CD37,FGL2,CP,ARHGAP25,GFAP,CD68,LAIR1,CCDC88B,PLA1A,CTSH,GBP7,LY6A,ADORA3,GBP9,HVCN1,ASPG,MAFB,DHX58,RNF213,FAM46C,PARP3,NCF2,PRKCD,TRIM30D,SERPING1,FGD2,INPP5D,PARVG,MLPH,PTPN22,PARP9,TREM2,BIRC3,LGALS9,DTX3L,CD14,TGFBI,ABCC3,CARD9,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,PLAU,TRIM21,IL6RA,PDZPH1,FAM111A,PIK3R6,H2-T22,CCR5,IL1R1,IFIT1,UBA7,NFAM1,IRF9,RAB20,SP140,ECM1,SP100,ADM,TGM2,UBE2L6,GLIPR2,BIN2,MT2,PSTPIP1,SH3BP2,NFKBIE,CYTH4,CCDC3,COL1A1,NPAS4,APLN,NGFR,FOS,EGR4,MYOC,COL28A1,STOML3,BC049352,CAPN11,GKN3,FCRLS,CST7,LY6C2,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,SLC22A18,LIPH,CMKLR1,STEAP4,GPR65,MNDAL,PRR22,IL3RA,PTPN18,LRMP,BATF2,GBP10,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,STAB1,GPX6,PON3,CCL17,SLC38A8,HTR6,MMP2,CD247,APOL9A,NAPSA,IL16,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,ALDH1A7,1700016K19RIK,SPN,CCL2,UPK1B,PSD4,IGSF6,CASP12,BGLAP2,RAPSN,MAS1,1810011H11RIK,BCL2A1A,PILRA,AGR3
tf	TF:M02018_0	Factor: HTF4; motif: CASCTGB; match class: 0	15481	488	403	0.000956	0.826	0.026	1	CLEC4D,CLEC4E,H2-M2,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,H2-Q7,CD74,CCL8,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,GM4951,GIMAP3,IFI207,ZBP1,CSF2RB2,CD52,LRG1,LYZ2,CD4,IGTP,CCL12,MS4A6C,CSF2RB,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,MS4A6B,CLEC12A,IRF7,ACAP1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,A2M,C4B,CD84,CLEC4A2,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,ITGB7,TLR2,HCK,GBP5,SLFN8,THEMIS2,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,DOCK2,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,FAS,ALOX5AP,LY86,PLCG2,BLNK,NUAK2,CD37,FGL2,CP,F13A1,ARHGAP25,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,HVCN1,ASPG,TSPO,KCNK6,LSP1,MAFB,PIK3CG,RNF213,FAM46C,PARP3,IKBKE,NCF2,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,IL6RA,PDZPH1,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,BTK,IFIT1,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,TOR3A,RASD1,TGM2,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,BC049352,CAPN11,OMP,GKN3,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,ISG20,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,LIPH,CMKLR1,STEAP4,AI467606,PLBD1,CCRL2,MNDAL,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,RETNLG,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,CCL17,SLC38A8,ACBD7,MMP2,CD247,F10,APOL9A,NAPSA,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,ALDH1A7,UNC13D,SPN,CCL2,UPK1B,SLAMF8,CAMP,PSD4,IGSF6,MILR1,BAZ1A
tf	TF:M02018_1	Factor: HTF4; motif: CASCTGB; match class: 1	8986	493	259	0.00677	0.525	0.029	2	CLEC4D,CLEC4E,H2-M2,GZMB,CCL1,CCL5,C3,CHIL3,H2-Q7,CCL8,H2-AB1,LCN2,H2-Q6,H2-EB1,PIRB,AOAH,CXCL10,GIMAP3,ZBP1,CSF2RB2,CD52,LRG1,IGTP,CCL12,CSF2RB,H2-OA,MYO1G,H2-Q4,H2-K1,LGALS3,AB124611,MS4A6D,PSMB8,SPINT1,SLFN2,BPIFB4,EPSTI1,IRGM2,B2M,SLC11A1,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,CTSS,A2M,C4B,CLEC4A2,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OASL2,CCR2,RAC2,CRYBA4,SULT1A1,TLR2,HCK,THEMIS2,OASL1,C5AR1,LGALS3BP,IL21R,LTB,CD274,C1QA,CD300C2,ICAM1,WFDC17,CSF3R,NCF1,TMEM252,LRRC25,CXCL16,CD44,FCER1G,ETNPPL,APOBEC3,TLR9,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,C1QC,LST1,RTP4,SPI1,APOBEC1,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CRYBB1,NGP,IKZF1,AIF1,CLEC10A,ARHGAP30,DOCK2,ARHGAP45,HAVCR2,TNFAIP8L2,FAS,PLCG2,CD37,CP,HK2,GFAP,CD68,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,SEPT1,HVCN1,LSP1,MAFB,PIK3CG,FAM46C,PARP3,IKBKE,NCF2,PIK3AP1,PARVG,CD33,MLPH,PARP9,TREM2,TIFAB,DTX3L,FKBP5,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RSAD2,PARP10,PRODH,XAF1,LAPTM5,VWF,PLAU,TRIM21,IL6RA,PDZPH1,FAM111A,PIK3R6,H2-T22,BTK,UBA7,CEBPA,ISG15,IRF9,RAB20,OSMR,IFITM3,ECM1,CMTM7,TMEM173,TOR3A,RASD1,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,NPAS4,NGFR,ATF5,EGR4,PRSS35,KLK6,BC049352,CAPN11,OMP,CFB,CST7,LY6C2,HP,GPR84,TMEM52,ARL11,EBI3,TEKT4,ANG,CLEC4A3,SLC22A18,LTBP2,I830077J02RIK,LIPH,AI467606,PTGER4,HK3,DOK1,PRR22,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,UPP1,DUSP2,STAB1,PON3,GFY,SLAMF7,CCL17,SLC38A8,ACBD7,MMP2,TRIM14,BCL3,NPPC,C2,GPR35,UNC13D,SPN,CCL2,CAMP,PSD4,IGSF6,BAZ1A,BGLAP2,RAPSN,1810011H11RIK
tf	TF:M07045_0	Factor: IRF-1; motif: NNRAAANNGAAASN; match class: 0	1794	335	58	0.000255	0.173	0.032	1	H2-M2,C130026I21RIK,CXCL9,H2-AA,NLRC5,CXCL10,GM4951,ZBP1,IGTP,MS4A6C,IIGP1,H2-Q4,EPSTI1,TGTP1,IRGM2,B2M,GBP2,IRF7,BST2,H2-T23,IRGM1,CD84,OASL2,ITGB7,GBP5,CD274,IFI44,NCF1,PYCARD,TMEM252,OAS1A,C1S1,SP110,NEURL3,USP18,CRYBB1,H2-M3,PARP14,ARHGAP30,PIK3R5,GBP3,H2-DMA,ARHGAP25,HK2,GBP7,UNC93B1,TMEM106A,PARP9,DTX3L,TGFBI,RSAD2,TAP2,TRIM21,FAM111A,H2-T22,IFIT1,IFIT3,SP140
tf	TF:M01172_0	Factor: PU.1; motif: NNNNYYYACTTCCTCTTTY; match class: 0	10716	464	302	0.000000274	0.651	0.028	1	HCAR2,CLEC4D,CLEC4E,CD8B1,GZMB,CCL1,CCL5,C3,CHIL3,CXCL9,H2-Q7,CD74,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,H2-Q6,TSPAN32,H2-EB1,PIRB,LY9,NLRC5,CXCL10,IFI209,GM4951,IFI207,CCL12,IIGP1,H2-OA,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,ITGAL,MS4A6D,H2-D1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,IRGM2,MS4A6B,GIMAP4,CLEC12A,IRF7,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,A2M,C4B,CLEC4A2,ELF4,C1RA,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,MPEG1,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,ITGB7,TLR2,HCK,SLFN8,PLAC8,THEMIS2,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,CD274,C1QA,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,TTR,OAS2,TNFAIP2,CCL6,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,TLR9,DLK1,RHOH,SP110,GALNT15,NEURL3,FCGR2B,HCLS1,C1QC,LST1,RTP4,SPI1,SASH3,APOBEC1,USP18,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,UGT1A7C,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,CAPG,DOCK2,ARHGAP45,HAVCR2,DENND1C,S100A4,FAS,ALOX5AP,PLCG2,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,DDX60,CD68,LAIR1,CCDC88B,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,KCNK6,LSP1,PIK3CG,IKBKE,PRKCD,IL1A,PIK3AP1,CAPN3,TMEM106A,FGD2,INPP5D,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,LGALS9,DTX3L,FKBP5,CARD9,NCKAP1L,CD300A,TYROBP,MAP3K6,RSAD2,IFI27L2A,LAPTM5,PLAU,TRIM21,KLHL6,PDZPH1,TRIM12A,FAM111A,H2-T22,LPXN,BTK,IL1R1,CEBPA,NFAM1,IRF9,RAB20,ECM1,CMTM7,TMEM173,RIN3,CD53,ADM,TOR3A,RASD1,FOLH1,UBE2L6,CTSZ,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,GRN,CYTH4,CCDC3,IFI35,NPAS4,APLN,NGFR,FOS,EGR4,MYOC,KLK6,COL28A1,BC049352,CAPN11,OMP,CYP2E1,FCRLS,CFB,LY6C2,FBLIM1,EBI3,IFI203,ISG20,CCL9,PRR5L,CLEC4A3,CD180,SLC22A18,I830077J02RIK,LIPH,CMKLR1,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,PTGER4,HK3,AA467197,PRR22,IL3RA,CYP4F18,RETNLG,XLR,PTPN18,ICOS,BATF2,GBGT1,LY6G5B,A630001G21RIK,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,PON3,GFY,LAT2,SLC38A8,ACBD7,HTR6,MMP2,CD247

tf	TF:M01172_1	Factor: PU.1; motif: NNNNYYYACTTCCTCTTTY; match class: 1	3925	324	103	0.0000135	0.318	0.026	2	HCAR2,CLEC4D,CCL1,CD74,H2-AA,CYBB,TSPAN32,PIRB,IFI209,GM4951,IFI207,IIGP1,H2-OA,H2-Q4,BCL2A1B,MS4A7,ITGAL,H2-D1,SLFN2,CLEC4A1,CLEC12A,CTSS,TAGAP,A2M,C4B,CLEC4A2,ITGB2,SERPINA3N,S100A9,OASL2,S100A8,RAC2,CRYBA4,SLFN8,PLAC8,OASL1,C5AR1,IL21R,LTB,C1QA,MYO1F,CD300C2,ICAM1,TLR13,OAS2,TNFAIP2,TRIM30A,LRRC25,CXCL16,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,NEURL3,FCGR2B,C1QC,LST1,IRF1,SNX20,FERMT3,UGT1A7C,CTSC,LAG3,CYP26B1,ARHGAP30,PIK3R5,NCF4,HIF3A,HAVCR2,S100A4,ALOX5AP,CD37,RAB32,F13A1,ARHGAP25,CD68,LAIR1,CCDC88B,CTSH,SEPT1,GBP9,KCNK6,LSP1,INPP5D,MLPH,PTPN22,PARP9,TREM2,BIRC3,LGALS9,DTX3L,CD300A,TYROBP,IFI27L2A,PLAU,PDZPH1,FAM111A,H2-T22,LPXN,BTK,IL1R1
tf	TF:M01875_1	Factor: ER-beta; motif: GTCANASTGRCCYNR; match class: 1	7752	491	225	0.0286	0.458	0.029	1	HCAR2,H2-M2,CD8B1,H2-Q7,CCL8,IFI204,FCGR4,ITGAX,H2-Q6,H2-EB1,CD22,LY9,AOAH,NLRC5,CXCL10,IFI207,ZBP1,CSF2RB2,CD52,LRG1,CD4,H2-OA,MYO1G,H2-Q4,LGALS3,AB124611,TAP1,SPINT1,BPIFB4,EPSTI1,PSMB9,B2M,SLC11A1,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,C4B,CD84,CLEC4A2,C1RA,LAT,ST14,ARHGAP9,OASL2,MPEG1,RAC2,THEMIS2,LGALS3BP,LTB,TLR12,CD274,C1QA,IFI44,ICAM1,TLR7,CSF3R,TLR13,PYCARD,PTPRC,TNFAIP2,OAS1A,CCL6,PLD4,LRRC25,LCP2,C1QB,ETNPPL,APOBEC3,TLR9,DLK1,IL10RA,NEURL3,P2RY6,FCGR2B,LST1,RTP4,USP18,ACP5,SNX20,ADCY7,TNFRSF1B,CD163,CRYBB1,NGP,AIF1,CYP26B1,CD86,PARP14,PTAFR,HIF3A,CAPG,DOCK2,ARHGAP45,STAT1,CD37,FGL2,F13A1,ARHGAP25,HK2,GFAP,CCDC88B,PLA1A,CTSH,UNC93B1,HVCN1,ASPG,HIST1H4H,LSP1,MAFB,DHX58,RNF213,NCF2,PRKCD,CAPN3,SERPING1,PARVG,MLPH,PTPN22,BIRC3,LGALS9,FKBP5,CD14,ABCC3,CARD9,CD300A,FGFBP1,MAP3K6,ACER2,PRODH,XAF1,IFI27L2A,LAPTM5,VWF,TRIM21,KLHL6,PDZPH1,FAM111A,LPXN,LCK,CSF1R,IFIT1,UBA7,NFAM1,APOC1,IRF9,OSMR,IFITM3,ECM1,SP100,RASD1,BIN2,FAM107A,MT2,MERTK,CYTH4,CCDC3,NGFR,ATF5,EGR4,MYOC,KLK6,STOML3,BC049352,GKN3,CFB,CST7,HP,FBLIM1,TMEM52,EBI3,TEKT4,IFI203,ISG20,PRR5L,SLC22A18,LIPH,AI467606,CCRL2,MNDAL,HK3,AA467197,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,BATF2,SIGLECE,GLRA4,A630001G21RIK,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,FAM26F,STAB1,GFY,SLAMF7,LAT2,CCL17,SLC38A8,CD247,NAPSA,IL16,TRIM14,BCL3,CRHR2,C2,ALDH1A7,UNC13D,SPN,CCL2,UPK1B,VMO1,CAMP,MILR1,BAZ1A,BGLAP2,RAPSN
tf	TF:M00531_0	Factor: nerf; motif: YRNCAGGAAGYRGSTBDS; match class: 0	15305	417	352	0.00000843	0.844	0.023	1	CLEC4E,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,CXCL9,H2-Q7,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,GM4951,GIMAP3,IFI207,CSF2RB2,CD52,LRG1,LYZ2,CD4,CCL12,CSF2RB,TGTP2,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,H2-D1,TAP1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,MS4A6B,GIMAP4,IRF7,ACAP1,H2-DMB1,TLR1,IRGM1,CTSS,GBP6,A2M,FYB,C3AR1,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,CCR2,S100A8,RAC2,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,TLR12,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,CSF3R,TLR13,TTR,OAS2,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,FCGR3,TNFSF13B,WAS,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,ACP5,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,TNFAIP8L2,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,MAFB,PIK3CG,DHX58,RNF213,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,MAFF,CD33,MLPH,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLHL6,IL6RA,PDZPH1,FAM111A,CCR5,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,TMEM173,SP100,RIN3,CD53,ADM,TOR3A,RASD1,TGM2,UBE2L6,GLIPR2,CTSZ,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,UGT8A,FOS,EGR4,MYOC,KLK6,STOML3,BC049352,OMP,GKN3,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CMKLR1,CASP4,STEAP4,AI467606
tf	TF:M00531_1	Factor: nerf; motif: YRNCAGGAAGYRGSTBDS; match class: 1	8378	495	270	0.000000016	0.545	0.032	2	C130026I21RIK,CCL1,H2-AB1,LCN2,H2-AA,TSPAN32,PIRB,CD22,LY9,CXCL10,IFI209,GM4951,GIMAP3,CSF2RB2,LRG1,CD4,CCL12,CSF2RB,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,LGALS3,ITGAL,H2-D1,SLFN2,CLEC4A1,EPSTI1,TGTP1,IRGM2,SLC11A1,GIMAP4,IRF7,ACAP1,H2-DMB1,TLR1,IRGM1,CTSS,GBP6,FYB,CD84,ELF4,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OASL2,S100A8,RAC2,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,PLAC8,XDH,C5AR1,LTB,TLR12,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,TLR13,TTR,PTPRC,TMEM252,GBP4,CCL6,C1S1,PLD4,TRIM30A,LRRC25,FCGR3,TNFSF13B,C1QB,ADGRE1,FCER1G,APOBEC3,TLR9,DLK1,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,CRYBB1,H2-M3,NGP,AIF1,LAG3,CLEC10A,NCF4,GBP3,LCP1,TMEM140,H2-DMA,ARHGAP45,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,CD37,F13A1,ARHGAP25,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,LY6A,ADORA3,GBP9,ASPG,TSPO,LSP1,CTLA2B,MAFB,PIK3CG,RNF213,IKBKE,NCF2,PRKCD,PIK3AP1,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,CD33,MLPH,PARP9,TREM2,BIRC3,PHYHD1,CARD9,NCKAP1L,CD300A,TYROBP,ACER2,CBR2,RSAD2,TAP2,IFI27L2A,LAPTM5,VWF,TRIM21,KLHL6,IL6RA,LPXN,BTK,CSF1R,IFIT1,IL4RA,UBA7,NFAM1,APOC1,IRF9,SP140,IFITM3,ECM1,SP100,RIN3,CD53,ADM,TOR3A,RASD1,TGM2,GLIPR2,CTSZ,BIN2,SLCO4A1,MT2,PSTPIP1,NFKBIE,GGTA1,ITIH3,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,EGR4,KLK6,BC049352,OMP,CFB,CST7,LY6C2,HP,PHF11D,GPR84,ARL11,EBI3,IFI203,MFSD7A,PRR5L,ANG,CD180,SLC22A18,LTBP2,LIPH,STEAP4,AI467606,MNDAL,HK3,DOK1,IL3RA,CYP4F18,RETNLG,LRMP,SIGLECE,GLRA4,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,UPP1,DOK2,PLAUR,PON3,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,F10,TRIM14,NPPC,CRHR2,UNC13D,SPN,UPK1B,VMO1,SLAMF8,PSD4,MILR1,BGLAP2,RAPSN,MAS1,1810011H11RIK,BCL2A1A,PILRA
tf	TF:M00972_1	Factor: IRF; motif: RAAANTGAAAN; match class: 1	1417	165	27	0.0219	0.164	0.019	1	CCL5,CXCL9,IFI204,LCN2,IFI209,ZBP1,IGTP,IIGP1,IL2RG,H2-Q4,EPSTI1,B2M,GBP2,GIMAP4,IRF7,BST2,GBP6,CD84,ITGB7,GBP5,SLFN8,CD274,IFI44,GBP4,OAS1A,TNFSF13B,TLR9
tf	TF:M08906_1	Factor: TR4; motif: NCCCTGACCYB; match class: 1	3665	481	120	0.0212	0.249	0.033	1	CLEC4E,H2-M2,GZMB,CXCL9,H2-Q7,FCGR4,H2-AB1,H2-Q6,TSPAN32,AOAH,IFI207,LRG1,H2-OA,H2-K1,H2-D1,TAP1,CLEC4A1,PSMB9,SLC11A1,GIMAP4,ACAP1,BST2,H2-T23,IRGM1,TAGAP,GBP6,A2M,LAT,SULT1A1,XDH,C1QA,CSF3R,TNFAIP2,GBP4,OAS1A,C1S1,LRRC25,FCGR1,WAS,ADGRE1,DLK1,GALNT15,NEURL3,CH25H,P2RY6,FCGR2B,SPI1,ACP5,SNX20,CRYBB1,NGP,CYP26B1,VAV1,ARHGAP30,HIF3A,ARHGAP45,DENND1C,STAT1,BLNK,CD37,ARHGAP25,CD68,LAIR1,CCDC88B,GBP9,ASPG,LSP1,PIK3CG,DHX58,NCF2,CAPN3,TMEM106A,INPP5D,MLPH,FKBP5,CD14,ABCC3,CD300A,TYROBP,PARP10,PDZPH1,NFAM1,IRF9,RAB20,IFITM3,SLCO4A1,ITIH3,ATF5,KLK6,BC049352,CAPN11,OMP,CFB,CST7,CD180,LTBP2,CMKLR1,GPR65,PTGER4,AA467197,DOK1,PRR22,IL3RA,PTPN18,BATF2,LY6G5B,A630001G21RIK,CLEC4N,UPP1,DUSP2,PLAUR,STAB1,GFY,GBP8,ACBD7,APOL9A,NPPC,UNC13D,1700016K19RIK,UPK1B
tf	TF:M08897_0	Factor: SMAD; motif: TGTCTGNNN; match class: 0	13147	495	352	0.0297	0.711	0.027	1	HCAR2,CLEC4D,H2-M2,CD8B1,CCL1,CCL5,H2-Q7,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,H2-EB1,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,IFI207,ZBP1,CSF2RB2,LRG1,LYZ2,CD4,IGTP,CSF2RB,TGTP2,IIGP1,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,LGALS3,AB124611,ITGAL,PSMB8,IFI47,H2-D1,TAP1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,MS4A6B,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2-DMB1,TLR1,IRGM1,TAGAP,GBP6,FYB,C3AR1,C4B,CD84,CLEC4A2,ELF4,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,MPEG1,CCR2,CRYBA4,SULT1A1,RASAL3,ITGB7,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TTR,OAS2,NCF1,PYCARD,TNFAIP2,GBP4,OAS1A,CCL6,C1S1,PLD4,LRRC25,FCGR3,FCGR1,LCP2,FCER1G,ETNPPL,DLK1,RHOH,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,SPI1,SASH3,APOBEC1,USP18,IRF1,SNX20,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,CAPG,DOCK2,ARHGAP45,HAVCR2,DENND1C,FAS,STAT1,LY86,BLNK,NUAK2,HK2,DDX60,GFAP,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,ADORA3,GBP9,HVCN1,TSPO,HIST1H4H,KCNK6,CTLA2B,MAFB,PIK3CG,DHX58,RNF213,PARP3,NCF2,PRKCD,PIK3AP1,TRIM30D,TMEM106A,FGD2,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,CD300A,TYROBP,FGFBP1,CBR2,RHBDF2,RSAD2,PRODH,XAF1,IFI27L2A,LAPTM5,KLHL6,IL6RA,PDZPH1,TRIM12A,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,NFAM1,APOC1,IFITM3,ECM1,TMEM173,RIN3,ADM,TOR3A,RASD1,FOLH1,TGM2,GLIPR2,DNASE2A,FAM107A,SLCO4A1,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,NPAS4,NGFR,UGT8A,FOS,PRSS35,KLK6,COL28A1,STOML3,BC049352,OMP,CYP2E1,CFB,CST7,LY6C2,PHF11D,GPR84,FBLIM1,ARL11,EBI3,IFI203,MFSD7A,ISG20,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,TNFAIP3,CMKLR1,CASP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,PTGER4,AA467197,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,LAT2,GBP8,CCL17,SLC38A8,HTR6,CD247,F10,APOL9A,IL16,TRIM14,BCL3,NPPC,CNMD,C2,GPR35,UNC13D,1700016K19RIK,SPN,CCL2,SLAMF8,CAMP,PSD4,IGSF6,BAZ1A,BGLAP2,RAPSN,MAS1,1810011H11RIK,BCL2A1A,PILRA
tf	TF:M08897_1	Factor: SMAD; motif: TGTCTGNNN; match class: 1	5789	495	179	0.0173	0.362	0.031	2	HCAR2,H2-M2,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,H2-EB1,CD22,AOAH,NLRC5,CXCL10,IFI209,CSF2RB2,LRG1,LYZ2,IGTP,CSF2RB,IIGP1,IL12RB1,LGALS3,AB124611,PSMB8,IFI47,H2-D1,SLFN2,CLEC4A1,IRGM2,GIMAP4,CLEC12A,ACAP1,BST2,TLR1,GBP6,C3AR1,C4B,ITGB2,MPEG1,CCR2,ITGB7,PLAC8,THEMIS2,XDH,C5AR1,IL21R,LTB,CD274,C1QA,WFDC17,TTR,OAS2,PYCARD,TNFAIP2,GBP4,OAS1A,CCL6,C1S1,PLD4,LRRC25,FCER1G,ETNPPL,DLK1,IL10RA,GALNT15,NEURL3,FCGR2B,LST1,NAIP5,SPI1,USP18,FERMT3,ADCY7,TNFRSF1B,CD163,IKZF1,CYP26B1,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,CAPG,ARHGAP45,HAVCR2,LY86,BLNK,HK2,DDX60,ADAP2,CCDC88B,CTSH,GBP7,GBP9,HIST1H4H,CTLA2B,MAFB,PIK3CG,FGD2,MAFF,MLPH,PARP9,BIRC3,LGALS9,DTX3L,FKBP5,PHYHD1,TGFBI,ABCC3,CARD9,TYROBP,CBR2,RHBDF2,RSAD2,PRODH,XAF1,LAPTM5,IL6RA,IL1R1,IFIT1,NFAM1,APOC1,RIN3,RASD1,TGM2,SLCO4A1,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,CYTH4,NPAS4,NGFR,UGT8A,COL28A1,STOML3,OMP,CYP2E1,EBI3,MFSD7A,SLC22A18,TNFAIP3,CMKLR1,PLBD1,CYP4F18,PTPN18,GBGT1,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,DUSP2,DOK2,STAB1,GPX6,PON3,GFY,LAT2,GBP8,CCL17,F10,APOL9A,BCL3,CNMD,C2,UNC13D,1700016K19RIK,SPN,CCL2,PSD4,IGSF6,BAZ1A,BGLAP2,RAPSN,MAS1,1810011H11RIK,PILRA

tf	TF:M03831_0	Factor: MRF4; motif: CASCTGC; match class: 0	15481	488	403	0.000956	0.826	0.026	1
tf	TF:M03831_1	Factor: MRF4; motif: CASCTGC; match class: 1	8986	493	259	0.00677	0.525	0.029	2
tf	TF:M01835_1	Factor: GKLF; motif: CCTCCYN; match class: 1	17716	486	446	0.000135	0.918	0.025	1
tf	TF:M07224_0	Factor: Spi1; motif: NRAAAGAGGAAGTGN; match class: 0	4637	252	109	4.8E-11	0.433	0.024	1
tf	TF:M07224_1	Factor: Spi1; motif: NRAAAGAGGAAGTGN; match class: 1	674	370	41	8.16E-09	0.111	0.061	2
tf	TF:M02023_0	Factor: MAZ; motif: NKGGGAGGGGRGGR; match class: 0	12341	470	319	0.0198	0.679	0.026	1
tf	TF:M08881_0	Factor: ETSLIKE; motif: NACTTCCTNN; match class: 0	8789	410	240	5.25E-09	0.585	0.027	1
tf	TF:M08881_1	Factor: ETSLIKE; motif: NACTTCCTNN; match class: 1	2381	432	91	0.00000425	0.211	0.038	2

										CLEC4D,CLEC4E,CDBB1,C130026I21RIK,CCL1,CCL5,C3,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,CYBB,ITGAX,TSPAN32,H2-EB1,PIRB,LY9,NLRC5,GM4951,GIMAP3,ZBP1,LRG1,LY72,CD4,CCL12,MS4A6C,H2-OA,BCL2A1B,H2-K1,IL12RB1,LGALS3,PSMB8,H2-D1,SPINT1,SLFN2,IRGM2,B2M,SLC11A1,GIMAP4,IRF7,ACAP1,H2-DMB1,IRGM1,CTSS,TAGAP,GBP6,A2M,FYB,ELF4,C1RA,LAT,ST14,MPEG1,S100A8,RAC2,RASAL3,ITGB7,HCK,GBP5,SLFN8,PLAC8,THEMIS2,IL21R,TLR12,C1QA,IFI44,ICAM1,TLR7,TLR13,OAS2,PYCARD,TNFAIP2,GBP4,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,TNFSF13B,CD44,C1QB,APOBEC3,DLK1,RHOH,SP110,TRPV4,CH25H,C1QC,NAIP5,RTP4,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,ADCY7,UGT1A7C,IKZF1,LAG3,CYP26B1,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,NCF4,CAPG,DOCK2,H2-DMA,ARHGAP45,DENND1C,FAS,ALOXSAP,STAT1,BLNK,NUAK2,CD37,RAB32,ARHGAP25,DOX60,CCDC88B,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,ASPG,TSPO,MAF8,FAM46C,PARP3,NCF2,PRKCD,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,INPP5D,MAFF,CD33,MLPH,PTPN22,TREM2,BIRC3,LGALS9,PHYHD1,TGFB,CARD9,CD300A,TYROBP,CBR2,RHBDF2,RSAD2,PARP10,PROCH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,IL6RA,TRIM12A,PIK3R6,LPXN,LCK,BTK,CSF1R,IL4RA,UBA7,CEBPA,IRF9,SP140,OSMR,ECM1,TMEM173,SP100,ADM,TOR3A,TGM2,UBE2L6,CTSZ,DNAS2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,CYTH4,CCDC13,LY6E,COL1A1,APLN,FOS,EGR4,STOML3,BC049352,FCRLS,CFB,CST7,LY6C2,PHF11D,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,MFSD7A,ISG20,PRR5L,CLEC4A3,SLC22A18,LTBP2,I830077J02RIK,CMKLR1,STEAP4,CCR2,HK3,DOK1,PRR22,IL18A,XLR,PTPN18,LRMP,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,LY6G5B,A630001G21RIK,B3GNT3,DUSP2,DOK2,PLAUR,STAB1,GFY,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,CD247,NAPSA,IL16,BCL3,CNMD,CRHR2,C2,GPR35
tf	TF:M01288_0	Factor: NeuroD; motif: NNSCWGCTGNSY; match class: 0	9349	475	263	0.000928	0.554	0.028	1	
										HCAR2,C130026I21RIK,CCL1,CXCL9,H2-Q7,IFI204,FCGR4,H2-AA,H2-Q6,CD22,NLRC5,CXCL10,IFI209,GM4951,ZBP1,IGTP,MS4A6C,IIGP1,IL2RG,H2-Q4,H2-K1,PSMB8,H2-D1,TAP1,TGTP1,PSMB9,IRGM2,B2M,GBP2,GIMAP4,IRF7,BST2,GBP6,FYB,CD84,OAS1L2,ITGB7,NAIP2,GBP5,XDH,LTB,CD274,IFI44,TLR7,NCF1,GBP4,OAS1A,C1S1,PLD4,TRIM30A,TNFSF13B,C1QB,APOBEC3,LST1,GSDMD,CRYBB1,H2-M3,IKZF1,PARP14,ARHGAP30,GBP3,HIF3A,LY86,RAB32,ARHGAP25,HK2,CD68,ADAP2,PLA1A,GBP7,UNC93B1,GBP9,TSPO,DHX58,IL1A,TRIM30D,PARP9,BIRC3,DTX3L,TGFBI,NCKAP1L,RSAD2,PARP10,TAP2,TRIM21,PDZPH1,TRIM12A,H2-T22,LPXN,FIT1,UBA7,IFIT3,SP100,ADM,TOR3A,RASD1,UBE2L6,CTSZ
tf	TF:M00772_0	Factor: IRF; motif: RRAANTGAAASYGNV; match class: 0	3355	351	98	0.0000131	0.279	0.029	1	
										IFI209,IGTP,IIGP1,H2-Q4,TGTP1,B2M,GBP2,GIMAP4,CD84,OAS1L2,ITGB7,GBP5,CD274,IFI44,OAS1A
tf	TF:M00772_1	Factor: IRF; motif: RRAANTGAAASYGNV; match class: 1	400	147	15	0.000197	0.102	0.037	2	
										CLEC4D,CDBB1,C130026I21RIK,GZMB,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,LY9,CXCL10,IFI209,CSF2RB2,LY72,CD4,IGTP,CCL12,CSF2RB,IIGP1,MYO1G,IL2RG,IL12RB1,AB124611,MS4A6D,BPIFB4,EPST11,TGFB1,B2M,SLC11A1,GBP2,IRF7,ACAP1,TLR1,H2-T23,IRGM1,TAGAP,C3AR1,CD84,CLEC4A2,ELF4,LAT,ITGB2,ST14,SERPINA3N,OAS1L2,MPEG1,CCR2,CRYBA4,ITGB7,HCK,NAIP2,GBP5,THEMIS2,XDH,LGALS3BP,IL21R,LTB,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CC16,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOXSAP,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,FG1L2,CP,F13A1,ARHGAP25,HK2,DOX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,MAF8,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PAAP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PROCH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,IL6RA,PDZPH1,TRIM12A,PIK3R6,H2-T22,CCR5,LPXN,LCK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,SP100,RIN3,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,PRSS35,KLK6,STOML3,BC049352,OMP,CYP2E1,FCRLS,CFB,CST7,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CMKLR1,CASP4,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,MMP2,CD247,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CHRH2,C2,GPR35,ALDH1A7,UNC13D,1700016K19RIK,SPN,CD12,UPK1B,VMO1,SLAMF8,CAMP,PSD4,IGSF6,MILR1,BAZ1A,CASP12,BGLAP2,RAPSN,MAS1,1810011H11RIK,BCL2A1A,PILRA
tf	TF:M01227_0	Factor: MafB; motif: GNTGAC; match class: 0	19167	495	474	0.008	0.958	0.025	1	
										HCAR2,H2-M2,C130026I21RIK,CCL1,C3,CXCL9,H2-Q7,CD74,H2-AA,H2-Q6,LY9,CXCL10,CD52,IGTP,MS4A6C,H2-OA,H2-Q4,H2-K1,ITGAL,H2-D1,SPINT1,TGTP1,MS4A6B,H2-DMB1,H2-T23,C4B,LAT,SERPINA3N,BCAR2,SULT1A1,TLR2,LGALS3BP,LTB,TLR12,ICAM1,NCF1,TNFAIP2,LRRC25,CXCL16,CD44,ADGRE1,FCER1G,APOBEC3,DLK1,SP110,SN320,GSDMD,CLEC10A,ARHGAP30,NCF4,HIF3A,CAPG,H2-DMA,FAS,ALOXSAP,NUAK2,CD68,PLA1A,CTSH,UNC93B1,ASPG,TSPO,LSP1,DHX58,PARP3,PRKCD,PIK3AP1,MAFF,MLPH,TIFAB,FGFBP1,ACER2,RSAD2,LAPTM5,PDZPH1,LPXN,IFIT1,CEBPA,ISG15,SP140,TMEM173,TORS3A,CTSZ,NFKBIE,CYTH4,LY6E,UGT8A,FOS,STOML3,CAPN11,CFB,EBI3,TEKT4,PRR5L,CASP4,CCRL2,AA467197,DOK1,IL3RA,RETNLG,BATF2,GBP10,LY6G5B,ZC3H12A,DUSP2,PLAUR,FAM26F,STAB1,CCL17,SLC38A8,BCL3,CZ,SPN,UPK1B,VMO1,CAMP,MILR1,BAZ1A,MAS1,BCL2A1A
tf	TF:M08891_0	Factor: NFKAPPAB; motif: NNGGGANTTCCCN; match class: 0	3495	494	120	0.00843	0.243	0.034	1	
										C3,CXCL9,H2-Q7,LCN2,H2-AA,CFBB,H2-Q6,TSPAN32,H2-EB1,LY9,AOAH,NLRC5,GIMAP3,CD52,LRG1,IGTP,CCL12,IIGP1,MYO1G,IL12RB1,LGALS3,AB124611,ITGAL,PSMB8,H2-D1,TAP1,SPINT1,SLFN2,BPIFB4,EPST11,TGTP1,PSMB9,IRGM2,SLC11A1,GIMAP4,IRF7,BST2,H2-DMB1,IRGM1,TAGAP,C4B,ELF4,C1RA,LAT,ITGB2,ARHGAP9,RASAL3,ITGB7,HCK,NAIP2,SLFN8,THEMIS2,OAS1L,CSAR1,LGALS3BP,IL21R,TLR12,SLAMF9,CD300C2,TTR,TNFAIP2,GBP4,OAS1A,CC16,PLD4,LRRC25,FCGR3,LCP2,TNFSF13B,CD44,C1QB,ADGRE1,FCER1G,TLR9,RHOH,IL10RA,GALNT15,CH25H,FCGR2B,C1QC,SPI1,ACP5,ICOSL,GSDMD,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,IKZF1,AIF1,CYP26B1,VAV1,ARHGAP30,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,H2-DMA,ARHGAP45,HAVCR2,S100A4,FAS,ALOXSAP,LY86,PLCG2,BLNK,CD37,RAB32,F13A1,DOX60,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,LY6A,HVCN1,TSPO,KCNK6,LSP1,DHX58,RNF213,PARP3,IKBKE,TRIM30D,TMEM106A,SERPING1,FGD2,PARVG,PARP9,TREM2,TIFAB,LGALS9,DTX3L,FKBP5,PHYHD1,ABCC3,CARD9,TYROBP,RHBDF2,PARP10,PROCH,VWF,TRIM12A,H2-T22,CCR5,LCK,BTK,IFIT1,UBA7,IFIT3,RAB20,ECM1,CMTM7,RIN3,ADM,TOR3A,RASD1,UBE2L6,GLIPR2,CTSZ,DNASE2A,SLCO4A1,PSTPIP1,SH3BP2,PIM1,CYTH4,LY6E,NPAS4,NGFR,FOS,EGR4,MYOC,BC049352,CAPN11,OMP,GKN3,CYP2E1,CFB,CST7,GPR84,FBLIM1,TMEM52,EBI3,TEKT4,MFSD7A,ISG20,PRR5L,ANG,CD180,SLC22A18,STEAP4,AI467606,PLBD1,CCRL2,DOK1,PRR22,IL3RA,CYP4F18,ICOS,BATF2,GBGT1,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,B3GNT3,DUSP2,FAM26F,STAB1,SLAMF7,GBP8,CCL17,HTR6,MMP2,CD247,F10,APOL9A,TRIM14,NPPC,CNMD,C2,GPR35,UNC13D,1700016K19RIK,SPN,VMO1,CAMP,PSD4
tf	TF:M00947_1	Factor: CP2/LBP-1c/LSF; motif: GCTGGNTNGNNCYNG; match class: 1	7834	485	232	0.00108	0.478	0.03	1	
										CLEC4D,CLEC4E,CCL1,CCL5,C3,CHIL3,H2-Q7,IFI204,FCGR4,LCN2,H2-AA,H2-Q6,H2-EB1,PIRB,CD22,LY9,AOAH,CXCL10,IFI209,GIMAP3,IFI207,CD52,LRG1,LY72,CD4,TGTP2,H2-OA,MYO1G,H2-Q4,BCL2A1B,H2-K1,IL12RB1,ITGAL,MS4A6D,H2-D1,TAP1,SLFN2,CLEC4A1,EPST11,TGTP1,PSMB9,IRGM2,SLC11A1,GIMAP4,IRF7,BST2,TLR1,IRGM1,TAGAP,GBP6,FYB,C3AR1,CLEC4A2,LAT,ITGB2,ARHGAP9,OAS1L2,CCR2,S100A8,RAC2,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CC16,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOXSAP,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,FG1L2,CP,F13A1,ARHGAP25,HK2,DOX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,MAF8,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PROCH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,IL6RA,PDZPH1,TRIM12A,PIK3R6,H2-T22,CCR5,LPXN,LCK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,SP100,RIN3,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,PRSS35,KLK6,STOML3,BC049352,CAPN11,OMP,GKN3,CYP2E1,FCRLS,CFB,CST7,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,LIPH,CMKLR1,CASP4,STEAP4,AI467606,GPR65,MNDAL,HK3,DOK1,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,GBGT1,LY6G5B,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F
tf	TF:M07282_0	Factor: ER71; motif: CWTCCTGT; match class: 0	8848	449	252	0.00000149	0.561	0.028	1	

										IFI204,PIRB,CXCL10,IFI209,LRG1,LY22,CD4,TGTP1,TLR1,TAGAP,FYB,LAT,ARHGAP9,S100A8,GBP5,XDH,LTB,MYO1F,PTPRC,TMEM252,CCL6,PLD4,TNFSF13B,FCER1G,NEURL3,TRPV4,P2RY6,NAIP5,RTP4,SPI1,ACP5,SNX20,FERMT3,CRYBB1,H2-M3,LAG3,CLEC10A,LCP1,H2-DMA,S100A4,FAS,ALOXSAP,STAT1,F13A1,CD68,ADAP2,PLA1A,UNC93B1,GBP9,TSPO,LSP1,PIK3CG,RNF213,CAPN3,INPP5D,CD33,PARP9,PHYHD1,NCKAP1L,ACER2,LAPTM5,IL6RA,BTK,CSF1R,APOC1,JFITM3,CD53,RASD1,DNASE2A,BIN2,PSTPIP1,NFKBIE,KLK6,STOML3,FCRLS,CFB,EBI3,MFSD7A,PRR5L,CLEC4A3,LTBP2,LIPH,AI467606,HK3,DOK1,IL3RA,CYP4F18,LRMP,ZC3H12A,FAM26F,PON3,CCL17
tf	TF:M07282_1	Factor: ER71; motif: CWTCCTGT; match class: 1	2412	458	92	0.0000681	0.201	0.038	2	
										CXCL10,IFI209,GM4951,TGTP2,IIGP1,EPSTI1,TGTP1,GBP2,IRF7,BST2,IRGM1,ELF4,SLFN8,OASL1,LGALS3BP,CD274,TLR7,OAS2,C1QB,APOBEC3,USP18,IKZF1,AIF1,LAG3,ARHGAP30,LY86,ARHGAP25,DDX60,TSPO,LSP1,DHX58,RNF213,FAM46C,TMEM106A,SERPING1,PARP9,DTX3L,NCKAP1L,PARP10,XAF1,PDZPH1,H2-T22,IFIT1,IFIT3,ISG15,IRF9,RAB20,OSMR,IFITM3,TOR3A
tf	TF:M02771_0	Factor: IRF-9; motif: NNRAAWCGAAACTNA; match class: 0	1074	345	50	0.000000042	0.145	0.047	1	
										CLEC4D,C130026I21RIK,CD74,H2-AA,CXCL10,IFI209,GM4951,IL2RG,H2-Q4,BC12A18,PSMB8,SLFN2,GBP2,H2-DMB1,OAS1Z,S100A8,RASL3,XDH,CD274,ADGRE1,APOBEC3,DLK1,SP110,NEURL3,FCGR2B,NAIP5,LY86,CD37,UNC93B1,LY6A,TMEM106A,FGD2,LGALS9,TRIM21,H2-T22,IFIT1,IFIT3,SP140,TOR3A,RASD1,CTSZ,MT2,SH3BP2,GRN,CDL1A1,NPA54,CF8,TNFAIP3,HK3,CYP4F18,A630001G21RIK,B3GNT3,UPP1,DOK2
tf	TF:M01066_0	Factor: Blimp-1; motif: NRGRAAGKGAAAGKRN; match class: 0	1243	447	54	0.000711	0.121	0.043	1	
										HCAR2,CLEC4D,CLEC4E,H2-M2,CD88L,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHI3,CXCL9,H2-Q7,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,ADAH,CXCL10,IFI209,GM4951,GIMAP3,IFI207,ZBP1,CSF2RB2,CD52,LRG1,LY22,CD4,IGTP,CCL12,MS4A6C,CSF2RB,IIGP1,H2-DA,MYO1G,IL2RG,H2-Q4,BC12A18,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,GBP2,MS4A6B,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,A2M,FYB,C3AR1,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OAS1Z,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OAS1L,CSAR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TTR,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,CIS1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,TUB9,DLK1,RHOH,SP110,IL10RA,GAUNT1S,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CDB6,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOXSAP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,Y6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,MAFB,PIK3CG,DHX58,FAM46C,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,KLHL6,IL6RA,PDZPH1,TRIM112A,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,CSF1R,ILIR1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,SP100,RIN3,CD53,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LYSE,COL1A1,NPA54,APLN,NGFR,ATF5,FOS,EGR4,MYOC,KLK6,COL2BA1,STOML3,BC049352,CAPN11,OMP,GKN3,CYP2E1,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,JB300773D2RIK,TNFAIP3,LIPH,CMKLR1,CASP4,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,MMP2,CD247,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,ALDH1A7,UNC13D,1700016K19RIK,SPN,CCL2,UPK1B,VMO1,SLAMF8,CAMP,PSD4,IGSF6,MILR1,BAZ1A,CASP12,BGLAP2,RAP5N,MAS1,1810011H11RIK,BCL2A1A,PILRA
tf	TF:M02101_0	Factor: myogenin; motif: CAGCTG; match class: 0	18988	495	472	0.00336	0.954	0.025	1	
										HCAR2,CLEC4D,CLEC4E,H2-M2,CD88L,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHI3,CXCL9,H2-Q7,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,ADAH,CXCL10,IFI209,GM4951,GIMAP3,IFI207,ZBP1,CSF2RB2,CD52,LRG1,LY22,CD4,IGTP,CCL12,MS4A6C,CSF2RB,IIGP1,H2-DA,MYO1G,IL2RG,H2-Q4,BC12A18,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,SLC11A1,GBP2,MS4A6B,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,A2M,FYB,C3AR1,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OAS1Z,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OAS1L,CSAR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TTR,OAS2,NCF1,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,CIS1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,TUB9,DLK1,RHOH,SP110,IL10RA,GAUNT1S,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CDB6,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOXSAP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,Y6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,CTLA2B,MAFB,PIK3CG,DHX58,FAM46C,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,KLHL6,IL6RA,PDZPH1,TRIM112A,FAM111A,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,CSF1R,ILIR1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,SP100,RIN3,CD53,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LYSE,COL1A1,NPA54,APLN,NGFR,ATF5,FOS,EGR4,MYOC,KLK6,COL2BA1,STOML3,BC049352,CAPN11,OMP,GKN3,CYP2E1,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,JB300773D2RIK,TNFAIP3,LIPH,CMKLR1,CASP4,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,MMP2,CD247,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,ALDH1A7,UNC13D,1700016K19RIK,SPN,CCL2,UPK1B,VMO1,SLAMF8,CAMP,PSD4,IGSF6,MILR1,BAZ1A,CASP12,BGLAP2,RAP5N,MAS1,1810011H11RIK,BCL2A1A,PILRA
tf	TF:M02101_1	Factor: myogenin; motif: CAGCTG; match class: 1	18988	495	472	0.00336	0.954	0.025	2	
										HCAR2,CD88L1,C130026I21RIK,GZMB,CCL1,CCL5,C3,H2-Q7,CD74,FCGR4,H2-Q6,TSPAN32,PIRB,CD22,CXCL10,GM4951,IFI207,CSF2RB2,CD52,LRG1,CD4,CSF2RB,IIGP1,H2-DA,H2-Q4,BC12A18,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,IFI47,BPIFB4,EPSTI1,IRGM2,SLC11A1,MS4A6B,GIMAP4,TLR1,CTSS,TAGAP,FYB,CD84,LAT,ITGB2,CD48,SERPINA3N,ARHGAP9,S100A8,RAC2,CRYBA4,SULT1A1,ITGB7,HCK,GBP5,SLFN8,PLAC8,OAS1L,IL21R,CD274,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,OAS2,PYCARD,TNFAIP2,TMEM252,GBP4,CIS1,PLD4,LCP2,TNFSF13B,ADGRE1,FCER1G,TLR9,SP110,FCGR2B,C1QC,LST1,RTP4,SPI1,SASH3,ACP5,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,UGT1A7C,IKZF1,CTSC,LAG3,CYP26B1,CLEC10A,VAV1,PIK3R5,NCF4,DOCK2,TMEM140,HAVCR2,DENND1C,S100A4,FAS,LY86,PLCG2,NUAK2,CD37,RAB32,CP,F13A1,ARHGAP25,HK2,GFAP,LAIR1,CCDC88B,PLA1A,GBP7,LY6A,GBP9,HVCN1,KCNK6,LSP1,CTLA2B,PIK3CG,RNF213,PARP3,CAPN3,FGD2,INPP5D,PARVG,CD33,MLPH,PTPN22,PARP9,BIRC3,LGALS9,DTX3L,PHYHD1,ABCC3,CARD9,TYROBP,CBR2,PARP10,LAPTM5,PLAU,TRIM21,IL6RA,PDZPH1,TRIM112A,FAM111A,LPXN,LCK,BTK,ILIR1
tf	TF:M00971_0	Factor: Ets; motif: ACTTCCTS; match class: 0	6664	324	157	0.000000321	0.485	0.024	1	
										CCL5,CD74,TSPAN32,GM4951,CD4,H2-Q4,BC12A18,EPSTI1,TAGAP,FYB,SULT1A1,ICAM1,CSF3R,PYCARD,PLD4,TNFSF13B,ADGRE1,SP110,C1QC,LST1,SNX20,FERMT3,UGT1A7C,CTSC,VAV1,PIK3R5,NCF4,CD37,ARHGAP25,LAIR1,CCDC88B,LY6A,HVCN1,PTPN22,PARP9,LGALS9,DTX3L,CARD9,TRIM21,IL6RA,LCK,BTK,NFAM1,SH3BP2,LY6E,NPA54,LY6C2,TMEM52,CCL9,SLC22A18,CYP4F18,A630001G21RIK,ZC3H12A,FAM26F,PON3
tf	TF:M00971_1	Factor: Ets; motif: ACTTCCTS; match class: 1	1197	453	55	0.000131	0.121	0.046	2	
										H2-M2,CCL5,C3,H2-Q7,CD74,CCL8,H2-AB1,H2-AA,H2-Q6,LY9,CXCL10,IFI209,GM4951,MS4A6C,H2-Q4,BC12A18,SPINT1,IRGM2,B2M,GBP2,CLEC12A,BST2,H2-DMB1,H2-T23,GBP6,C1RA,ST14,OAS1Z,CCR2,S100A8,SULT1A1,TLR2,HCK,NAIP2,GBP5,ITB,TLR12,MYO1F,ICAM1,WFDC17,TNFAIP2,TMEM252,GBP4,CXCL16,DLK1,RHOH,NEURL3,USP18,ACP5,SNX20,PTPN6,FERMT3,TNFRSF1B,H2-M3,AIF1,PARP14,ARHGAP30,PIK3R5,NCF4,GBP3,LCP1,DOCK2,H2-DMA,BLNK,CD37,RAB32,LAIR1,PLA1A,CTSH,GBP9,LSP1,MAFB,FAM46C,IKBKE,TRIM30D,CAPN3,SERPING1,MAFF,CD33,TREM2,BIRC3,ABCC3,PARP10,PRODH,FI27L2A,LAPTM5,PLAU,TRIM21,FAM111A,LPXN,IL1R1,IL4RA,ISG15,IRF9,RAB20,TOR3A,RASD1,TGM2,GLIPR2,MT2,NFKBIE,PIM1,GGTA1,ATF5,KLK6,BCO49352,CYP2E1,CFB,EBI3,TEKT4,CCL9,IB300773D2RIK,TNFAIP3,CASP4,STEAP4,PLBD1,RETNLG,XLR,ICOS,BATF2,GLRA4,CLEC4N,DUSP2,GFY,GBP8,CCL17,F10,NAPSA,BCL3,CNMD,CRHR2,CZ,ALDH1A7,CCL2,VMO1,SLAMF8,IGSF6
tf	TF:M00052_0	Factor: NF-kappaB; motif: GGGRATTTCC; match class: 0	4296	486	137	0.0283	0.282	0.032	1	
										CD74,LY9,CXCL10,SPINT1,CLEC12A,H2-T23,SULT1A1,LTB,ICAM1,TNFAIP2,TMEM252,GBP4,ACP5,TNFRSF1B,ARHGAP30,IKBKE,SERPING1,PLAU,RAB20,RASD1,MT2,NFKBIE,GGTA1,ATF5,TNFAIP3,DUSP2,CCL17,F10,CNMD,C2
tf	TF:M00052_1	Factor: NF-kappaB; motif: GGGRATTTCC; match class: 1	517	474	30	0.00343	0.063	0.058	2	

tf	TF:M09004_1	Factor: SMAD4; motif: TGTCTRGM; match class: 1	6388	496	192	0.0481	0.387	0.03	1	HCAR2,CLEC4E,C130026I21RIK,GZMB,CCL1,CCL5,CXCL9,IFI204,FCGR4,LCN2,H2-AA,CYBB,CD22,NLRC5,IFI207,ZBP1,CSF2RB2,LRG1,CCL12,CSF2RB,MYO1G,BCL2A1B,PSMB8,TAP1,SPINT1,BPIFB4,TGTP1,PSMB9,GBP2,CLEC12A,ACAP1,BST2,TLR1,GBP6,A2M,ELF4,LAT,SERPINA3N,ARHGAP9,OASL2,CCR2,S100A8,CRYBA4,RASAL3,ITGB7,TLR2,GBP5,PLAC8,THEMIS2,TLR12,CD274,CD300C2,CSF3R,TTR,OAS2,PYCARD,TNFAIP2,TMEM252,C1S1,PLD4,WAS,FCER1G,DLK1,RHOH,IL10RA,NEURL3,CH25H,HCLS1,NAIP5,SASH3,PTPN6,GSDMD,FERMT3,TNFRSF1B,IKZF1,AIF1,LAG3,CD86,CLEC10A,PARP14,ARHGAP30,HIF3A,LCP1,TMEM140,H2-DMA,HAVCR2,S100A4,RAB32,GFAP,LAIR1,CCDC88B,PLA1A,GBP7,ADORA3,GBP9,TSPO,HIST1H4H,LSP1,PIK3CG,PRKCD,CAPN3,INPP5D,PARVG,MLPH,PTPN22,TIFAB,LGALS9,TGFBI,CARD9,CD300A,CBR2,RSAD2,PARP10,PRODH,XAF1,VWF,PLAU,TRIM21,KLHL6,IL6RA,PIK3R6,H2-T22,CCR5,BTK,IL1R1,IFIT1,IFIT3,RAB20,SP140,CMTM7,SP100,RIN3,ADM,FOLH1,TGM2,UBE2L6,FAM107A,SLCO4A1,PSTPIP1,SH3BP2,MERTK,CYTH4,LY6E,COL1A1,NPAS4,APLN,ATF5,FOS,MYOC,COL28A1,BC049352,OMP,CYP2E1,GPR84,TMEM52,ANG,CMKLR1,CCRL2,DOK1,PRR22,RETNLG,ICOS,GBGT1,GLRA4,LY6G5B,A630001G21RIK,CLEC4N,UPP1,DUSP2,DOK2,PLAUR,STAB1,GPX6,GFY,LAT2,CCL17,NAPSA,IL16,CNMD,CRHR2,C2,GPR35,ALDH1A7,1700016K19RIK,SLAMF8,CAMP,MILR1,BAZ1A,RAPSN,MAS1,PILRA,AGR3
tf	TF:M00221_1	Factor: SREBP-1; motif: KATCACCCCAC; match class: 1	6434	420	180	0.0000808	0.429	0.028	1	C130026I21RIK,H2-Q7,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,H2-Q6,TSPAN32,GM4951,ZBP1,CD4,IGTP,H2-OA,IL2RG,H2-Q4,H2-K1,AB124611,ITGAL,PSMB8,H2-D1,SPINT1,SLFN2,B2M,GBP2,GIMAP4,IRF7,ACAP1,BST2,H2-T23,GBP6,C4B,ELF4,ITGB2,OASL2,RAC2,SULT1A1,TLR2,HCK,THEMIS2,IL21R,LTB,TLR12,CD274,MYO1F,TLR7,CSF3R,OAS2,NCF1,PTPRC,TNFAIP2,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,TNFSF13B,FCER1G,TLR9,DLK1,IL10RA,GALNT15,P2RY6,C1QC,LST1,NAIP5,SPI1,SASH3,APOBEC1,ICOSL,TNFRSF1B,CRYBB1,CTSC,AIF1,LAG3,VAV1,ARHGAP30,GBP3,HIF3A,TMEM140,H2-DMA,ARHGAP45,S100A4,FAS,LY86,PLCG2,BLNK,CD37,RAB32,F13A1,HK2,DDX60,GFAP,CTSH,UNC93B1,LY6A,ADORA3,HVCN1,ASPG,TSPO,CTLA2B,PIK3CG,DHX58,RNF213,FAM46C,PARP3,PRKCD,IL1A,TRIM30D,PARVG,MLPH,PTPN22,PARP9,TREM2,LGALS9,DTX3L,FKBP5,PHYHD1,FGFBP1,MAP3K6,CBR2,RSAD2,TAP2,XAF1,LAPTM5,VWF,TRIM21,PDZPH1,PIK3R6,H2-T22,CCR5,BTK,IL4RA,IFIT3,CEBPA,NFAM1,APOC1,RAB20,SP140,IFITM3,ECM1,RIN3,ADM,UBE2L6,CTSZ,BIN2,FAM107A,MT2,SH3BP2,PIM1,GGTA1,ITIH3,GRN,CYTH4,LY6E,COL1A1,NPAS4,APLN,ATF5,UGT8A,FOS,EGR4,BC049352,OMP,FCRLS,HP,GPR84,TMEM52,TEKT4,ISG20,PRR5L,CLEC4A3,SLC22A18,LTBP2,CMKLR1,AI467606,PLBD1,GPR65,CCRL2
tf	TF:M00771_0	Factor: Ets; motif: ANNCACTTCCTG; match class: 0	9819	468	275	0.0000739	0.588	0.028	1	CLEC4E,CCL5,C3,CHIL3,IFI204,FCGR4,LCN2,H2-AA,H2-EB1,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,GM4951,IFI207,CSF2RB2,CD52,LRG1,LYZ2,CCL12,H2-OA,MYO1G,IL2RG,BCL2A1B,H2-K1,MS4A7,LGALS3,AB124611,MS4A6D,H2-D1,TAP1,SLFN2,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,MS4A6B,GIMAP4,IRF7,ACAP1,IRGM1,CTSS,GBP6,A2M,FYB,C3AR1,C4B,CD84,ELF4,ITGB2,ST14,ARHGAP9,OASL2,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,PLAC8,XDH,OASL1,LTB,TLR12,C1QA,SLAMF9,MYO1F,CD300C2,WFDC17,CSF3R,TLR13,TTR,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,WAS,C1QB,ADGRE1,FCER1G,APOBEC3,TLR9,DLK1,IL10RA,TRPV4,CH25H,P2RY6,HCLS1,LST1,NAIP5,SPI1,SASH3,APOBEC1,ACP5,IRF1,PTPN6,GSDMD,FERMT3,ADCY7,CD163,CRYBB1,NGP,CTSC,AIF1,LAG3,CD86,CLEC10A,ARHGAP30,PIK3R5,PTAFR,HIF3A,LCP1,TMEM140,H2-DMA,ARHGAP45,HAVCR2,S100A4,FAS,ALOX5AP,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,GFAP,LAIR1,CCDC88B,PLA1A,GBP7,UNC93B1,LY6A,ADORA3,ASPG,TSPO,LSP1,MAFB,PIK3CG,RNF213,PARP3,IKBKE,NCF2,PRKCD,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,CD33,MLPH,PARP9,TREM2,BIRC3,DTX3L,PHYHD1,TGFBI,CARD9,NCKAP1L,CBR2,RHBDF2,RSAD2,PARP10,LAPTM5,VWF,PLAU,TRIM21,KLHL6,IL6RA,FAM111A,CCR5,LCK,BTK,IFIT1,IL4RA,UBA7,CEBPA,NFAM1,APOC1,IRF9,RAB20,ECM1,TMEM173,SP100,RIN3,CD53,TOR3A,RASD1,FOLH1,TGM2,CTSZ,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,GGTA1,MERTK,GRN,CCDC3,LY6E,COL1A1,NPAS4,NGFR,UGT8A,FOS,KLK6,STOML3,BC049352,OMP,FCRLS,CFB,CST7,LY6C2,HP,GPR84,ARL11,EBI3,TEKT4,IFI203,MFSD7A,CCL9,PRR5L,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,LIPH,STEAP4,AI467606,GPR65,MNDAL,HK3,DOK1,PRR22,IL3RA,CYP4F18,PTPN18,LRMP,BATF2,GBGT1,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,DUSP2,DOK2,PLAUR,FAM26F,PON3,LAT2,GBP8,CCL17,SLC38A8,ACBD7,MMP2,CD247,APOL9A,NAPSA,IL16
tf	TF:M00771_1	Factor: Ets; motif: ANNCACTTCCTG; match class: 1	2943	460	98	0.0143	0.213	0.033	2	IFI204,FCGR4,LY9,LRG1,H2-OA,IL2RG,MS4A7,TGTP1,GIMAP4,IRGM1,FYB,ITGB2,ST14,SULT1A1,RASAL3,TLR2,NAIP2,GBP5,PLAC8,LTB,C1QA,MYO1F,TLR13,TTR,TMEM252,OAS1A,CCL6,PLD4,LRRC25,FCER1G,IL10RA,TRPV4,P2RY6,HCLS1,LST1,FERMT3,NGP,AIF1,PTAFR,BLNK,F13A1,ARHGAP25,GFAP,LAIR1,CCDC88B,PLA1A,UNC93B1,LY6A,PIK3CG,IKBKE,NCF2,CAPN3,TMEM106A,FGD2,INPP5D,CD33,BIRC3,PHYHD1,CARD9,NCKAP1L,CBR2,LAPTM5,IL6RA,FAM111A,UBA7,RAB20,ECM1,SP100,CD53,RASD1,TGM2,MT2,PSTPIP1,NFKBIE,GGTA1,LY6E,COL1A1,BC049352,FCRLS,CFB,CST7,HP,IFI203,PRR5L,CLEC4A3,SLC22A18,LTBP2,MNDAL,HK3,IL3RA,CYP4F18,LRMP,LY6G5B,DOK2,LAT2,GBP8,CCL17,ACBD7
tf	TF:M07040_0	Factor: GKLF; motif: NNRRGRRNGNSNNN; match class: 0	17454	474	424	0.021	0.895	0.024	1	HCAR2,CLEC4D,CLEC4E,CD8B1,C130026I21RIK,GZMB,CCL1,CCL5,C3,CHIL3,CXCL9,H2-Q7,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,PIRB,CD22,LY9,AOAH,NLRC5,CXCL10,GM4951,GIMAP3,ZBP1,CD52,LRG1,CD4,IGTP,CCL12,MS4A6C,CSF2RB,TGTP2,IIGP1,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GBP2,MS4A6B,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,GBP6,FYB,C3AR1,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,CD48,SERPINA3N,ARHGAP9,S100A9,OASL2,MPEG1,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,CSF3R,TLR13,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,FGL2,CP,F13A1,ARHGAP25,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,ASPG,TSPO,KCNK6,LSP1,MAFB,PIK3CG,DHX58,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,KLHL6,IL6RA,FAM111A,PIK3R6,H2-T22,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,CMTM7,TMEM173,SP100,RIN3,ADM,TOR3A,RASD1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,COL28A1,STOML3,BC049352,CAPN11,OMP,FCRLS,CFB,CST7,LY6C2,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,TEKT4,IFI203,MFSD7A,ISG20,CCL9,PRR5L,CD180,SLC22A18,LTBP2,TNFAIP3,LIPH,CMKLR1,CASP4,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,HTR6,MMP2,CD247,F10,APOL9A,NAPSA,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2
tf	TF:M07040_1	Factor: GKLF; motif: NNRRGRRNGNSNNN; match class: 1	14263	490	382	0.000259	0.78	0.027	2	HCAR2,CLEC4D,CD8B1,C130026I21RIK,CCL1,CCL5,C3,CHIL3,H2-Q7,CD74,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,H2-Q6,TSPAN32,PIRB,CD22,LY9,CXCL10,GIMAP3,ZBP1,CD52,LRG1,CD4,IGTP,CCL12,MS4A6C,TGTP2,IIGP1,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,PSMB8,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,GIMAP4,CLEC12A,IRF7,ACAP1,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,GBP6,FYB,C3AR1,C4B,CLEC4A2,ELF4,C1RA,LAT,ITGB2,SERPINA3N,ARHGAP9,OASL2,MPEG1,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,TLR2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OASL1,C5AR1,LGALS3BP,IL21R,LTB,CD274,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,ICAM1,TLR7,CSF3R,TLR13,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,OAS1A,C1S1,PLD4,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,FCER1G,ETNPPL,TLR9,DLK1,RHOH,SP110,IL10RA,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CD163,CRYBB1,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,RAB32,FGL2,ARHGAP25,HK2,GFAP,CD68,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,ASPG,TSPO,KCNK6,MAFB,DHX58,RNF213,FAM46C,PARP3,IKBKE,NCF2,PRKCD,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,CD14,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,TRIM21,KLHL6,IL6RA,PIK3R6,H2-T22,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,CMTM7,TMEM173,RIN3,ADM,RASD1,TGM2,UBE2L6,GLIPR2,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,COL28A1,STOML3,BC049352,CAPN11,OMP,FCRLS,CST7,LY6C2,PHF11D,GPR84,FBLIM1,TMEM52,EBI3,TEKT4,IFI203,ISG20,CCL9,PRR5L,SLC22A18,LTBP2,TNFAIP3,CMKLR1,CASP4,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,PTGER4,HK3,AA467197,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,BATF2,SIGLECE,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,ZC3H12A,B3GNT3,UPP1,DUSP2,DOK2,PLAUR,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,HTR6,MMP2,CD247,F10,NAPSA,IL16,TRIM14,BCL3,CNMD,CRHR2,C2,UNC13D,1700016K19RIK,SPN,CCL2,VMO1,SLAMF8,CAMP,PSD4,IGSF6,MILR1,BAZ1A,CASP12,BGLAP2
tf	TF:M07430_0	Factor: SNA; motif: NCACCTGCNN; match class: 0	5388	137	57	0.0391	0.416	0.011	1	H2-M2,C3,CHIL3,H2-Q7,CCL8,FCGR4,LCN2,H2-Q6,PIRB,NLRC5,CXCL10,GIMAP3,ZBP1,CSF2RB2,LRG1,LYZ2,IGTP,MS4A6C,CSF2RB,IIGP1,AB124611,MS4A6D,BPIFB4,IRGM2,B2M,SLC11A1,MS4A6B,IRF7,BST2,H2-DMB1,H2-T23,IRGM1,CTSS,TAGAP,C4B,CLEC4A2,LAT,ITGB2,SERPINA3N,ARHGAP9,S100A9,OASL2,SULT1A1,HCK,GBP5,THEMIS2,OASL1,LGALS3BP,IL21R,LTB,C1QA,IFI44,SLAMF9,CD300C2,ICAM1,WFDC17,CSF3R
tf	TF:M02092_0	Factor: Egr-2; motif: CCCMCNCN; match class: 0	12361	417	286	0.0261	0.686	0.023	1	HCAR2,CLEC4D,CLEC4E,H2-M2,CD8B1,C130026I21RIK,GZMB,CCL1,C3,H2-Q7,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,CYBB,ITGAX,H2-Q6,PIRB,LY9,AOAH,NLRC5,CXCL10,GIMAP3,ZBP1,CSF2RB2,CD52,LRG1,CD4,IGTP,CCL12,MS4A6C,MYO1G,H2-Q4,BCL2A1B,H2-K1,IL12RB1,LGALS3,AB124611,ITGAL,MS4A6D,IFI47,H2-D1,TAP1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,PSMB9,SLC11A1,MS4A6B,GIMAP4,CLEC12A,IRF7,BST2,H2-DMB1,TLR1,H2-T23,CTSS,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,CD48,SERPINA3N,MPEG1,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,NAIP2,GBP5,SLFN8,THEMIS2,LGALS3BP,LTB,TLR12,MYO1F,CD300C2,ICAM1,TLR7,WFDC17,TTR,OAS2,NCF1,PTPRC,TNFAIP2,TMEM252,OAS1A,CCL6,C1S1,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,ETNPPL,TLR9,DLK1,RHOH,SP110,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,ACP5,ICOSL,IRF1,PTPN6,GSDMD,ADCY7,TNFRSF1B,CD163,CRYBB1,UGT1A7C,NGP,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,ARHGAP30,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,DENND1C,S100A4,FAS,ALOX5AP,STAT1,LY86,PLCG2,BLNK,NUAK2,CD37,FGL2,ARHGAP25,HK2,DDX60,ADAP2,CCDC88B,CTSH,GBP7,UNC93B1,SEPT1,ADORA3,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,MAFB,PIK3CG,FAM46C,PARP3,IKBKE,NCF2,PRKCD,PIK3AP1,TRIM30D,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,PTPN22,TREM2,BIRC3,TIFAB,FKBP5,PHYHD1,ABCC3,CARD9,CD300A,TYROBP,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,TAP2,XAF1,IFI27L2A,LAPTM5,PLAU,TRIM21,IL6RA,PDZPH1,FAM111A,PIK3R6,H2-T22,LCK,BTK,CSF1R,IL1R1,IFIT1,IL4RA,UBA7,IFIT3,CEBPA,APOC1,RAB20,SP140,OSMR,ECM1,CMTM7,TMEM173,CD53,RASD1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,FAM107A,PSTPIP1,NFKBIE,GGTA1,MERTK,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NGFR,UGT8A,EGR4,MYOC,KLK6,COL28A1,STOML3,CAPN11,GKN3,FCRLS,CFB,CST7,LY6C2,PHF11D,GPR84,FBLIM1,TMEM52,EBI3,TEKT4,IFI203,ISG20,CCL9,ANG,CLEC4A3,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,LIPH,CMKLR1,STEAP4,AI467606

tf	TF:M02092_1	Factor: Egr-2; motif: CCCMCNCN; match class: 1	5116	398	133	0.0373	0.334	0.026	2	CLEC4D,C130026I21RIK,CCL1,C3,H2-Q7,CD74,IFI204,FCGR4,LCN2,H2-Q6,PIRB,LY9,NLRC5,CXCL10,GIMAP3,CD52,CD4,IGTP,IL12RB1,LGALS3,AB124611,ITGAL,SLFN2,CLEC4A1,GIMAP4,IRF7,H2-DMB1,H2- T23,C4B,C1RA,ITGB2,CD48,SERPINA3N,MPEG1,ITGB7,NAIP2,THEMIS2,LGALS3BP,ICAM1,OAS2,NCF1,TNFAIP2,CCL6,CXCL16,FCGR3,FCGR1,WAS,CD44,ADGRE1,TLR9,RHOH,SP110,TRPV4,P2RY6,NAIPS,SPI1,APOBEC1,USP18,ACF5,ICOSL,IRF1,PTPN6,CD163,CRYBB1,LAG3,CYP26B1,CLEC10A,PTAFR,NCF4,GBP3,LCP1,CAPG,DOCK2,DENND1C,S100A4,FAS,BLNK,CD37,FGL2,ADAP2,CCDC88B,GBP7,UNC93B1,HVCN1,ASPG,TSPO,KCNK6,LSP1,MAFB,FAM46C,PARP3,IKBKE,NCF2,INPP5D,PARVG,TIFAB,FKBP5,CARD9,TYROBP,ACER2,RHBDF2,TAP2,IFI27L2A,TRIM21,IL6RA,PIK3R6,H2- T22,IL4RA,UBA7,APOC1,RAB20,SP140,ECM1,CMTM7,TGM2,UBE2L6,DNASE2A,FAM107A,GGTA1,GRN,CCDC3,LY6E,CDL1A1,NGFR,EGR4,MYOC,KLK6,CAPN11,FCRLS,GPR84,FBLIM1,TMEM52,EBI3
tf	TF:M00984_1	Factor: PEBP; motif: GNTNACCACARANNK; match class: 1	880	177	21	0.0243	0.119	0.024	1	CXCL9,FCGR4,IFI207,CSF2RB2,CSF2RB,IL2RG,IFI47,SLFN2,BPIFB4,SLC11A1,CLEC12A,IRF7,OASL2,RAC2,CRYBA4,C5AR1,TLR12,TMEM252,FCGR1,HCLS1,C1QC
tf	TF:M03882_0	Factor: RelB:p50; motif: RGAAANTCCCYNNHGC; match class: 0	9593	486	268	0.0143	0.551	0.028	1	HCAR2,CLEC4E,H2-M2,C130026I21RIK,CCL5,C3,CXCL9,CD74,CCL8,IFI204,FCGR4,H2-AB1,H2-AA,CYBB,H2-Q6,H2- EB1,PIRB,LY9,CXCL10,IFI209,GM4951,ZBP1,CSF2RB2,CD52,LY22,CCL12,MS4A6C,IGP1,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,MS4A7,ITGAL,H2- D1,SPINT1,CLEC4A1,PTST1,IRG1M2,BZM,MS4A6B,GIMAP4,CLEC12A,IRF7,BST2,H2- T23,IRGM1,CTSS,GBP6,A2M,C5AR1,C4B,CD84,CLEC4A2,LAT,CD48,CCR2,S100A8,RASAL3,ITGB7,TLR2,HCK,NAIP2,GBP5,PLAC8,OASL1,LGALS3BP,LTB,CD274,IFI44,SLAMF9,CD300C2,ICAM1,TLR7,WFDC17,TLR13,NCF1,TNFAIP2,TMEM252,GBP4,OAS1A,LRRC25,CXCL16,TNFSF13B,C1QB,FCER1G,ETNPPL,APOBEC3,DLK1,RHOH,SP110,GALNT15,NEURL3,C1QC,NAIP5,SPI1,SASH3,APOBEC1,ICOSL,IRF1,SNX20,PTPN6,GSDMD,ADCY7,TNFRSF1B,UGT1A7C,H2- M3,NGP,AIF1,CYP26B1,CD86,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,HIF3A,DOCK2,TMEM140,ARHGAP45,HAVCR2,DENND1C,FAS,ALOX5AP,PLCG2,BLNK,NUAK2,CD37,CP,F13A1,ARHGAP25,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,SEPT1,GBP9,HVCN1,ASPG,TSPO,LSP1,MAFB,PARP3,IKBKE,L1A,TRIM30D,SERPING1,PARVG,PARP9,TREM2,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,ABCC3,CARD9,FGFBP1,MAP3K6,RSAD2,PARP10,XAF1,IFI27L2A,VWF,PLAU,TRIM21,FAM111A,H2- T22,CSF1R,UBA7,IFIT3,ISG15,APOC1,IRF9,RAB20,OSMR,CMTM7,TMEM173,RIN3,ADM,RASD1,GLIPR2,CTSZ,DNASE2A,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,ITIH3,GRN,CYTH4,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,KLK6,STOML3,OMP,GKN3,CYP2E1,FCRLS,CST7,HP,PHF11D,GPR84,TMEM52,ARL11,IFI203,ISG20,CCL9,PRR5L,SLC22A18,LIPH,CMKLR1,CASP4,PLBD1,MNDAL,PTGER4,DOK1,RETNLG,XLR,LRMP,BATF2,9GLECE,GBGT1,GLRA4,GBP10,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,UPP1,STAB1,GPX6,GBP8,CCL17,SLC38A8,ACBD7,MMP2,F10,APOL9A,NAPSA,TRIM14,CNMD,CRHR2,GPR35,ALDH1A7,UNC13D,SPN,CCL2,VMO1,SLAMF8,CAMP,PSD4,IGSF6
tf	TF:M03545_0	Factor: c-Rel; motif: NGGGGAATYTCCN; match class: 0	11237	495	318	0.000552	0.642	0.028	1	HCAR2,CLEC4E,H2-M2,CD8B1,GZMB,CCL5,C3,H2-Q7,CD74,CCL8,H2-AB1,LCN2,H2-AA,H2-Q6,TSPAN32,H2- EB1,CD22,LY9,AOAH,CXCL10,IFI209,GM4951,ZBP1,CSF2RB2,CD52,LY22,CD4,IGTP,CCL12,MS4A6C,CSF2RB,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,AB124611,ITGAL,MS4A6D,H2- D1,TAP1,SPINT1,CLEC4A1,BPIFB4,TGTP1,PSMB9,IRGM2,BZM,SLC11A1,GBP2,MS4A6B,CLEC12A,ACAP1,BST2,H2-DMB1,TLR1,H2- T23,IRGM1,CTSS,TAGAP,GBP6,A2M,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ST14,CD48,S100A9,OASL2,MPEG1,CCR2,S100A8,SULT1A1,TLR2,HCK,NAIP2,GBP5,LGALS3BP,LTB,CD274,C1QA,IFI44,SLAMF9,ICAM1,WFDC17,CSF3R,TTR,NCF1,PYCARD,TNFAIP2,TMEM252,GBP4,OAS1A,CCL6,TRIM30A,LRRC25,CXCL16,FCGR3,FCGR1,C1QB,ADGRE1,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,GALNT15,NEURL3,FCER2B,LST1,NAIP5,SPI1,SASH3,APOBEC1,USP18,ACF5,IRF1,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CD163,CRYBB1,H2- M3,NGP,CTSC,AIF1,LAG3,CYP26B1,CLEC10A,PARP14,ARHGAP30,PIK3R5,NCF4,GBP3,HIF3A,LCP1,DOCK2,TMEM140,H2- DMA,HAVCR2,FAS,ALOX5AP,PLCG2,BLNK,NUAK2,CD37,RAB32,FGL2,CP,F13A1,HK2,DDX60,GFAP,LAIR1,PLA1A,UNC93B1,SEPT1,ADORA3,GBP9,ASPG,TSPO,HIST1H4H,KCNK6,LSP1,MAFB,DHX58,RNF213,FAM46C,PARP3,IKBKE,PRKCD,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,MAFF,CD33,MLPH,PTPN22,TREM2,BIRC3,LGALS9,CD14,TGFBI,ABCC3,CARD9,ACER2,RHBDF2,RSAD2,PARP10,PRDH,TAP2,IFI27L2A,VWF,PLAU,TRIM21,IL6RA,TRIM12A,FAM111A,PIK3R6,H2- T22,CCR5,LPXN,CSF1R,IL1R1,IFIT1,UBA7,CEBPA,ISG15,IRF9,RAB20,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,ADM,RASD1,TGM2,GLIPR2,CTSZ,DNASE2A,SLCO4A1,MT2,NFKBIE,PIM1,GGTA1,ITIH3,GRN,CYTH4,CCDC3,CCL1A1,NPAS4,ATF5,UGT8A,FOS,EGR4,KLK6,STOML3,BCD49352,GKN3,CYP2E1,CFB,CST7,LY6C2,PHF11D,GPR84,TMEM52,TEKT4,ANG,CD180,B3GNT7002RIK,TNFAIP3,CASP4,STEAP4,PLBD1,GPR65,CCRL2,PTGER4,HK3,AA467197,DOK1,IL3RA,CYP4F18,RETNLG,XLR,ICOS,BATF2,GBGT1,GLRA4,GBP10,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,DUSP2,DOK2,PLAUR,STAB1,GFY,SLAMF7,GBP8,CCL17,SLC38A8,HTR6,MMP2,F10,APOL9A,NAPSA,IL16,BCL3,CNMD,CRHR2,C2,GPR35,ALDH1A7,UNC13D,CCL2,VMO1,SLAMF8,CAMP,IGSF6,BAZ1A,CASP12,BGLAP2,MAS1,BCL2A1A,PILRA
tf	TF:M03545_1	Factor: c-Rel; motif: NGGGGAATYTCCN; match class: 1	4218	389	121	0.000206	0.311	0.029	2	HCAR2,CLEC4E,H2-M2,CCL5,H2-Q7,CD74,H2-AB1,H2-AA,H2-Q6,LY9,AOAH,CXCL10,CSF2RB2,CD52,LY22,CD4,MS4A6C,CSF2RB,H2-Q4,H2-K1,ITGAL,MS4A6D,H2-D1,SPINT1,MS4A6B,CLEC12A,H2-DMB1,H2- T23,CTSS,A2M,C4B,ELF4,LAT,OASL2,S100A8,SULT1A1,TLR2,NAIP2,LGALS3BP,LTB,ICAM1,WFDC17,CSF3R,NCF1,TNFAIP2,TMEM252,GBP4,CCL6,TRIM30A,LRRC25,ADGRE1,TLR9,DLK1,RHOH,SASH3,USP18,ACF5,PTPN6,GSDMD,TNFRSF1B,H2- M3,CYP26B1,CLEC10A,GBP3,DOCK2,TMEM140,HAVCR2,NUAK2,CD37,FGL2,CP,F13A1,HK2,LAIR1,PLA1A,ADORA3,HIST1H4H,LSP1,MAFB,PARP3,IKBKE,PRKCD,CAPN3,SERPING1,MAFF,BIRC3,LGALS9,CD14,TGFBI,ACER2,PARP10,IFI27L2A,PLAU,PIK3R6,H2- T22,LPXN,CSF1R,ISG15,RAB20,IFITM3,ECM1,TMEM173,RIN3,ADM,RASD1,CTSZ,NFKBIE,PIM1,ITIH3,GRN,CYTH4,COL1A1,NPAS4,ATF5,UGT8A,FOS,STOML3,BCD49352,GKN3,CYP2E1,CFB
tf	TF:M07417_1	Factor: Elf-1; motif: NNCAGGAAGNNN; match class: 1	504	473	27	0.0435	0.057	0.054	1	ITGB2,TLR13,TTR,TMEM252,CCL6,FCER1G,P2RY6,LST1,HIF3A,ALOX5AP,CAPN3,FGD2,CD33,NCKAP1L,TRIM21,ECM1,CD53,RASD1,NFKBIE,COL1A1,SLC22A18,HK3,IL3RA,LRMP,ZC3H12A,GBP8,CRHR2
tf	TF:M07429_1	Factor: SMAD3; motif: CAGACAS; match class: 1	10601	456	285	0.000115	0.625	0.027	1	HCAR2,CLEC4D,H2-M2,CD8B1,CCL1,CCL5,C3,CD74,IFI204,FCGR4,LCN2,H2-AA,H2-Q6,TSPAN32,H2-EB1,AOAH,CXCL10,GIMAP3,IFI207,ZBP1,CSF2RB2,LY22,CD4,IGTP,CSF2RB,TGTP2,IIGP1,H2-OA,MYO1G,H2-Q4,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,IFI47,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,TGTP1,PSMB9,CLEC12A,ACAP1,BST2,H2- DMB1,IRGM1,CTSS,TAGAP,A2M,FYB,C5AR1,C4B,CD84,CLEC4A2,ELF4,LAT,ST14,ARHGAP9,OASL2,CCR2,S100A8,RAC2,CRYBA4,SULT1A1,RASAL3,ITGB7,NAIP2,GBP5,SLFN8,THEMIS2,XDH,OASL1,C5AR1,IL21R,TLR12,CD274,SLAMF9,MYO1F,ICAM1,CSF3R,TTR,OAS2,NCF1,TNFAIP2,TMEM252,OAS1A,CIS1,PLD4,CXCL16,FCGR3,LCP2,TNFSF13B,WAS,CD44,C1QB,ADGRE1,FCER1G,ETNPPL,APOBEC3,DLK1,SP110,IL10RA,GALNT15,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,NAIP5,RTP4,SPI1,SASH3,APOBEC1,USP18,IRF1,SNX20,PTPN6,FERMT3,ADCY7,CD163,CRYBB1,UGT1A7C,H2- M3,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,VAV1,PTAFR,NCF4,GBP3,HIF3A,DOCK2,TMEM140,ARHGAP45,HAVCR2,DENND1C,FAS,ALOX5AP,STAT1,LY86,PLCG2,CD37,F13A1,DDX60,GFAP,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,TSPO,KCNK6,CTLA2B,MAFB,PIK3CG,DHX58,PARP3,IKBKE,PRKCD,IL1A,CAPN3,SERPING1,FGD2,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,TIFAB,LGALS9,DTX3L,CD14,PHYHD1,TGFBI,CARD9,TYROBP,FGFBP1,RHBDF2,RSAD2,PARP10,PRDH,TAP2,XAF1,LAPTM5,PLAU,IL6RA,TRIM12A,FAM111A,H2- T22,ICK,BTK,IL1R1,IFIT1,IFIT3,NFAM1,APOC1,IRF9,RAB20,IFITM3,ECM1,TMEM173,SP100,RIN3,ADM,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A,FAM107A,SLCO4A1,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,IFI35,LY6E,NPAS4,NGFR,UGT8A,EGR4,PRSS35,COL28A1,STOML3,BCO49352,CAPN11,OMP,GKN3,CFB,CST7,PHF11D,GPR84,TMEM52,ARL11,EBI3,MFSD7A,CCL9,PRR5L,CLEC4A3,SLC22A18,LTBP2,TNFAIP3,CMKLR1,STEAP4,AI467606,HK3,DOK1,PRR22,CYP4F18,RETNLG,ICOS,BATF2,GLRA4,LY6G5B,A630001G21RIK,ZC3H12A,CLEC4N,B3GNT3,DUSP2,DOK2,PLAUR,FAM26F,STAB1,GPX6,PON3,GFY,SLAMF7,LAT2
tf	TF:M02820_0	Factor: Tcfap2b; motif: NYGCCYNARGGCAN; match class: 0	2580	403	78	0.0412	0.194	0.03	1	CD8B1,C3,H2-Q7,LCN2,H2-Q6,NLRC5,ZBP1,CSF2RB2,CSF2RB,TGTP2,H2-Q4,H2-K1,LGALS3,ITGAL,H2-D1,EPST1I,TGTP1,IRF7,ACAP1,H2- DMB1,C3AR1,C4B,ELF4,SERPINA3N,SLFN8,OASL1,IL21R,C1QA,MYO1F,NCF1,CIS1,FCGR3,WAS,CD10B,ETNPPL,RHOH,GALNT15,SPI1,ICOSL,SNX20,ADCY7,CD163,IKZF1,CTSC,LAG3,VAV1,DENND1C,ADAP2,SEPT1,HVCN1,TSPO,L1A,FGD2,PTPN22,TGFBI,NCKAP1L,MAP3K6,PRODH,PLAU,IL1R1,IL4RA,APOC1,RAB20,ECM1,CMTM7,TMEM173,RASD1,MT2,PIM1,GRN,NPAS4,EGR4,COL28A1,CAPN11,FBLIM1,EBI3,TEKT4,CCL9
tf	TF:M00712_1	Factor: myogenin; motif: RGCAGSTG; match class: 1	6091	460	177	0.00778	0.385	0.029	1	H2-M2,C130026I21RIK,CCL5,H2-Q7,CCL8,H2-AB1,LCN2,ITGAX,H2-Q6,H2- EB1,PIRB,CXCL10,ZBP1,CSF2RB2,CD52,LRG1,CD4,CSF2RB,AB124611,MS4A6D,BPIFB4,EPST1I,IRGM2,BZM,SLC11A1,IRF7,ACAP1,BST2,H2-DMB1,H2- T23,IRGM1,CTSS,TAGAP,A2M,C4B,CLEC4A2,ELF4,LAT,ST14,SERPINA3N,ARHGAP9,S100A8,SULT1A1,HCK,THEMIS2,XDH,OASL1,LTB,C1QA,SLAMF9,CD300C2,CSF3R,NCF1,TNFAIP2,TMEM252,PLD4,TRIM30A,LRRC25,CXCL16,CD44,FCER1G,ADGRE1,TLR9,RHOH,GALNT15,NEURL3,TRPV4,C1QC,LST1,APOBEC1,USP18,ICOSL,IRF1,SNX20,CRYBB1,NGP,CLEC10A,ARHGAP30,PTAFR,DOCK2,ARHGAP45,DENND1C,FAS,LY86,PLCG2,BLNK,CD37,CD68,CTSH,SEPT1,HVCN1,TSPO,KCNK6,LSP1,DHX58,FAM46C,PARP3,NCF2,PIK3AP1,TRIM30D,FGD2,INPP5D,MLPH,TREM2,TIFAB,FKBP5,CARD9,NCKAP1L,CD300A,TYROBP,MAP3K6,ACER2,IFI27L2A,VWF,PLAU,PDZPH1,PIK3R6,H2- T22,UBA7,CEBPA,ISG15,APOC1,RAB20,SP140,OSMR,ECM1,SP100,RIN3,TOR3A,RASD1,GLIPR2,CTSZ,DNASE2A,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,PIM1,ITIH3,GRN,CYTH4,CCDC3,IFI35,NGFR,EGR4,KLK6,BCO49352,OMP,GKN3,CFB,CST7,HP,GPR84,TMEM52,EBI3,CLEC4A3,SLC22A18,LIPH,HK3,DOK1,PRR22,LRMP,BATF2,GBP10,A630001G21RIK,ZC3H12A,UPP1,DUSP2,PLAUR,STAB1,GFY,SLAMF7,LAT2,CCL17,SLC38A8,ACBD7

tf	TF:M02852_0	Factor: ESRRA; motif: NKNNAGGGGTCANNNNN; match class: 0	10095	338	202	0.0148	0.598	0.02	1	HCAR2,CLEC4E,H2-M2,CDBB1,CCL5,C3,CXCL9,H2-Q7,CCL8,FCGR4,H2-AB1,LCN2,CYBB,TSPAN32,H2-EB1,PIR8,CD22,LY9,AOAH,IFI205,GIMAP3,CSF2RB2,LRG1,JGTP,CSF2RB,TGTP2,IGP1,H2-DA,MYO1G,IL2RG,BCL2A1B,IL12RB1,MS4A6D,AB124611,MS4A6D,H2-D1,TAP1,SLFN2,CLEC4A1,TGTP1,PSMB9,IRGM2,GIMAP4,ACAP1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,GBP6,A2M,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,S100A9,OAS1Z,MPEG1,S100A8,SULT1A1,RASAL3,ITGB7,TLR2,HCK,PLAC8,OAS1L,CSAR1,LGALS3BP,LTB,CD274,C1QA,IFI44,SLAMF9,CD300C2,TLR7,WFDC17,CSF3R,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,GBP4,CCL6,C1S1,LRRC25,CXCL16,FCGR1,TNFSF13B,WAS,C1QB,ADGRE1,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,P2RY6,FCGR2B,C1QC,LST1,SPI1,APOBEC1,ACP5,ICOSL,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF1B,CD163,H2-M3,IKZF1,LAG3,CYP26B1,VAV1,PARP14,ARHGAP30,NCF4,HIF3A,LCP1,DOCK2,TMEM140,ARHGAP45,DENND1C,S100A4,ALOXSAP,LY86,PLCG2,BLNK,NUAK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,CTSH,UNC93B1,LY6A,ASPG,TSPO,KCNK6,LSP1,DHX58,RNF213,FAM46C,NCF2,PRKCD,PIK3AP1,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,TREM2,BIRC3,LGALS9,FKBP5,CD14,PHYHD1,CARD9,CD300A,FGFBP1,MAP3K6,CBR2,RHBDF2,RSAD2,PRODH,TAP2,IFI27L2A,LAPTM5,VWF,PLAU,TRIM21,PDZPH1,TRIM12A,FAM111A,H2-T22,LPXN,IL1R1,L4RA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1
tf	TF:M02852_1	Factor: ESRRA; motif: NKNNAGGGGTCANNNNN; match class: 1	3368	318	84	0.00209	0.264	0.025	2	CLEC4E,CDBB1,H2-AB1,LCN2,CYBB,TSPAN32,H2-EB1,CD22,LY9,AOAH,CSF2RB2,LRG1,JGTP,CSF2RB,H2-OA,MYO1G,IL12RB1,MS4A6D,IRGM2,ACAP1,TLR1,H2-T23,GBP6,A2M,C4B,C1RA,ITGB2,OAS1Z,RASAL3,ITGB7,HCK,PLAC8,CSAR1,LGALS3BP,C1QA,CSF3R,NCF1,C1S1,FCGR1,WAS,C1QB,ADGRE1,TNFRSF13B,RHOH,NEURL3,C1QC,SPI1,APOBEC1,ICOSL,SNX20,TNFRSF1B,CD163,H2-M3,IKZF1,CYP26B1,VAV1,PARP14,ARHGAP30,HIF3A,DOCK2,ARHGAP45,DENND1C,NUAK2,GFAP,CCDC88B,KCNK6,DHX58,RNF213,NCF2,PIK3AP1,INPP5D,PARVG,MAFF,CD33,LGALS9,CD14,CARD9,CD300A,FGFBP1,RSAD2,PRODH,TAP2,IFI27L2A,VWF,TRIM21,PDZPH1,FAM111A,H2-T22
tf	TF:M02852_1	Factor: ESRRA; motif: NKNNAGGGGTCANNNNN; match class: 1	3368	318	84	0.00209	0.264	0.025	2	HCAR2,CLEC4E_C130026I21RIK,CCL1,C3,CHIL3,CXCL9,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,ITGAX,TSPAN32,H2-EB1,PIR8,CD22,LY9,AOAH,NLRC5,CXCL10,IFI209,GM4951,GIMAP3,IFI207,CSF2RB2,CD52,LRG1,LY22,CD4,JGTP,CCL12,CSF2RB,TGTP2,IGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,LGALS3,ITGAL,MS4A6D,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GIMAP4,CLEC12A,ACAP1,BST2,H2-DMB1,TLR1,IRGM1,CTSS,TAGAP,GBP6,FYB,CD84,ELF4,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OAS1Z,S100A8,RAC2,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,PLAC8,XDH,CSAR1,LGALS3BP,LTB,TLR12,C1QA,IFI44,SLAMF9,MYO1F,CD300C2,WFDC17,CSF3R,TLR13,TTR,OAS2,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LRRC25,FCGR3,LCP2,TNFSF13B,C1QB,ADGRE1,FCER1G,ETNPP6,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,APOBEC1,ACP5,IRF1,SNX20,PTPN6,GSDMD,FERMT3,ADCY7,CD163,CRYBB1,UGT1A7C,H2-M3,NGP,AIF1,LAG3,CYP26B1,CD86,CLEC10A,PARP14,ARHGAP30,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOXSAP,STAT1,LY86,PLCG2,BLNK,CD37,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,CTLA2B,MAFB,PIK3CG,RNF213,IKBKE,NCF2,PRKCD,PIK3AP1,TRIM30D,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PAR P9,TREM2,BIRC3,DTX3L,PHYHD1,TGFBI,ABCC3,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,TRIM21,KLHL6,L6RA,PDZPH1,FAM111A,CCR5,LPXN,LCK,BTK,CSF1R,IL1R1,IFIT1,L4RA,UBA7,CEBPA,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,TMEM173,SP100,RIN3,CDS3,ADM,TOR3A,RASD1,FOLH1,TGM2,GLIPR 2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,GGTA1,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,EGR4,MYOC,KLK6,COL2BA1,STOML3,BC049352,OMP,GKN3,CYP2E1,F CRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,ARL11,EBI3,IFI203,MFSD7A,PRRSL,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,TNFAIP3,UPF1,CMKLR1,CASP4,STEAP4,AI467606 6,GPR65,MNDAL,HK3,DOK1,PRR22,IL3RA,CYP4F18,RETNLG,PTPN18,LRMP,SIGLECE,GLRA4,GBP10,Y6G5B,A630001G21RIK,ZC3H12A,UPP1,DUSP2,DOK2,PLAUR,FAM26F,STAB1,PON3,SLAMF7,LAT2 ,GBP8,CCL17,SLC38A8,ACBD7,HTR6,MMP2,CD247,F10,APOL9A,IL16,TRIM14,BCL3,NPPC,CRHR2,C2,GPR35,ALDH1A7,UNC13D,1700016K19RIK,SPN,CCL2,UPK1B,VMO1,SLAMF8,CAMP,PSD4
tf	TF:M07252_1	Factor: Elk-1; motif: CTTCCKG; match class: 1	13303	485	375	6.55E-09	0.773	0.028	1	
tf	TF:M02791_0	Factor: RXRalpha; motif: NNNNNTGACCCCNNNNN; match class: 0	13600	483	353	0.0382	0.731	0.026	1	HCAR2,CLEC4E,H2-M2,CDBB1,GZMB,CCL1,CCL5,C3,CXCL9,H2-Q7,CCL8,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,H2-Q6,TSPAN32,H2-EB1,PIR8,CD22,LY9,AOAH,NLRC5,IFI209,GM4951,GIMAP3,ZBP1,CSF2RB2,LRG1,LY22,JGTP,CCL12,CSF2RB,TGTP2,IGP1,H2-OA,MYO1G,IL2RG,H2-Q4,BCL2A1B,H2-K1,IL12RB1,MS4A7,AB124611,TGAL,MS4A6D,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GIMAP4,CLEC12A,ACAP1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,GBP6,A2M,C4B,CD84,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,SERPINA3N,S100A9,OAS1Z,MPEG1,S100A8,CRYBA4,SULT1A1,ITGB7,TLR2,HCK,PLAC8,XDH,OAS1L,CSAR1,LGALS3BP,LTB,TLR12,C1QA,IFI44,SLAMF9,MYO1F,ICAM1,TLR7,CSF3R,TLR13,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,GBP4,C1S1,LRRC25,CXCL16,FCGR1,TNFSF13B,WAS,C1QB,ADGRE1,ETNPP6,APOBEC3,TLR9,DLK1,RHOH,IL10RA,GALNT15,NEURL3,P2RY6,FCGR2B,C1QC,LST1,RTP4,SPI1,APOBEC1,USP18,ICOSL,SNX20,PTPN6,GSDMD,TNFRSF1B,CD163,H2-M3,NGP,IKZF1,AIF1,LAG3,CYP26B1,VAV1,PARP14,ARHGAP30,PTAFR,NCF4,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,S100A4,FAS,ALOXSAP,STAT1,LY86,BLNK,NUAK2,CD37,F13A1,ARHGAP25,GFAP,LAIR1,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,HV CN1,ASPG,TSPO,KCNK6,LSP1,PIK3CG,DHX58,RNF213,FAM46C,PARP3,NCF2,PRKCD,PIK3AP1,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,BIRC3,LG ALS9,FKBP5,CD14,PHYHD1,CARD9,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,TRIM21,PDZPH1,TRIM12A,FAM111A,H2-T22,LPXN,IFIT1,L4RA,UBA7,IFIT3,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,OSMR,IFITM3,ECM1,CMTM7,TMEM173,RIN3,ADM,FOLH1,TGM2,UBE2L6,CTSZ,DNASE2A,BIN2,SLCO4A1,MT2,PSTPIP1,S H3BP2,MERTK,ITIH3,GRN,CYTH4,FIR35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,MYOC,KLK6,COL2BA1,STOML3,BC049352,CAPN11,OMP,GKN3,CYP2E1,CST7,LY6C2,HP,GPR84,FBLIM 1,TMEM52,ARL11,TEKT4,IFI203,ISG20,ANG,CLEC4A3,CD180,SLC22A18,LTBP2,I830077J02RIK,LIPH,CMKLR1,STEAP4,AI467606,PLBD1,GPR65,CCRL2,MNDAL,PTGER4,HK3,DOK1,IL3RA,CYP4F18,RETNL G,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,CLECAL,B3GNT3,UPP1,DOK2,PLAUR,FAM26F,STAB1,GPX6,GFY,SLAMF7,LAT2,CCL17,SLC38A8,ACBD7,HTR6 ,MMP2,F10,APOL9A,NAP5A,IL16,TRIM14,BCL3,NPPC,CNMD,ALDH1A7,UNC13D,1700016K19RIK,SPN,CCL2,UPK1B,VMO1,SLAMF8
tf	TF:M02791_1	Factor: RXRalpha; motif: NNNNNTGACCCCNNNNN; match class: 1	6511	396	170	0.000449	0.429	0.026	2	HCAR2,CLEC4E,CDBB1,CCL5,C3,H2-Q7,FCGR4,H2-AB1,LCN2,CYBB,H2-Q6,TSPAN32,H2-EB1,PIR8,CD22,LY9,NLRC5,GIMAP3,ZBP1,CSF2RB2,LRG1,JGTP,CCL12,CSF2RB,H2-OA,MYO1G,IL12RB1,AB124611,MS4A6D,H2-D1,TAP1,PSMB9,IRGM2,SLC11A1,GIMAP4,ACAP1,BST2,TLR1,H2-T23,IRGM1,GBP6,A2M,C4B,C1RA,TGB2,ST14,SERPINA3N,OAS1Z,CRYBA4,SULT1A1,TGB7,TLR2,HCK,PLAC8,CSAR1,LGALS3BP,LTB,TLR12,C1QA,SLAMF9,ICAM1,CSF3R,TLR13,OAS2,NCF1,TNFAIP2,C1S1,LRRC25,CXCL16,FCGR1,WAS,C1QB,APOBEC3,TLR9,DLK1,RHOH,IL10RA,GALNT15,NEURL3,P2RY6,FCGR2B,C1QC,LST1,SPI1,APOBEC1,USP18,ICOSL,SNX20,TNFRSF1B,CD163,IKZF1,CYP26B1,VAV1,P ARP14,ARHGAP30,PTAFR,HIF3A,DOCK2,TMEM140,H2-DMA,ARHGAP45,DENND1C,FAS,ALOXSAP,LY86,BLNK,NUAK2,CD37,F13A1,GFAP,CCDC88B,CTSH,TSPO,KCNK6,LSP1,RNF213,NCF2,SERPING1,INPP5D,PARVG,CD33,MLPH,PTPN22,FKBP5,CD14,CARD9 ,CD300A,TYROBP,FGFBP1,RHBDF2,RSAD2,PRODH,XAF1,IFI27L2A,LAPTM5,VWF,TRIM21,PDZPH1,TRIM12A,FAM111A,H2-T22,IL4RA,ISG15,NFAM1,APOC1,OSMR,CMTM7,RIN3,ADM,TGM2,UBE2L6,CTSZ,DNASE2A,MT2,PSTPIP1,MERTK,APLN,NGFR,ATF5,FOS,KLK6,STOML3,BC049352,CAPN11,GKN3,CST7,LY6C2,HP,GPR8 4,TMEM52
tf	TF:M08819_0	Factor: LKLF; motif: CNCCACCCS; match class: 0	10136	484	282	0.00477	0.583	0.028	1	CLEC4D,C130026I21RIK,GZMB,CCL5,CXCL9,H2-Q7,CD74,IFI204,H2-AB1,LCN2,ITGAX,H2-Q6,AOAH,NLRC5,ZBP1,CD52,LRG1,IGTP,H2-OA,MYO1G,H2-Q4,BCL2A1B,H2-K1,IL12RB1,LGALS3,AB124611,ITGAL,MS4A6D,PSMB8,H2-D1,TAP1,SPINT1,SLFN2,CLEC4A1,BPIFB4,PSMB9,GBP2,IRF7,ACAP1,BST2,H2-T23,CTSS,TAGAP,GBP6,CAB,ELF4,C1RA,LAT,SERPINA3N,S100A9,MPEG1,CRYBA4,SULT1A1,ITGB7,PLAC8,OAS1L,CSAR1,LGALS3BP,IL21R,LTB,TLR12,CD274,C1QA,SLAMF9,MYO1F,ICAM1,TLR7,CSF3R, OAS2,PYCARD,PTPRC,TNFAIP2,TMEM252,GBP4,OAS1A,C1S1,PLD4,LRRC25,CXCL16,FCGR3,TNFSF13B,WAS,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,FCGR2B,C1QC, LST1,NAIP5,SASH3,APOBEC1,ACP5,ICOSL,IRF1,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,H2-M3,CTSC,LAG3,CLEC10A,VAV1,ARHGAP30,PIK3R5,PTAFR,HIF3A,LCP1,CAPG,TMEM140,H2-DMA,ARHGAP45,DENND1C,TNFAIP8L2,FAS,ALOXSAP,PLCG2,BLNK,CD37,F13A1,HK2,GFAP,CD68,LAIR1,PLA1A,CTSH,GBP7,UNC93B1,SEPT1,ADORA3,GBP9,HVCN1,ASPG,TSPO,LSP1,MAFB,DHX58,PA RP3,KBKE,NCF2,PRKCD,CAPN3,SERPING1,FGD2,PARVG,MAFF,CD33,PTPN22,BIRC3,LGALS9,FKBP5,NCKAP1L,TYROBP,MAP3K6,RHBDF2,PARP10,TAP2,XAF1,IFI27L2A,VWF,PLAU,KLHL6,L6RA,PDZPH 1,PIK3R6,H2-T22,LPXN,LCK,BTK,IL1R1,IFIT1,L4RA,UBA7,CEBPA,ISG15,NFAM1,APOC1,IRF9,RAB20,SP140,IFITM3,ECM1,RIN3,ADM,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,DNASE2A,BIN2,FAM107A,SLCO4 A1,MT2,PSTPIP1,SH3BP2,NFKBIE,PIM1,GGTA1,MERTK,ITIH3,GRN,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,CAPN11,OMP,GKN3,CYP2E1,FCRLS,CFB,TMEM52, EBI3,TEKT4,MFSD7A,ISG20,CCL9,CLEC4A3,SLC22A18,I830077J02RIK,TNFAIP3,LIPH,STEAP4,AI467606,PLBD1,GPR65,CCRL2,PTGER4,AA467197,DOK1,PRR22,IL3RA,CYP4F18,XLR,PTPN18,LRMP,BATF2 ,GBGT1,GLRA4,GBP10,ZC3H12A,B3GNT3,UPP1,DUSP2,FAM26F,STAB1,GFY,GBP8,SLC38A8,HTR6,MMP2,CD247,F10,TRIM14,BCL3,CNMD,CRHR2,C2,SPN,CCL2,UPK1B,VMO1,SLAMF8,CAMP
tf	TF:M08819_1	Factor: LKLF; motif: CNCCACCCS; match class: 1	5138	492	159	0.0496	0.323	0.031	2	C130026I21RIK,CCL5,H2-AB1,LCN2,ITGAX,H2-Q6,ZBP1,CD52,LRG1,MYO1G,IL12RB1,AB124611,ITGAL,PSMB8,H2-D1,SLFN2,IRF7,ACAP1,BST2,CTSS,TAGAP,C1RA,LAT,S100A9,ITGB7,OAS1L,LGALS3BP,IL21R,LTB,CD274,MYO1F,CSF3R,OAS2,PYCARD,PTPRC,OAS1A,C1S1,PLD4,CXCL16,FCGR3,TNFSF13B,TLR9,DLK1,R HOH,IL10RA,NEURL3,TRPV4,P2RY6,C1QC,LST1,SASH3,APOBEC1,ACP5,ICOSL,ADCY7,TNFRSF1B,CTSC,LAG3,VAV1,ARHGAP30,PTAFR,TMEM140,H2-DMA,ARHGAP45,TNFAIP8L2,FAS,ALOXSAP,GBP7,UNC93B1,ADORA3,HVCN1,ASPG,LSP1,DHX58,PARP3,IKBKE,NCF2,PRKCD,SERPING1,PARVG,BIRC3,LGALS9,NCKAP1L,MAP 3K6,RHBDF2,PARP10,TAP2,XAF1,VWF,PDZPH1,LPXN,BTK,L4RA,CEBPA,ISG15,NFAM1,APOC1,SP140,IFITM3,ECM1,RIN3,ADM,RASD1,FOLH1,TGM2,UBE2L6,FAM107A,PSTPIP1,SH3BP2,PIM1,GGTA1 ,ITIH3,GRN,CCDC3,LY6E,COL1A1,NPAS4,NGFR,ATF5,UGT8A,EGR4,PRSS35,CFB,TMEM52,TEKT4,ISG20,I830077J02RIK,TNFAIP3,AI467606,PLBD1,GPR65,CCRL2,AA467197,PRR22,IL3RA,LRMP,GBGT1, DUSP2,FAM26F,STAB1,GFY,SLC38A8,MMP2,CD247,TRIM14,BCL3,CRHR2,CCL2,VMO1,SLAMF8,CAMP,BGLAP2,RAP5N,MAS1

tf	TF:M00208_0	Factor: NF-kappaB; motif: NGGGACTTTCCA; match class: 0	7192	390	185	0.0000587	0.474	0.026	1
tf	TF:M02042_0	Factor: Spic; motif: NNVGGAAGTN; match class: 0	10833	362	226	0.0312	0.624	0.021	1
tf	TF:M02042_1	Factor: Spic; motif: NNVGGAAGTN; match class: 1	3844	436	118	0.00479	0.271	0.031	2
tf	TF:M08887_0	Factor: IRF; motif: NNGAAANTGAAANN; match class: 0	4131	250	84	0.000175	0.336	0.02	1
tf	TF:M08887_1	Factor: IRF; motif: NNGAAANTGAAANN; match class: 1	565	157	22	0.00000034	0.14	0.039	2
tf	TF:M07382_1	Factor: Fli-1; motif: MGGAAGT; match class: 1	9090	413	237	0.00000488	0.574	0.026	1
tf	TF:M02111_0	Factor: NR1B2; motif: NTGACCY; match class: 0	16265	491	421	0.000899	0.857	0.026	1
tf	TF:M02111_1	Factor: NR1B2; motif: NTGACCY; match class: 1	10327	470	289	0.0000295	0.615	0.028	2

tf	TF:M00453_0	Factor: IRF-7; motif: TNSGAAWNCGAAANTNNN; match class: 0	8461	351	181	0.0181	0.516	0.021	1	HCAR2,CLEC4D,H2-M2,C130026I21RIK,CCL1,CHIL3,CXCL9,CCL8,IFI204,FCGR4,H2-AB1,H2-AA,TSPAN32,PIR8,CD22,NLRC5,CXCL10,IFI209,GM4951,IFI207,ZBP1,CSF2RB2,CD52,CD4,IGTP,MS4A6C,CSF2RB,TGTP2,IIGP1,H2-QA,IL2RG,H2-Q4,BCL2A1B,PSMB8,TAP1,EPSTI1,TGTP1,PSMB9,IRGM2,B2M,GBP2,GIMAP4,IRF7,BST2,TLR1,IRGM1,CTSS,TAGAP,A2M,CD84,ELF4,S100A9,OASL2,MPEG1,S100A8,RASAL3,ITGB7,TLR2,GBP5,SLFN8,PLAC8,THEMIS2,XDH,OASL1,CSAR1,LTB,CD274,IFI44,SLAMF9,CD300C2,WFDC17,TTR,OAS2,NCF1,PYCARD,TMEM252,OAS1A,C1S1,TRIM30A,CXCL16,FCGR1,LCP2,TNFSF13B,WAS,ADGRE1,ETNPPL,APOBEC3,SP110,NEURL3,C1QC,LST1,NAIP5,RTP4,USP18,SNX20,GSDMD,TNFRSF18,CRYBB1,UGT1A7C,H2-M3,NGP,IKZF1,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,HAVCR2,STAT1,LY86,BLNK,NUAK2,CD37,CP,F13A1,ARHGAP25,HK2,DDX60,ADAP2,PLA1A,GBP7,UNC93B1,LY6A,GBP9,KCNK6,MAFB,PIK3CG,DHX58,RNF213,TRIM30D,TMEM106A,SERPING1,FGD2,PARVG,PTPN22,PARP9,TIFAB,LGALS9,DTX3L,TGFBI,CD300A,ACER2,RHBDF2,RSAD2,PRODH,TAP2,XAF1,IFI27L2A,PLAU,TRIM21,IL6RA,PD2PH1,TRIM12A,FAM111A,H2-T22,CCR5,LPXN,IL1R1,IFIT1,IFIT3,CEBPA,ISG15,IRF9,SP140,OSMR,FITM3,TMEM173,SP100,ADM,TOR3A,RASD1,FOLH1,UBE2L6,CTSZ
tf	TF:M00450_1	Factor: Zic3; motif: NGGGKGGTC; match class: 1	14923	477	377	0.0264	0.79	0.025	1	HCAR2,CLEC4D,H2-M2,CDB81,C130026I21RIK,GZMB,CCL1,CCL5,C3,CXCL9,CD74,CCL8,IFI204,FCGR4,H2-AB1,LCN2,H2-AA,CYBB,ITGAX,TSPAN32,H2-EB1,CD22,LY9,NLRC5,IFI209,GM4951,GIMAP3,ZBP1,CD52,LRG1,LY22,CD4,IGTP,CCL12,TGTP2,H2-QA,MYO1G,IL2RG,BC12A1B,IL12RB1,AB124611,ITGAL,MS4A6D,PSMB8,IFI47,H2-D1,TAP1,SLFN2,CLEC4A1,BPIFB4,EPSTI1,PSMB9,IRGM2,SLC11A1,GBP2,MS4A6B,GIMAP4,CLEC12A,IRF7,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,TAGAP,GBP6,FYB,C3AR1,C4B,CLEC4A2,ELF4,C1RA,LAT,ITGB2,ST14,SERPINA3N,ARHGAP9,OASL2,MPEG1,CRYBA4,SULT1A1,ITGB7,HCK,NAIP2,GBP5,SLFN8,PLAC8,THEMIS2,OAS1,CSAR1,IGALSBP,IL21R,LTB,TLR12,C3QA,SLAMF9,MYO1F,CD300C2,ICAM1,CSF3R,TLR13,TTR,OAS2,NCF1,PYCARD,TNFAIP2,TMEM252,OAS1A,C1S1,PLD4,TRIM30A,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,C1QB,FCER1G,ETNPPL,APOBEC3,TLR9,DLK1,RHOH,SP110,IL10RA,GALNT15,NEURL3,TRPV4,P2RY6,HCLS1,C1QC,LST1,NAIP5,SP11,SASH3,APOBEC1,USP18,ICOSL,IRF1,SNX20,PTPN6,FERMT3,ADCY7,CD163,CRYBB1,H2-M3,NGP,IKZF1,CTSC,AIF1,LAG3,CYP26B1,CDB6,CLEC10A,VAV1,PARP14,ARHGAP30,PIK3R5,NCF4,GBP3,HIF3A,LCP1,CAPG,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,DENND1C,TNFAIP8L2,S100A4,FAS,ALOX5AP,LY86,PLCG2,BLNK,NUAK2,CD37,F13A1,ARHGAP25,HK2,DDX60,GFAP,CD68,ADAP2,CCDC88B,GBP7,UNC93B1,SEPT1,LY6A,ADORA3,GBP9,HVCN1,ASPG,TSPO,KCNK6,LSP1,MAFB,DHX58,RNF213,FAM46C,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,TRIM30D,CAPN3,TMEM106A,FGD2,INPP5D,PARVG,MAFF,CD33,MLPH,PTPN22,PARP9,TREM2,TIFAB,LGALS9,DTX3L,FKBP5,CD14,PHYHD1,TGFBI,CARD9,NCKAP1L,CD300A,TYROBP,FGFBP1,MAP3K6,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,IFI27L2A,LAPTM5,VWF,TRIM21,IL6RA,TRIM12A,PIK3R6,H2-T22,CCR5,LPXN,LCK,CSF1R,IL1R1,IFIT1,IL4RA,IFIT3,CEBPA,NFAM1,APOC1,IRF9,RAB20,SP140,ECM1,CMTM7,TMEM173,RIN3,ADM,RASD1,FOLH1,TGM2,UBE2L6,GLIPR2,CTSZ,DNASE2A,BIN2,FAM107A,SLCO4A1,MT2,PSTPIP1,NFKBIE,PIM1,MERTK,ITIH3,GRN,CYTH4,CCDC3,IFI35,LY6E,COL1A1,NPAS4,APLN,NGFR,ATF5,UGT8A,FOS,EGR4,PRSS35,KLK6,STOML3,BCD493S2,CAPN11,OMP,GKN3,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,EB3,TEKT4,IFI203,ISG20,CCL9,PRR5L,ANG,CD180,SLC22A18,LTBP2,JB30077J02RIK,TNFAIP3,LIPH,CMKLR1,STEAP4,GPR65,CCRL2,PTGER4,AA467197,DOK1,PRR22,CYP4F18,XLR,PTPN18,LRMP,ICOS,BATF2,SIGLECE,GBGT1,GLB4A,GBP10,MS4A4B,LY6G5B,A630001G21RIK,ZC3H12A,B3GNT3,OUSP2,DOK2,PLAUR,STAB1,GPX6,GFY,SLAMF7,LAT2,GBP8,CCL17,SLC38A8,ACBD7,HTR6,MMP2,CD247,F10,APOL9A,IL16,TRIM14,BCL3,NPPC,CNMD,CRHR2,C2,GPR35,ALDH1A7,UNC13D
tf	TF:M03579_1	Factor: PEA3; motif: AGGAAGT; match class: 1	9090	413	237	0.00000488	0.574	0.026	1	C130026I21RIK,CCL1,CCL5,C3,CHIL3,CD74,IFI204,FCGR4,TSPAN32,H2-EB1,PIR8,CD22,LY9,IFI209,GM4951,IFI207,CD52,LRG1,CD4,CC112,MS4A6C,H2-QA,MYO1G,H2-Q4,BCL2A1B,IL12RB1,MS4A7,IGALS3,AB124611,MS4A6D,IFI47,SPINT1,SLFN2,BPIFB4,EPSTI1,IRGM2,MS4A6B,GIMAP4,ACAP1,BST2,TLR1;IRGM1,CTSS,TAGAP,A2M,FYB,C3AR1,C4B,CD84,LAT,ITGB2,SERPINA3N,ARHGAP9,S100A9,OASL2,CCR2,S100A8,RAC2,SULT1A1,ITGB7,TLR2,HCK,NAIP2,GBP5,SLFN8,PLAC8,CSAR1,IL21R,LTB,TLR12,CD274,C1QA,MYO1F,CD300C2,ICAM1,WFDC17,CSF3R,TLR13,TTR,OAS2,PYCARD,PTPRC,TMEM252,GBP4,OAS1A,CCL6,C1S1,PLD4,TRIM30A,LCP2,TNFSF13B,ADGRE1,FCER1G,TLR9,SP110,NEURL3,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,C1QC,LST1,NAIP5,RTP4,SPI1,SASH3,ACP5,SNX20,PTPN6,GSDMD,FERMT3,TNFRSF18,CD163,CRYBB1,UGT1A7C,NGP,CTSC,AIF1,LAG3,CYP26B1,CDB6,CLEC10A,VAV1,PIK3R5,NCF4,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,HAVCR2,DENND1C,S100A4,STAT1,LY86,PLCG2,BLNK,CD37,RAB32,CP,F13A1,ARHGAP25,GFAP,LAIR1,CCDC88B,PLA1A,CTSH,UNC93B1,LY6A,HVCN1,KCNK6,LSP1,PIK3CG,RNF213,IKBKE,NCF2,IL1A,CAPN3,TMEM106A,SERPING1,FGD2,INPP5D,PARVG,MAFF,CD33,PTPN22,PARP9,BIRC3,LGALS9,DTX3L,PHYHD1,ABCC3,CARD9,NCKAP1L,MAP3K6,CBR2,RHBDF2,RSAD2,PRODH,LAPTM5,VWF,PLAU,TRIM21,IL6RA,FAM111A,PIK3R6,CCR5,LPXN,LCK,BTK,IL4RA,LIBA7,CEBPA,NFAM1,APOC1,IRF9,SP140,ECM1,TMEM173,SP100,CD53,RASD1,MT2,PSTPIP1,SH3BP2,NFKBIE,ITIH3,CYTH4,CCDC3,LY6E,COL1A1,NPAS4,APLN,UGT8A,FOS,STOML3,BCD493S2,CYP2E1,FCRLS,CFB,CST7,LY6C2,HP,PHF11D,GPR84,FBLIM1,TMEM52,IFI203,CCL9,PRR5L,CLEC4A3,SLC22A18,LTBP2,JB30077J02RIK,TNFAIP3,LIPH