

Table 1S – Transcription factors shared by gene clusters

Cluster Nr	HUGO Name	Ensembl-ID	Strand	TSS Distance	Transcription Factor
1		ENSG00000127481	-		CDPCR3HD,TBP
1		ENSG00000127463	-	41304	AHRARNT, AML1, AP1, ARNT, COREBF, COUP, CP2, E12, ELF1, ETF, FOXO3, GKL, LFA1, MYB, MYOD, RORA1, SMAD4, SRY, STAT5A, STAT5B, STAT6, TEF1
2	C1orf33	ENSG00000127463 ENSG00000053372	-	253	AHRARNT, AML1, AP1, ARNT, COREBF, COUP, CP2, E12, ELF1, ETF, FOXO3, GKL, LFA1, MYB, MYOD, RORA1, SMAD4, SRY, STAT5A, STAT5B, STAT6, TEF1, HLF, USF
3		ENSG00000142687	-		MZF1, YY1, AP1, AP2ALPHA, AREB6, CEBP, CP2, EN1, FOXO4, GATA3, HAND1E47, LYF1, MEIS1, MSX1, NKX25, OCT1, PAX4, RREB1, SF1, TCF4, TGIF, TST1, VDR
4	EIF2C4	ENSG00000020129 ENSG00000134698	+	416	MZF1, YY1, AP2, AP2GAMMA, AP2REP, ATF, CACBP, GATA1, NFY, OSF2, PU1, SRY, STAT3 AP2ALPHA, FREAC2, LFA1, PAX4, PITX2, STAT3 AML1, AREB6, CREB1, ELF1, ETF, EVI1, FOXD3, FOXM1, FOXO1, HFB3, LEF1, LMO2COM, MYOGENIN, NFKAPPAB, NKX25, P53, PAX2, PEAS3, PU1, SRY, STAT5A, STAT5B
4	EIF2C1	ENSG00000092847	+	61586	T5B, STAT6 AREB6, ETF, PU1, AML1, CREB1, ELF1, EVI1, FOXD3, FOXM1, FOXO1, HFB3, LEF1, LMO2COM, MYOGENIN, NFKAPPAB, NKX25, P53, PAX2, PEAS3, PU1, SRY, STAT5A, STAT5B
5	EIF2C1	ENSG00000092847	+		
5	EIF2C3	ENSG00000126070	+	60910	AREB6, ETF, PU1, CETS1P54 AP2, AP2GAMMA, AP4, AR, ATF1, BACH1, CDP, CDX2, CRX, E47, FOXM1, GATA4, HAND1E47, HEB, HNF6, HSF1, HSF2, IK3, ISRE, MAX, MEIS1, MMEF2, MYC, MYC, NFE2, NFKAPPAB, SOX5, NFKX62, NMYC, OCT1, OSF2, P300, PEAS3, PITX2, PU1, RREB1, SMAD4, SOX5, SP1, SRY, STAT4, TCF11, TGIF, USF2, YY1
6	THRAP3	ENSG00000116871 ENSG00000054118	+	68476	AREB6, P53, STAT1 AML1, AP2GAMMA, AP2REP, ATF4, CACBP, HLF, IK1, LBP1, LMO2COM, NFKAPPAB65, NFY, SP1, TCF11, TCF1P, TFIIB, ZIC2, ZIC3
7		ENSG00000089598	-		
7		ENSG000001171357	+	16971	AP2ALPHA, CEBP, FOXD3, GATA1, LYF1, STAT4 AP2REP, AP3, AR, CEBP, FOXJ2, LBP1, PAX4, POU1F1, SF1, STAT5B, TEF1, ZIC2
8		ENSG00000134748	-		
8		ENSG00000134744	-	148536	DBP, HMGYI, MEIS1, NFAT, NKX62, SRY CEBPDDELTA, IRF1, STAT5A, STAT6, TCF11, TCF4, AML1, AP1, AP2ALPHA, AREB6, CDC5, CEBP, CEBP, CETS1P54, HNF4ALPHA, HNF6, LBP1, PAX4, S8, SMAD3, VDR, YY1
9		ENSG00000158966	+		
9		ENSG00000162437	+	162936	CEBPDDELTA, IRF1, STAT5A, STAT6, TCF11, TCF4, AP4, CACBP, CEBPGAMMA, FOXJ2, FOXM1, FREAC3, HFB3, HNF3ALPHA, HSF2, LHX3, MAZ, MZF1, NKX3A, NKX61, OCT1, P53, PAX2, PBX1, RREB1, SF1, SRY, TATA, TEF, TEF1
10	BCL10	ENSG00000142867	-		AP2REP, FOXM1, GATA1, HOXA4, OCT1, PAX4, SOX5, STAT6, AP4, FOXD3, GATA4, IRF1, LFA1, MEIS1, NFY, PEAS3, HMGYI, USF2, TCF1P, TCF1P
10	DDAH1	ENSG00000153904	-	187145	AP2REP, FOXM1, GATA1, HOXA4, OCT1, PAX4, SOX5, STAT6, AREB6, CDX2, CETS1P54, E12, E2F1, FOXO4, HFB3, HMGYI, MAZ, MYOD, NKX25, PAX8, PBX1, POU1F1, POU3F2, RPS8, S8, STAT1, STAT4, TITF1, USF2, ZIC2
11		ENSG00000162641	+		AP2REP, CEBP, CDC5, P53, PITX2, PU1
11	GPSM1	ENSG00000121957	+		AP2REP, CEBP, AP3, ARP1, CEBPGAMMA, FAC1, HLF, HMGYI, LYF1, SMAD3, STAT5A
12		ENSG00000023902	+		CREL, CRX, DBP, HFB3, HOXA3, LFA1, MYB
12	ANP32E	ENSG00000143401	-	86336	AP2ALPHA, ATF1, BRN2, CEBPDDELTA, ERR1, GKL, HSF2, IPF1, MZF1, NFAT, NFE2, NFY, PAX2, SOX5, TEF1
13	BNIP1	ENSG00000163141	+		AP4, DBP, HAND1E47, LYF1, MAZ, RPS8, SRY, TCF1P, YY1
13		ENSG00000175498	unknown		AP1, CEBP, HEB
14		ENSG00000175498	unknown		AP1, CEBP, HEB
14		ENSG00000143415	+		AP2REP, AP4, GKL, MAZ, NKX25, PAX4, PU1, SRY, STAT3, TEF, TFIIB
15	TUFT1	ENSG00000143367	+	107458	HNF4ALPHA, TATA, CACCCBF, ETF, MYOGENIN, OSF2, SF1 HNF4ALPHA, TATA, COUP, DBP, FOXM1, IK2, LYF1, OCT1, STAT6, TBP
15	SNX27	ENSG00000143376	+	57112	AML1, AP1, CDPCR3HD, CEBP, CRX, EVI1, HOXA4, P53, RORA2, TCF1P, TST1, USF2, ZIC3, AP2ALPHA, AREB6, BACH1, BACH2, CDC5, COREBF, E2F1, GATA1, GKL, F, HNF4ALPHA, HSF1, IK2, MYOD, NCX, OCT1, PAX4, PU1, SOX5, STAT, TFIIB
16	PEA15	ENSG00000162734	+	107458	AML1, AP1, CDPCR3HD, CEBP, CRX, EVI1, HOXA4, P53, RORA2, TCF1P, TST1, USF2, ZIC3, CEBP, GATA3, GATA6, HLF, HMEF2, LFA1, NFAT, NFY, NKX25, NKX62, PBX1, STAT1, STAT5A, TBP, TEF
16	WDR42A	ENSG00000132716	-		AML1, AP1, CDPCR3HD, CEBP, CRX, EVI1, GATA3, GATA6, HLF, HMEF2, HOXA4, LFA1, NFAT, NFY, NKX25, NKX62, P53, PBX1, RORA2, STAT1, STAT5A, TBP, TEF, TCF1P, TST1, USF2, ZIC3
17	WDR42A	ENSG00000132716	-		
17	PEX19	ENSG00000162735	-	22686	SRY
18		ENSG00000117477	-		
18	SLC19A2	ENSG00000117479	-	58529	PEA3, SRY, TAL1ALPHA47, TCF4 PEA3, AML1, AP1, AP4, CETS1P54, COREBF, CREB1, CREL, DBP, ETF, FOXO4, GATA1, GATA3, GATA4, MMEF2, MSX1, MYB, MYOD, NKX22, P53, PITX2, RORA1, SMA D3, SP1, STAT5A, STAT5B, TBP, TFIIB
19		ENSG00000135835	+		AP2REP, TEF1, AP3, CACBP, HMGYI, HNF1, ICSP, NFAT, PU1, STAT6, ZF5
19	STX6	ENSG00000135823	+	92273	AP2REP, TEF1, AREB6, BACH2, CACCCBF, CDX2, CEBP, EN1, HNF3ALPHA, LEF1, MMEF2, MYOD, NKX25, TFIIB, YY1
20		ENSG00000120334	-		DBP, PBX1, TCF4
20		ENSG00000117593	+	150	CEBPD, E2F1, E2F1DP1, ETF, GATA1, HEB, IRF1, LYF1, NFAT, NKX22, PU1, YY1, ZF5
21	PROX1	ENSG00000117707	+		E2F1DP1, HLF, NKX25, OCT1, PEA3, SRY, TBP, USF
21	SMYD2	ENSG00000143499	+	284696	AP3, AREB6, CEBPGAMMA, EN1, ERR1, FOXM1, MYOGENIN, PAX2, PU1, SOX5, STAT1, STAT4, STAT5A, YY1
22	ACTN3	ENSG00000077522	+		AP4, LYF1, AML1, AREB6, CDP, CEBP, CEBPGAMMA, CREB1CIUM, ELF1, FAC1, FOXD3, FOXJ2, IK3, MYB, NKX25, NKX61, OCT1, POU1F1, SMAD3, STAT5B, TBP, TEF, ZIC3
22	MTR	ENSG00000116984	+	108919	AP4, LYF1, E2F1, LBP1, MEIS1, ZF5
23	HNRPJ	ENSG00000153187	+		LYF1, MAZ, STAT5A, STAT5B, AHRARNT, AP2GAMMA, E2F1DP1R8, FOXD3, HNF3ALPHA, NFE2, NKX3A, P53, PAX4, TCF1P
23		ENSG00000153188	+	105460	LYF1, MAZ, STAT5A, STAT5B, AML1, AP1, AP2ALPHA, AP4, AREB6, ARP1, BRN2, CACBP, CEBPDDELTA, CREB1CIUM, ELF1, ETF, EVI1, FOXO4, GATA4, GCM, HMGYI, HNF6, IRF1, LHX3, MEIS1, MRF2, MSX1, MYB, NFAT, NKX62, OCT1, PBX1, POU1F1, RPS8, STAT1, TEF, TEF1, TFIIB, USF, ZID
24	HADHA	ENSG00000084754	+		PITX2, TCF4, AP1, HOXA4, MYOGENIN, SOX5
24	HADHB	ENSG00000138029	+	295	PITX2, TCF4, CEBPDDELTA, FREAC4, IRF1, MZF1, SRY, STAT5A, STAT6, TITF1
25	SPG4	ENSG00000021574	+		SRY, FOXD3, FOXM1, OCT1, OSF2, PAX2, RORA1, TCF1P, USF2, ZF5, ZIC3
25	SLC30A6	ENSG00000152683	+	102247	SRY, AP2REP, DBP, HMGYI, HOXA3, NKX3A, POU6F1
26	XPO1	ENSG00000082898	-		LYF1, AR, CDP, CEBP, E12, FAC1, HOXA4, HSF2, IRF1, MYB, MYOD, PAX8, PITX2, SMAD3, SRY, TITF1
26		ENSG00000110264	-	315848	LYF1, AML1, AP1, AP2ALPHA, AP2REP, HLF, MAZ, NKX25, NKX61, PAX2, RORA1, RORA2, STAT5B, TATA, TEF, TFIIB
27	UGP2	ENSG00000169764	+		
27	VPS54	ENSG00000143952	+	142935	AP1F3, AP2GAMMA, AP2REP, AP4, AREB6, CACBP, CEBPA, DBP, E2F, FOXD3, GATA3, IK2, LBP1, LYF1, MMEF2, MYB, MYC, MZF1, NFAT, NFY, S8, STAT, TEF1
28	MAD	ENSG00000059728	+		HMGYI, HOXA4, NKX25, TCF4, YY1
28		ENSG00000179818	-	47080	GKL, P53, PU1, TBP, AP2ALPHA, ATF3, HOXA4, LFA1, MZF1, NFY, PAX2, PEAS3, TCF11
29		ENSG00000135956	-		GKL, P53, PU1, TBP, AML1, AP1, P57, ATF4, CETS1P54, DBP, ELF1, EN1, ETF, FOXO4, HFB3, HMGYI, HNF1, LEF1, OCT1, OSF2, RREB1, SF1, SP1, SRY, STAT5A, STAT5B, TCF4, VDR
29		ENSG00000144021	+	197	AP2REP, ATF4, DBP, ELK1, GATA3, HEB, IK3, TCF1P, CEBPA, CREL, E2F, ERR1, MYOGENIN, P300, STAT6, ZIC3
30		ENSG00000144021	+		AP2REP, ATF4, DBP, ELK1, GATA3, HEB, IK3, TCF1P, CEBPA, CREL, E2F, ERR1, MYOGENIN, P300, STAT6, ZIC3
30		ENSG00000144028	+	39355	AP2REP, AREB6, SRY, EVI1, MSX1, PU1, ZF5
31	PTPN4	ENSG00000088179	+		AP1, AP3, CEBP, DBP, EVI1, IRF1, NKX22, NKX25, STAT6, TEF1
31	EPB41L5	ENSG00000115109	+	253446	AP2REP, ATF4, DBP, ELK1, GATA3, HEB, IK3, TCF1P, AP2ALPHA, AP4, AREB6, CEBP, COUP, EN1, GATA4, LFA1, MAZ, MZF1, PAX4, PEAS3, SP21, SRY, STAT5A, STAT5B, TAXACREB, TCF4, TITF1, USF2, ZIC1
32	EPB41L5	ENSG00000115109	+		CACBP, LMO2COM, TCF4, CDX2, E47, LYF1, MZF1
32	FAM11B	ENSG00000179724	+	210331	CACBP, LMO2COM, TCF4, AP1F3, CEBPGAMMA, DBP, IK2, LFA1, MYOD, NFE2, OSF2, PAX4, PEAS3, PU1, SRY, STAT6, TFIIB, TITF1, USF
33	FAM11B	ENSG00000179724	+		AP1F3, STAT6, CACBP, CEBPGAMMA, DBP, IK2, LFA1, LMO2COM, MYOD, NFE2, OSF2, PAX4, PEAS3, PU1, SRY, TCF4, TFIIB, TITF1, USF
33	RALB	ENSG00000144118	+	29445	AP1F3, STAT6, AP4, CETS1P54, EVI1, GATA1, HMGYI, MZF1, NFAT, P300, STAT5A, TBP, USF2, ZIC2
34	PREI3	ENSG00000115540	+		STAT5A, GATA3, PITX2, PU1, STAT1, STAT3, TFIIB
34	C2orf11	ENSG00000162944	-	159817	STAT5A, ATF6, ERR1, GATA1, LBP1, NCX, NKX25, OCT1, SMAD4 AP3, EVI1, FOXM1, MSX1, TBP, TCF1P, AP1, AR, DBP, ERR1, FOXD3, HAND1E47, HSF1, IRF1, MMEF2, MYOD, NKX3A, NKX62, PITX2, POU3F2, PU1, SRY, STAT4, STAT5B, TCF4, ZIC2
35	RAPH1	ENSG00000173166	-		AP3, EVI1, FOXM1, MSX1, TBP, TCF1P, AML1, AP2GAMMA, GATA1, GATA4, GKL, HLF, LFA1, MEIS1, NFY, OCT1, PAX2, POU6F1, SMAD3, SREBP1, STAT6, TATA, TFIIB
35	CD28	ENSG00000178562	-	171150	A, ZID AP3, EVI1, GATA1, LFA1, MEIS1, OCT1, STAT6, TFIIB, AML1, AP2GAMMA, FOXM1, GATA4, GKL, HLF, MSX1, NFY, PAX2, POU6F1, SMAD3, SREBP1, TATA, TBP, TCF1P, ZID
36	CD28	ENSG00000178562	+		
36	CTL4	ENSG00000163599	+	161286	AP3, EVI1, GATA1, LFA1, MEIS1, OCT1, STAT6, TFIIB, AP1, AP2ALPHA, AP4, CEBP, COREBF, CRX, E2F1, ELF1, ERR1, FAC1, HNF3ALPHA, HOXA4, HSF2, IPF1, LEF1, LMO2COM, MEIS1, BHOXA9, MMEF2, MYOGENIN, MZF1, NKX25, NKX61, P53, PBX1, PEA3, RORA2, SMAD4, SP1, SRY, STAT5A, TEF1, TGIF, USF
37	CREB1	ENSG00000118260	+	95369	AREB6, ATF1, CEBPGAMMA, CREL, FOXM1, GATA4, HNF4ALPHA, HNF6, IRF1, LBP1, MEIS1, POU1F1, RREB1, STAT, TBP, TEF1, TST1, ZIC2
37		ENSG00000144401	+		AP2REP, CRX
38	FBLN2	ENSG00000163520	+		AP2REP, AP4, ETF, GATA1, IK2, MYC, MZF1, NFAT, OSF2, POU1F1, PU1, SF1, STAT3, STAT4, TCF4, ZIC2
38	WN7A	ENSG00000154764	+	309809	AP2REP, CREB, LMO2COM, MAZ, NKX25, OCT1, TCF11, ZF5 EN1, MZF1, CACBP, CEBP, CETS1P54, COREBF, CREB, CRX, GATA2, HEB, HMGYI, LBP1, MEIS1, MYOGENIN, NFE2, NFKB, SMAD4, SOX5, TAL1BETA47, TBP, TITF1, ZIC3
39	GALNTL2	ENSG00000131386	+		EN1, MZF1, AP2ALPHA, AP2REP, ERR1, FAC1, GATA4, STAT5A, TCF4
39	ZCSL2	ENSG00000154813	+	90293	STAT5A, SRY, TEF1
40	TGM4	ENSG00000163810	+		STAT5A, AML1, AP2REP, AREB6, CETS1P54, CHOP, DBP, E2F1, FOXO1, FOXO4, GATA1, GATA4, HFB4, HMGYI, HOXA3, HOXA4, IK2, IRF1, LFA1, LHX3, NKX25, PAX4, PAX8, POU1F1, SMAD3, SMAD4, STAT3, STAT6, TST1, USF, USF2
40	ZDHHC3	ENSG00000163812	-	101511	AP1, CREB, ELF1, ETF, GATA3, GCM, HMGYI, LBP1, LFA1, LYF1, NFKB, PU1, TFIIB
41	KIF9	ENSG00000088727	+		STAT5A
41	KLHL18	ENSG00000114648	+	273	IPF1, FOXO4, LBP1, LFA1, MEIS1
42	SEMA3B	ENSG000000012171	+		IPF1, AML1, AP1, AP2GAMMA, AREB6, CDC5, CDP, CEBP, CEBPA, CHOP, COREBF, COUP, CRX, DBP, EFC, ELF1, ERR1, EVI1, HSF1, LHX3, LMO2COM, PITX2, SMAD3, SMAD4, STAT, STAT5A, TCF1P, ZIC3
42	GNAI2	ENSG00000114353	+	18191	HMGYI, AP2GAMMA, AP3, COREBF, DBP, EN1, FAC1, GATA1, HOXA3, ICSP, LEF1, MAZ, MYC, NFY, NKX3A, OCT1, PEA3, STAT6, TCF4, TGIF, TST1, USF2
43	PXK	ENSG00000168297	+		HMGYI, AREB6, CACBP, MYB, SRY
43	PDHB	ENSG00000168291	+	100937	CEBP, E2F1, LBP1, MZF1, AP2REP, ETF, HOXA4, LMO2COM, MAZ, NFAT, PU1, SP1, STAT5A
44	PVL3	ENSG00000177707	+		CEBP, E2F1, LBP1, MZF1, AP1, AREB6, ATF, CDX2, CEBPGAMMA, CREL, E12, EN1, GATA2, HFB3, LHX3, LYF1, MYB, OCT1, PAX2, POU1F1, TBP, TCF1P, TCF4, TEF1, TFIIB, USF2, VDR
44	CD96	ENSG00000153283	+	470448	AP2GAMMA, AP3, AP4, AREB6, CDP, CEBP, CEBP, CEBPGAMMA, CREB1, DBP, E12, FOXM1, GATA1, GATA6, HNF1, ICSP, IK2, LEF1, LYF1, MAZ, MEIS1, MYC, MYC, MYOD, MYOGENIN, NFAT, OCT1, PAX2, PAX4, PEAS3, SP3, SRY, STAT, STAT6, TBP, TEF1, TGIF, USF2, YY1
45	PHLDB2	ENSG00000144824	+		AP2REP, GATA4, HSF2, NFKAPPAB, SF1, STAT4
45		ENSG00000144827	-	119277	DBP, STAT4, STAT6, AP2REP, ELF1, EN1, LFA1, LYF1, NFAT, STAT5A
46		ENSG00000138496	-		DBP, STAT4, STAT6, AP2ALPHA, CRX, GATA3, HMGYI, IRF1, PEAS3, SRY, STAT5B, TCF4
46		ENSG00000163840	+	171	AP1, AP2ALPHA, AREB6, ETF, FOXJ2, GATA1, GATA3, HEB, HMGYI, HOXA4, LHX3, MEF2, MEIS1, MYOD, NFY, OSF2, PAX4, PEAS3, POU6F1, SRF, STAT5A, TEF1, TITF1, USF2, ZID
47	PARP14	ENSG00000173193	+		CACBP, E2F1, HSF2, SREBP1, SRY
47	HSPBP1	ENSG00000169087	+	94227	
48	PPP2R3A	ENSG00000073711	+		SF1, SRY, AP4, AREB6, CACBP, CDPCR3HD, CEBPGAMMA, FOXM1, GATA1, HMGYI, IRF1, LFA1, MEIS1, MSX1, MYC, NFE2, SP21, STAT, STAT6, TITF1, SF1, SRY, AP1, AP2ALPHA, AR, CDX2, CEBP, E2F, E2F1, FAC1, FOXO4, HFB3, HFB4, HOXA3, IK2, LBP1, NKX22, NKX3A, P53, PAX8, PEAS3, POU1F1, STAT5A, STAT5B, TCF4, ZIC1, ZID
48		ENSG00000174579	-	230142	HOXA4, NFAT, NKX25, NKX61, CEBPGAMMA, EN1, GKL, HFB3, HNF1, IK2, MMEF2, MRF2, PAX2, PAX4, POU1F1, STAT1, STAT5A, ZIC1
49	DBR1	ENSG00000138231	-		

49	ENSG00000114908	+	12644	HOX4, NFAT, NKX25, NKX61, AREB6, CACBP, DBP, EV11, FOXO4, GATA3, GATA6, HFH4, HLF, HOXA3, LFA1, LYF1, MYOGENIN, OCT1, OSF2, P53, PEAK3, PITX2, STA
50	ARMC8	-		STAT5A, AP1, AP2REP, AP3, AR, AREB6, ATF3, CEBPDDELTA, FOXD3, GATA4, HFH3, HLF, HSF1, MMEF2, MYB, OCT1, PAX4, SP1, STAT6, TCF4, ZIC3
50	DHX36	-	203081	STAT5A, AP1, AP2REP, AP3, AR, AREB6, ATF3, CEBPDDELTA, FOXD3, GATA4, HFH3, HLF, HSF1, MMEF2, MYB, OCT1, PAX4, SP1, STAT6, TCF4, ZIC3
51	SMC4L1	+	441	MYB
52	DVL3	+		CETS1P54, AP3, CP2, MZF1, STAT3
52	AP2M1	+	19467	CETS1P54, AP2REP, AREB6, ATF1, ATF4, FOXM1, FOXO1, HNF4ALPHA, LFA1, LYF1, MAZ, MYOGENIN, NKX62, P53, RORA2, SMAD3, TFIIA, ZIC2
53	C4orf9	+		AR, HEB, RSRFC4
53	GRK4	+	246	E2F1, FOXO1, NFAT, STAT5B, ZF5
54	GRK4	+		E2F1, FOXO1, NFAT, STAT5B, ZF5
54	HD	+	110888	SF1, STAT6
55	ZCHC4	+		E2F1, HOXA4, IRF1, TCF4, USF
55	ANAPC4	+	64632	AP1, CEBPGAMMA, CREBP1CIUN, DBP, FOXM1, HNF3ALPHA, HNF6, IPF1, MYOD, NKX25, OCT1, PU1, SF1, SRY, STAT5A, STAT6, TEF1, USF2
56	EPH45	unknown		CACBP, CDX2, GATA3
56	EPH45	-		CACBP, AP1, AP2, AP2GAMMA, AP3, AP4, AREB6, BACH2, CDPCR3HD, CEBPA, CEBPDDELTA, CHX10, DBP, E2F1, ERR1, FOXD3, FOXM1, FOXO4, FREAL3, GATA6, GK
57	PRKAA1	-		LF, HAND1E47, HEB, HMGY1, HNF1, IRF1, LFA1, MAZ, MYB, MZF1, NKX62, OCT1, PAX8, RP58, SF1, SP1, SP3, TST1, USF, USF2
57	RPL37	-	37028	AP2GAMMA, ELF1, IRF1, MAZ, PAX2, SF1, SP1, SRY, STAT6, TITF1
58	RPL37	-		CEBPGAMMA, MYOD, STAT5B
58	CARD6	+	5976	LFA1, P53, USF2
59	CARD6	+		LFA1, P53, USF2
59	C7	+	68227	CEBP, DBP, GATA6, GKL, HEB, LYF1, MYOD, NFAT, SF1, SP1, TEF1
60	MSH3	+		SF1, STAT6, AML1, AP3, TEF1, TITF1
60	RASGRF2	+	305768	SF1, STAT6, AP2GAMMA, AP4, AREB6, CDC5, CHOP, ELF1, EN1, HMGY1, IRF1, LYF1, MAZ, MYOGENIN, NFAT, NKX25, NKX3A, NMYC, OCT1, PAX2, PEAK3, STAT, TATA
61	RASGRF2	+		TBP, TCF1P, TGIF, USF
61	RASGRF2	+		AREB6, EN1, PAX2, PEAK3, AP2GAMMA, AP4, CDC5, CHOP, ELF1, HMGY1, IRF1, LYF1, MAZ, MYOGENIN, NFAT, NKX25, NKX3A, NMYC, OCT1, SF1, STAT, STAT6, TATA
61	CKMT2	+	272632	TBP, TCF1P, TGIF, USF
62	CAST	+		AREB6, EN1, PAX2, PEAK3, CDPCR1, CDPCR3, FOXJ2, FOXO1, HNF3ALPHA, MTF1, P53, PAX4, PAX1, STAT4, STAT5A, TCF11
62	CAST	+	132401	HMGY1, LYF1, AREB6, HNF4ALPHA, HOXA4, ICSBP, LFA1, OSF2, P53, PU1, STAT6, TCF1P, TEL2, ZIC2
63	ENSG00000164403	-		SMAD4, AP1, AP2REP, AP4, CACBP, CDPCR1, CP2, E2F, FAC1, HEB, HOXA3, ICSBP, LFA1, NKX25, SOX5, SRY, STAT1, TFII1, ZIC1, ZIC3
63	GDF9	-	33636	SMAD4, AP1, GATA2, IRF1, LYF1, MYOGENIN, SF1, STAT4, ZIC2
64	GDF9	-		IRF1, AP1, GATA2, LYF1, MYOGENIN, SF1, SMAD4, STAT4, ZIC2
64	GDF9	+	2136	IRF1, AP2ALPHA, GATA4, HFH4, LEF1, OSF2, TCF1P
65	SARA2	-		AREB6, DBP, GKL, SF1, SRY, TBP, AP1, AP3, CACBP, CEBPA, COUP, CREB, FOXD3, FOXM1, HLF, HMGY1, HOXA4, LFA1, LMO2COM, SP3, TEF1, USF2
65	SEC24A	+	15983	AREB6, DBP, GKL, SF1, SRY, TBP, AP2GAMMA, ARNT, ATF6, CEBPB, CP2, E2F, GATA6, MYOD, NCX, NFKAPPAB65, PAX4, PAX1, RORA1, SF1, SMAD3, SOX5, TGIF, TITF1, USF, ZID
66	SEC24A	+		USF, ZID
66	CAMLG	+	89694	AP2GAMMA, AREB6, ARNT, ATF6, CEBPB, CP2, DBP, E2F, GATA6, GKL, MYOD, NCX, NFKAPPAB65, PAX4, PAX1, RORA1, SF1, SMAD3, SOX5, SRY, TBP, TGIF, TITF1, USF, ZID
67	NDUFA2	-		AP3, LBP1
67	IK	-	140	AML1, AP2REP, ZIC1, AP1, AP2GAMMA, AP3, CEBPB, E2F1, E47, E4F1, ERR1, FOXM1, GATA2, LMO2COM, MYOGENIN, NFY, OCT1, POU6F1, SMAD3, SRY, TBP, TFII1
68	IK	+		AML1, AP2REP, ZIC1, E2F, MZF1, SPZ1, STAT5B, ZIC1
68	ENSG00000120314	+	17054	AP1F3, AREB6, LBP1, PITX2, POU1F1, TCF4, TFII1
69	DIAPH1	-		AP2REP, LYF1, PAX2, TEF1
69	HDAC3	-	17931	AML1, AP1, AP2, AP4, AREB6, ATF, ATF3, CP2, E47, GATA1, HSF2, MYCAX, NFMUE1, PAX4, SP1, SREBP1, STAT3, STAT5A, STAT5B, TAL1ALPHA4E7, TCF11, TCF4, T
69	SYNPO	+		AMP1, AP2, AP4, AREB6, ATF, ATF3, CP2, E47, GATA1, HSF2, MYCAX, NFMUE1, PAX4, SP1, SREBP1, STAT3, STAT5A, STAT5B, TAL1ALPHA4E7, TCF11, TCF4, T
70	MYOZ3	+	60257	ITF1, USF, VDR, ZIC1, ZIC3
71	HMMR	+		AML1, FOXO4, GATA3, SP1, AP2ALPHA, AP4, ATF3, E2F, GCM, HMGY1, MAZ, MYB, MYOD, MZF1, PAX2, SB, SF1, SMAD3, SMAD4, SPZ1, TATA, TST1
71	MAT2B	+	42602	AML1, FOXO4, GATA3, SP1, BACH2, CETS1P54, E12, E2F, FREAL2, HEB, LYF1, NMYC, PAX4, PAX8, PITX2, SRF, STAT5B, ZID
72	EEF1E1	unknown		TCF4, AML1, AP1, AR, AREB6, BNR2, CEBP, CETS1P54, EN1, FAC1, FOXD3, FXR, MYOD, NFY, OCT1, PITX2, POU1F1, STAT6, TBP, TFIIA, ZIC1
73	EEF1E1	-		TCF4, AP2REP, MRF2, MSX1, NKX25, PAX2, PAX8, SMAD3, SRY
73	SLC35B3	-	332844	DBP, GATA6, TBP, AREB6, CACBP, CEBPGAMMA, CHX10, EN1, FAC1, FOXD3, GKL, MRF2, MZF1, NKX25, NKX61, SMAD3, SRY, STAT4, GATA5, TCF4
74	KIF13A	-		DBP, GATA6, TBP, APF1, E12, FREAL2, GATA4, MSX1, NKX62, P53, PEAK3, SP1
74	TPMT	-	167592	TBP, AP1, DBP, E12, FREAL2, GATA4, GATA6, MSX1, NKX62, P53, PEAK3, SP1
75	KIAA1117	+		TBP, EN1, HAND1E47, IK1, MYB, MZF1, NFE2, OCT1, POU6F1, STAT5B, TCF4, TEF1, YY1
75	PGM3	+	70388	STAT6, AP2REP, AP4, CEBPGAMMA, CETS1P54, E2F, FOXM1, GATA6, IRF1, OCT1, SF1, TITF1, VDR, YY1, ZIC2
76	UBE2J1	-		STAT6, DBP, POU1F1
76	RRAGD	-	59211	AML1, LEF1, AP1, AP3, BACH2, CREBP1, ERR1, EV11, FOXD3, FOXJ2, FOXO1, GATA3, GATA4, GCM, HAND1E47, HMGY1, LMO2COM, MRF2, MYOD, NFAT, NKX3A, OC
77	RRAGD	-	154762	T1, P300, P53, POU1F1, PU1, RP58, SF1, SPZ1, STAT, STAT5A, STAT5B, STAT6, TBP, TCF11, TEF1, ZIC1
77	ANKRD6	-		AML1, LEF1, EN1, E2F
78	RTN4IP1	-		ATF6, E2F, HFH3, NFY, NKX25, SP1, TCF4
78	QRSL1	+	285	COREBF, DBP, ELF1, IRF1, PITX2, SRY, STAT5B, TFII1
79	PLN	+	267364	SRY, E12, LFA1, NKX25, TITF1
79	C6orf61	-		HNF6, HOXA4, LYF1, OCT1, SOX5, SRY, STAT5B, TEF1, AREB6, FOXM1, GATA4, HLF, MEIS1, PEAK3, SF1, STAT3, USF
80	SYNJ2	+		HNF6, HOXA4, LYF1, OCT1, SOX5, SRY, STAT5B, TEF1, CRX, E2F, HMGY1, PAX1, STAT4, TBP
80	SERAC1	+	186387	AP3, NFAT, STAT5A, AP4, EV11, MZF1, NKX3A, PEAK3, SRY, TBP, TCF4, TEF, TEF1, TGIF
81	OGDH	+	149597	AP3, NFAT, STAT5A, AP2REP, CEBPB, CEBPGAMMA, E2F1, FOXJ2, FOXM1, FOXO4, HOXA4, IRF1, LFA1, MYOD, MYOGENIN, NFE2, NKX25, NRF1, P53, STAT1, TITF1, USF2
82	FKBP6	+	194252	USF2
83	BAZ1B	+	201243	FOXO1
84	PEX1	-		AP2GAMMA, AP3, HSF1, IPF1, MYB, TBP
84	BET1	+	306	DBP, LFA1, MAZ, SRY, TEF1, AML1, AR, CEBP, CEBPGAMMA, CRX, FOXM1, HFH3, MSX1, PITX2, SMAD3, STAT5A, TATA, TEF, TITF1
85	COL1A2	+	390671	DBP, LFA1, MAZ, SRY, TEF1, CP2, CREB, CREL, E2F1, ELF1, GATA1, GATA2, HIF1, LBP1, LEF1, MYCAX, PAX4, PAX8, SF1, SP1, SPZ1, USF, ZID
86	ARHGFE10	unknown		E4BP4, TFIIA, CP2, LEF1, SF1
87	LYSAL1	+		E4BP4, TFIIA, DBP, E12, HOXA4, LFA1, MYB, NCX, NFKB, NFY, PAX4, SP1, TCF4
87	LYSAL1	+	71304	DBP, PU1, TBP, TEF1, AML1, AP2REP, CEBPB, FOXO1, GATA3, GATA4, HNF6, IRF1, LYF1, MYOGENIN, NFAT, NKX25, P300, STAT4, ZF5
88	SGKL	+	37590	DBP, PU1, TBP, TEF1, CEBPDDELTA, FOXO4, HFH3, HIF1, NKX3A, OCT1, TCF1P, USF2
89	SGKL	+	83668	EV11, AML1, AP2REP, AREB6, CEBP, CEBPB, EN1, FOXO3, IPF1, MMEF2, NKX22, P300, PU1, SRY, TEF1, TST1
90	RPL7	-	169907	EV11, AP4, ATF3, BACH2, COREBF, GATA2, HEB, HFH3, HLF, HNF3ALPHA, HOXA3, IK1, LBP1, LMO2COM, LYF1, NKX25, OCT1, P53, PAX4, TATA, TBP, TCF11, TCF1P, TEF
91	IMPA1	-		FOXO1, HMGY1, OCT1, PITX2, CDC5, MEIS1, NKX3A, P300, TST1
91	IMPA1	-	34967	FOXO1, HMGY1, OCT1, PITX2, AML1, AP1, AP2GAMMA, AREB6, DBP, FREAL2, GATA1, HNF3ALPHA, HOXA4, MAZ, MRF2, NCX, NKX25, NKX61, POU6F1, PU1, S8, SF
92	ENSG00000104231	-		1, SPZ1, STAT3, TCF1P, TEF, TEF1
92	ENSG00000104231	-		AP2ALPHA, AP2REP, HLF, IRF1, LFA1, MEIS1, PAX2, PU1, SP1, SRY, STAT3
93	EIF3S3	+	11154	DBP, EN1, GCM, RREB1, STAT5A
93	EIF3S3	+		LFA1, AP1, AREB6, BACH2, CEBPDDELTA, EN1, FOXD3, FOXM1, GATA3, HOXA3, HSF2, PAX2, PEAK3, PITX2, POU1F1, TCF4, VDR, ZF5, ZIC3
94	ENSG00000147679	+	10701	LFA1, AP1, AP4, EV11, MYB, MYOD, OCT1, PU1, SOX5, STAT5B, YY1
94	ENSG00000147679	+		CDPCR3HD, DBP, LFA1, OCT1, YY1, AP2GAMMA, CETS1P54, CREL, CRX, HLF, MSX1, MZF1, NFY, OSF2, POU6F1, TCF11, TEF1
95	RAD21	-	108249	AREB6, DBP, FOXO1, HOXA3, NFAT, SOX5, SRY, STAT, STAT1, TFII1, TITF1
95	KIAA0020	-		APF1, CDPCR3HD, COREBF, E2F, GATA2, GATA3, HMEF2, IK1, MEIS1, NKX62, SF1, STAT6, TBP, TCF4, ZIC2
96	RFK3	-	681888	MAZ, ZF5, AML1, AP1, CDX2, CP2, CRX, EN1, FOXD3, FOXO1, GATA3, HSF1, MRF2, OCT1, PAX4, PEAK3, RORA1, SF1, STAT5A, STAT6, TCF4, TEF1, TITF1
96	SPTAN1	+		MAZ, ZF5, AP2ALPHA, ATF1, CEBPB, FOXM1, GCM, MZF1, SMAD3, SMAD4, TGIF, ZIC3
97	WDR34	-	104184	AP2REP, STAT5A, AP3, NFY
97	SVIL	-	473536	AP2REP, STAT5A, AP3, NFY
98	H2AFY2	+		AP2REP, STAT5A, AP3, NFY
98	AMID	-	80089	AP2REP, STAT5A, AP3, NFY
99	SARA1	-	62921	AP2REP, STAT5A, AP3, NFY
99	SARA1	-		AP2REP, STAT5A, AP3, NFY
100	PSAP	-		AP2REP, STAT5A, AP3, NFY
100	CHST3	+	113092	AP2REP, STAT5A, AP3, NFY
101	ACTA2	+		AP2REP, STAT5A, AP3, NFY
101	TNFRSF6	+	37770	AP2REP, STAT5A, AP3, NFY
102	TLL2	-		AP2REP, STAT5A, AP3, NFY
102	TLL2	-		AP2REP, STAT5A, AP3, NFY
102	TLL2	-	73134	AP2REP, SF1, STAT5A, AR, AREB6, CDC5, DBP, E12, E4F1, E2F, HNF3ALPHA, HOXA3, IPF1, LYF1, MSX1, NKX22, NKX25, PAX4, PEAK3, PU1, SMAD3, STAT4, TITF1
103	ANKRD2	+		AP1, AP2GAMMA, CACBP, PU1, STAT4

103	C10orf65	ENSG00000155252	+	11829	API, ALPHACP1, AP2ALPHA, ARP1, CDP, ELK1, EV11, FOXM1, GATA3, GATA4, IRF1, LBP1, LFA1, LMO2COM, LYF1, MYB, MZF1, NFKAPPAB50, NFY, OCT1, PITX2, POU1F1, RORA1, SPI, TFIII, USF2, ZIC2
104	MGEA5	ENSG00000107832	-		SF1, SRY
104	KCNIP2	ENSG00000120049	-	25498	AP1, AP2, AREB6, CACBP, EV11, GATA1, HEB, HMGIY, IK3, NKX22, NKX25, SMAD4, TGIF
105	TALD01	ENSG00000177225	-		MZF1, SMAD4, TEL2, ZIC3
105	TALD01	ENSG00000177156	+	2207	LFA1, MYOD, TCF4
106	LMO1	ENSG00000166407	-		AP1, ISRE, LBP1, MEIS1, OCT1, AML1, AP2, AP4, AREB6, CDP, CEBPB, COREBF, GATA2, HEB, HNF4ALPHA, IK1, MYOD, MZF1, NFKAPPAB, NFKB, NKX3A, NKX62, RP5, 8, SMAD4, SOX5, SP1, SP2, SRY, STAT1, TCF1P, TCF2, USF, YY1, ZIC2
106	SYT13	ENSG00000130413	-	316490	AP1, ISRE, LBP1, MEIS1, OCT1, AP2GAMMA, AP2REP, CDC5, CEBPB, GAMMA, ELF1, EN1, FREAC7, HOXA3, HOXA4, LYF1, NFY, P53, POU3F2, RSRFC4, SMAD3, SP3, STAT6, TCF4, TEF, TGIF, TITF1
107	API5	ENSG000001166181	+		AT1, HNF1, LBP1, ZF5
107	TTC17	ENSG00000052841	+	46938	AP1, AREB6, ATF4, BACH2, CP2, E2F1, ELF1, EN1, EV11, FOXD3, GATA1, GKLF, HSF1, IK2, IRF1, LEF1, MSX1, NFAT, PAX4, POU6F1, SRY, STAT4, TAL1, BETAE47, TITF1, USF2
108	TP5311	ENSG00000175274	-		AREB6, EN1, SF1, ZIC2, ALPHACP1, AP1, AP2ALPHA, CDP, CEBPA, CEBPB, COUP, GATA1, HAND1E47, HEB, HOXA4, MAZ, MYOGENIN, NFAT, PBX1, PEAS3, SPI, SRY, STAT6, TCF1P, TCF4, TFIII, VDR
108	SYT13	ENSG00000109505	-	169576	AREB6, EN1, SF1, ZIC2, BRN2, CACBP, CDPCR3HD, DBP, ELF1, GATA4, HOXA3, LBP1, MEIS1, MEIS1AHOXA9, MSX1, MYB, MZF1, NKX25, PAX2, PITX2, POU1F1, POU1F2, STAT5A, STAT5B, TEF1, ZIC3
109	PANX1	ENSG00000110218	+		AREB6, AML1, AP2REP, AP4, CEBPB, LYF1, NKX3A, POU1F1, POU1, TGIF
109	GPR83	ENSG00000123901	-	272322	AREB6, DBP, GATA1, LMO2COM, MAZ, MEIS1BHOXA9, NFY, NKX25, NKX62, PAX2, PBX1, STAT5A, STAT6, TFIII
110	ROBO4	ENSG00000154133	-		HMGIY, HOXA4, POU1, AP2, BACH2, DBP, ETF, FOXO1, LMO2COM, MYOGENIN, NFKAPPAB, POU1F1, STAT, STAT3, STAT6, TCF4
110		ENSG00000165478	-	38205	HMGIY, HOXA4, POU1, AP1, AP2REP, CEBPB, CP2, E2F1, ELF1, FOXM1, GKLF, HNF4, LYF1, MAZ, MZF1, NFAT, NKX25, NKX62, P53, PEAS3, STAT5A, TITF1, ZIC1, ZID
111	SCNN1A	ENSG00000111319	-		AP2, AR, GATA3, HOXA4, OCT1, POU1, RREB1, SPI, AP3, AP4, CDX2, DBP, E2F1DP1, EFC, EV11, FOXM1, HNF3ALPHA, HOXA3, LBP1, MYOGENIN, MZF1, P300, P53, PEAS3, TCF4, TEF1, TEL2, TFIII, TGIF, ZIC1, ZIC2
111	LTRB	ENSG00000111321	+	8607	AP2, AR, GATA3, HOXA4, OCT1, POU1, RREB1, SPI, AREB6, CETS1P54, CP2, E2F1DP2, ETF, HAND1E47, HEB, LFA1, LHX3, PAX2, SMAD3, SP21, SRY, STAT3, STAT5A, STAT5B, STAT6, USF2
112		ENSG00000165685	+		STAT5B, AP1F1, AP3, CDC5, CDPCR3HD, CP2, EFC, ERR1, FOXD3, FOXM1, GATA1, GATA6, GKLF, MAZ, NKX3A, P300, PAX2, PBX1, SF1, SRY, STAT4, STAT5A
112	GABARAPL1	ENSG00000139112	+	33798	STAT5B, AP2REP, BACH2, CEBPGAMMA, LYF1, NKX25, PAX4, STAT6, AML1, AP2GAMMA, AP3, AP4, AREB6, CEBPB, CETS1P54, COREBF, CP2, DBP, FOXM1, HNF3ALPHA, HNF4ALPHA, LBP1, MTF1, OCT1, P53, SOX5, STAT5A, STAT5B, ZIC1
113	FGD4	ENSG00000139132	+		IC1
113	DNM1L	ENSG00000108740	+	177125	CDP, TGIF
113	DNM1L	ENSG00000108740	+		CDP, TGIF
114		ENSG00000139131	-	76615	HMGIY, HOXA4, MEIS1, POU1F1, SP1, TCF4, TEF
115	SYT13	ENSG00000139131	-		TCF4, HMGIY, HOXA4, MEIS1, POU1F1, SP1, TEF
115	PKP2	ENSG00000057294	-	140856	TCF4, AP1, AP1, AP3, AREB6, CACBP, GATA4, HEB, HSF2, NKX62, P53, PEAS3, PU1, TBP
116	TUBA1	ENSG00000123416	-		ELF1, HEB, USF, ZIC2
116		ENSG00000139636	-	30643	AP2REP, CREB1CJUN, GATA3, HMGIY, MYB, NKX22, SRY
117	SLC11A2	ENSG00000110911	-		AREB6, NKX62, PITX2, TEF1, TGIF, CEBPB, CEBPDelta, AML1, HSF2, IPF1, LYF1, MAZR, NFE2, PAX2, PU1, YY1
117	C12orf22	ENSG00000110925	-	31076	AREB6, NKX62, PITX2, TEF1, TGIF, AP1, AML1, AP2ALPHA, AP3, AP4, AR, CDX2, CEBPA, CEBPGAMMA, CETS1P54, CP2, EFC, FAC1, FOXD3, FOXM1, FOXO4, GATA3, GCM, HAND1E47, HMGIY, HOXA4, IC5BP, LFA1, MMEF2, NFKAPPAB50, NKX22, NKX25, NKX3A, OCT1, PAX4, POU1F1, STAT, STAT5A, STAT5B, TFIII
118	MMP19	ENSG00000123342	-		LFA1, TCF11, TFIII, ZIC3
119	TMEM4	ENSG00000144785	-		AML1, AP2ALPHA, AP2REP, AP3, AP4, AREB6, CACBP, EN1, LYF1, MEIS1, MRF2, MSX1, NFKB, SF1, SMAD4, SPI
119	CS	ENSG00000062485	-	38732	AP2REP, LFA1, AP2, AREB6, E2F1, HSF2, IC5BP, IK1, MAZR, MSX1, NCX, OSF2, TCF4, ZF5
120	SLC39A5	ENSG00000139540	+		AP2REP, LFA1, CDPCR3HD, CEBPB, DBP, E2F, GATA1, GATA4, IRF1, MZF1, OCT1, PAX2, PAX4, PEAS3, PITX2, SF1, SPI, SRY, STAT5B, TEF1, YY1, ZIC2
120		ENSG00000139579	+	7992	STAT3, AP1, AP4, ATF3, ATF6, ETF, FOXO1, HOXA3, MYB, MZF1, NFAT, PEAS3, PITX2, SF1, SP1, USF
121	TBC1D15	ENSG00000121749	+		STAT3, CP2, ERR1
121	TPH2	ENSG00000139287	+	99218	NKX25, SF1, AP1, IC5BP, RORA1, STAT5A, TBP, NKX25, SF1, AREB6, CDX2, CEBPB, CEBPGAMMA, CP2, ELF1, ERR1, FOXD3, FOXM1, FOXO4, GATA1, GATA6, HAND1E47, HMGIY, LYF1, NFAT, OCT1, PAX4, PBX1, TEF, TITF1
122		ENSG00000175504	unknown		E2F1, MYOGENIN, PAX2, SPI, STAT6, AML1, AP1, AP2ALPHA, AREB6, CEBPDelta, DBP, FOXD3, FOXO4, GATA1, GATA6, HMGIY, HOXA4, LFA1, MSX1, NFAT, NKX25, PU1, SRY, STAT5A, TFIII
122	NUDT4	ENSG00000173598	+		E2F1, MYOGENIN, PAX2, SPI, STAT6, AP2, E47, EN1, GATA3, LYF1
123		ENSG00000136003	unknown		ATF3
123		ENSG00000176123	unknown		AP2GAMMA, AP2REP, DBP, ETF, GATA3, LFA1, LMO2COM, LYF1, MYOGENIN, POU1F1, SF1, SP1, STAT3
124	FBXW8	ENSG00000174989	+		NKX25, STAT5A, TCF1P, USF2, ZIC1
124		ENSG00000088992	-	188501	AP2ALPHA, CDC5, EN1, GATA2, MZF1, P53
125	KCTD4	ENSG00000180332	-		CDPCR3HD, EV11, FOXD3, FOXM1, GATA1, NKX25, POU6F1, SOX5, STAT4, TCF4, TEF1
125	TPT1	ENSG00000133112	-	146445	AP2REP, ATF6, SP1, USF2
126	ITGBL1	ENSG00000139783	+		NKX62, PAX2, POU1F1, HOXA3, STAT5B, APF1, AP1, AP3, EN1, HAND1E47, HOXA3, IK3, IPF1, LYF1, MZF1, PBX1, PU1, TBP, TCF1P
126	FGF14	ENSG00000102466	-	464036	NKX62, PAX2, POU1F1, SMAD3, STAT5B, AML1, AP4, AR, CETS1P54, CHOP, CREB1CJUN, CRX, E2F1, E47, EV11, GATA1, HSF2, IC5BP, IK1, LBP1, LFA1, MSX1, NFE2, NFY, NKX22, NKX25, OCT1, P53, STAT6, TCF11, TCF4, TFIII
127	CFL2	ENSG00000165410	-		LYF1, MAZ, PITX2
127	BAZ1A	ENSG00000092277	-	160929	AP1, AP2REP, AREB6, CEBPDelta, CREB1CJUN, ELK1, EV11, FOXM1, GATA6, HNF3ALPHA, ISRE, LEF1, LHX3, MEIS1, MRF2, NFE2, NFY, NKX22, NKX25, NKX3A, OCT1, PBX1, SRY, TBP
128	KIAA1596	ENSG00000092191	+		OCT1, PBX1, SRY, TBP
128	C14orf106	ENSG00000129534	-	110991	OCT1, AREB6, CDPCR3HD, DBP, EN1, FOXD3, IRF1, NKX3A, PAX4, TGIF
129		ENSG00000170348	-		AML1, AP2REP, EN1, LYF1, AP1F1, BRN2, CACBP, CDC5, CDPCR3HD, CEBPGAMMA, COUP, ETF, FOXM1, FREAC3, HNF4, HNF4ALPHA, P53, PAX2, SF1, SRY, STAT, TA, TCF4, TFIII
129	FOS	ENSG00000170345	+	102193	AML1, AP2REP, EN1, LYF1, AP1, AP4, AREB6, ATF1, ELF1, EV11, FOXO1, FOXO4, GATA1, HNF3, HNF3ALPHA, IRF1, LBP1, LFA1, LMO2COM, MAZ, MRF2, MYB, MZF1, NFKAPPAB50, NFMUE1, PEAS3, POU1F1, RORA1, RREB1, SB, SMAD4, SOX5, SP3, STAT1, STAT3, STAT4, STAT5, TBP, TCF11, TGIF, TST1, YY1, ZIC2
130	C14orf4	ENSG00000119669	-		AP4, AREB6, ATF3, FOXM1, GATA3, HNF3ALPHA, IRF1, SRF, STAT3, AHRARNT, AML1, AP2, CACBP, CEBPA, CETS1P54, COUP, CREB1, E2F1, E47, EN1, FOXO4, GATA1, GATA6, GCM, HNF6, HOXA4, HSF1, HSF2, LBP1, LEF1, LYF1, MTF1, MZF1, NFKAPPAB50, NFMUE1, NKX62, NR1, OCT1, OSF2, P300, PAX2, PAX4, PBX1, PEAS3, PITX2, POU1F1, POU6F1, PU1, SP1, SP21, TCF1P, TITF1, ZIC3
130	KIAA1737	ENSG00000133965	+	70526	AP4, AREB6, ATF3, FOXM1, GATA3, HNF3ALPHA, IRF1, SRF, STAT3, ARNT, ATF1, CEBPB, E2F1DP1, FOXJ2, GATA2, HIF1, HMGIY, HNF4ALPHA, LHX3, LMO2COM, MRF2, MYB, NKX22, NKX61, STAT5A, STAT5B, TBP, TEF1, ZIC1
131	AK7	ENSG00000140057	+		STAT5A
131	PAPOLA	ENSG00000090060	+	110349	APF1, AP3, CEBPB, CHOP, EN1, HOXA4, HSF1, LHX3, LYF1, MYB, PU1, SF1, SRY
132	ZFP106	ENSG00000103994	+		GATA1, CEBPB, E47, EN1, EV11, FAC1, GATA6, HMGIY, HNF3ALPHA, IK1, IRF1, MEIS1, NKX25, NKX61, OCT1, PBX1, PU1, SF1, SOX5, SP1, TCF1P, TST1, ZID
132	SNAP23	ENSG00000092531	-	38070	GATA1, CEBPGAMMA, FOXD3, IK2, TCF11
133	SNAP23	ENSG00000092531	+		CEBPGAMMA, FOXD3, GATA1, IK2, TCF11
133		ENSG00000180979	-	53165	AP1, AP2, AP2GAMMA, AP2REP, AP3, CDC5, CDP, CEBP, CEBPDelta, ETF, FAC1, FOXM1, GCM, IRF1, MAZ, NKX61, OCT1, P53, PAX4, PBX1, POU1F1, STAT, TEF1, TITF1, ZIC2, ZID
134	MPI	ENSG00000178802	+		STAT6, CETS1P54, EN1, STAT1, ZF5
134	C15orf17	ENSG00000178761	+	15979	STAT6, AML1, AP1, MYB, SRY, TEF1
135	NDUFB10	ENSG00000140990	+		FOXO1, GATA1, GATA6, LBP1, MEIS1BHOXA9, TBP
135	RP52	ENSG00000140988	-	5300	AP2REP, CP2, GCM, SRY
136	TFAP4	ENSG00000090447	+		AP4, STAT6, AP2GAMMA, AREB6, ATF1, CEBP, CEBPA, CETS1P54, CREB, DBP, E2F1DP2, EN1, FAC1, FOXO4, GKLF, IK1, LYF1, MYCMAJ, MYOD, OCT1, PEAS3, PITX2, POU1F1, SRY, STAT5A, TAXKREB, TCF4, TEF1
136	GLIS2	ENSG00000126603	+	59250	AP4, STAT6, AP2ALPHA, E12, FOXD3, IRF1, MMEF2, PAX2, SF1, SP21, TFIII, TGIF
137	GLIS2	ENSG00000126603	+	84703	SF1, AP2ALPHA, AP4, E12, FOXD3, IRF1, MMEF2, PAX2, SP21, STAT6, TFIII, TGIF
137		ENSG00000103246	-		SF1, AP2GAMMA, AP3, CACBP, DBP, HIF1, LBP1, NRF1, P300, STAT3, STAT5B, TBP, BACH2, IK2, LYF1, MZF1, SRY, AML1, AP1F1, AP2GAMMA, AP4, AREB6, CDPCR3HD, CP2, CRX, E2F1DP1, HAND1E47, HSF2, LBP1, MYOD, OSF2, PU1, STAT4, TFIII, USF
138	HRIPI3	ENSG00000149930	+	22170	BACH2, IK2, LYF1, MZF1, SRY, AP2, ATF6, CEBPGAMMA, HIF1, LFA1, MAZ, MAZR, MEIS1, NFMUE1, P300, PAX4, SF1, SP1, STAT5A, TCF11, ZF5, ZIC3
139	VPS35	ENSG00000069329	-	46	GATA1, MYB, SOX5, STAT5A, TEF1, CEBPGAMMA, EN1, GATA2, MZF1, STAT5B, TATA
140	ORCGL	ENSG00000091651	+		GATA1, MZF1, SRY, STAT5B, STAT6, AP1, AP2REP, CEBP, CHX10, FOXO1, FOXO3, HNF6, HOXA3, HOXA4, LFA1, MAZ, MYCMAJ, NCX, NKX25, P300, PAX2, PAX4, STAT4, STAT5A, TCF11, TCF4, TEF1
140	ORCGL	ENSG00000091651	+	58657	GATA1, AP3, E2F1, HOXA3, MYB, NFY, OCT1, SMAD3, SOX5, SP1, SREB1, STAT4, STAT5A, TEF1, TFIIA
140		ENSG00000140795	-		GATA1, GKLF, HNF4, HNF3ALPHA, MAZ, MZF1, TCF1P, TFIII, TST1
141		ENSG00000006740	+		P300, AP2REP, CDC5, CDP, CREB, E2F, ELF1, HLF, HNF3ALPHA, LHX3, LYF1, MEIS1, MYB, NKX62, OCT1, SF1, SP3, SREB1, STAT, STAT4, TCF1P, TGIF, USF2
141	ELAC2	ENSG00000006744	-	228482	P300, AP4, CDX2, PAX2, POU1F1, RP58, STAT5A
142	ELAC2	ENSG00000006744	-		PAX2, STAT5A, AREB6, ATF1, ATF3, CDP, CEBPA, CETS1P54, COREBF, CRX, DBP, ETF, FOXO1, HNF3ALPHA, HOXA3, IPF1, LMO2COM, MEIS1, MYB, MYOD, MYOGENIN, NFAT, OCT1, P53, PAX4, PBX1, POU1F1, SP3, STAT5B, TAXKREB, TEF, TITF1, VDR, ZF5, ZIC2
142	HS3T3A1	ENSG00000153976	-	583906	HNF3ALPHA, SRY, TCF4, CDX2, FOXD3, LBP1, OSF2, STAT5A, TBP
143	WSB1	ENSG00000109046	+		HNF3ALPHA, SRY, TCF4, AML1, AP2ALPHA, AP2GAMMA, AREB6, ATF4, CDPCR3HD, DBP, FOXO1, GATA1, GATA3, GKLF, LEF1, LFA1, MAZ, MYB, MYOGENIN, MZF1, NFKAPPAB50, NFMUE1, PEAS3, POU1F1, POU1, SP1, SMAD3, SOX5, SP1, SREB1, STAT4, STAT5B, TBP, TCF1, ZF5, ZIC2
143	KSR	ENSG00000141068	+	177953	HNF3ALPHA, SRY, TCF4, AML1, AP2ALPHA, AP2GAMMA, AREB6, ATF4, CDPCR3HD, DBP, FOXO1, GATA1, GATA3, GKLF, LEF1, LFA1, MAZ, MYB, MYOGENIN, MZF1, NFKAPPAB50, NFMUE1, PEAS3, POU1F1, POU1, SP1, SMAD3, SOX5, SP1, SREB1, STAT4, STAT5B, TBP, TCF1, ZF5, ZIC2
144	RPL23A	ENSG00000173070	+		AP2ALPHA, CACBP, USF2, ELK1, GATA6, P53, PEAS3, SP1, STAT6
144		ENSG00000160606	-	6230	AP2ALPHA, CACBP, USF2, AML1, AP1, AP1F1, AP4, AREB6, CEBPGAMMA, E2F1, ETF, HNF1, IRF1, LBP1, MEIS1, MYB, MZF1, NFKAPPAB, NFY, STAT, TCF1P, TFIII, VDR, SF
145		ENSG00000108256	-		AP2, AP2REP, AREB6, CEBPB, DBP, EN1, FOXM1, HLF, LHX3, LMO2COM, LYF1, MRF2, NKX25, NKX61, NKX62, PAX4, POU3F2, SRY, STAT1, STAT5A, STAT5B, STAT6, TST1
145		ENSG00000160551	+	157220	IK2, MYOGENIN, TCF11
146		ENSG00000141302	+		AP3, BACH2, CDPCR3HD, CEBPB, CHOP, CREL, CRX, E2F, ERR1, FOXD3, FOXM1, FOXO1, GKLF, HAND1E47, HNF4ALPHA, IC5BP, IPF1, IRF1, LYF1, MYB, NCX, NFKAPPAB50, NKX22, NKX25, NKX61, OCT1, PEAS3, SP3, SRY, STAT1, STAT6, TBP, TFIII, VDR, ZIC1, ZIC3
146		ENSG00000167549	-	29155	
147		ENSG00000172653	-		DBP, AP2ALPHA, AP4, CACBP, EV11, HNF4ALPHA, IK2, LFA1, OSF2, SRY, STAT5B
147	CCL5	ENSG00000161570	-	11486	DBP, ARNT, GATA1, HLF, IK1, LMO2COM, NFKAPPAB50, PAX2, STAT6, TATA, TEF1
148	DDX52	ENSG00000141141	-		GATA1, MZF1, SRY, STAT5B, STAT6, AP2, COUP, HLF, IRF1, OCT1, STAT3
148	TCF2	ENSG00000108753	-	101584	GATA1, MZF1, SRY, STAT5B, STAT6, AP2, COUP, HLF, IRF1, OCT1, STAT3
149		ENSG00000167131	+		CACCCBF, LMO2COM, STAT5A, STAT6, CACBP, E2F1, FOXO1, MAZ, NFAT, NFKB, P300, PU1, RORA1, SF1
149	GFAP	ENSG00000131095	-	15726	CACCCBF, LMO2COM, STAT5A, STAT6, AP2ALPHA, AP2GAMMA, AP4, BACH1, GATA1, GKLF, HOXA3, IK2, LYF1, MEIS1, MZF1, P53, PAX2, SP3, STAT3, TFIII, ZIC1
150	SGCA	ENSG00000108823	+		AML1, AP2REP, AP4, AREB6, MAZR, NFAT, OCT1, OSF2, POU1F1, TCF11, TGIF, ZF5, AP1, AP2, AP2GAMMA, AP3, CEBP, CRX, ELF1, FOXD3, GATA1, GKLF, HMGIY, LFA1, LYF1, MYOGENIN, NCX, PU1, RSRFC4, SF1, SMAD3, SRY, TST1, USF2
150	COL1A1	ENSG00000108821	-	35627	AML1, AP2REP, AP4, AREB6, MAZR, NFAT, OCT1, OSF2, POU1F1, TCF11, TGIF, ZF5, ALPHACP1, AP1F1, ATF4, BACH2, CACBP, CEBPB, COREBF, E2F1, E2F1DP1, ERR1, GATA4, GCM, HAND1E47, IK1, IK3, IRF1, LBP1, MEIS1, NKX25, NMYC, P53, PAX4, RREB1, TAL1, BETAE47, TCF4, TFIII, TITF1
151		ENSG00000141576	-		AREB6, HNF4ALPHA, AP1, AML1, AP1, AP3, CDX2, CEBP, ETF, FOXJ2, FOXO1, FOXO4, GKLF, HMGIY, HOXA4, LYF1, MAZ, MEIS1, MZF1, NFE2, NKX61, PAX2, PEAS3, PITX2, POU6F1, SF1, STAT6, TCF1P, ZIC1

151		ENSG00000129646	-	67371	AREB6, HNF4ALPHA, AP2ALPHA, ARNT, CEBPB, CP2, EN1, FAC1, GATA4, GATA6, GCM, MYCMA, OCT1, OSF2, PU1, USF2
152	TBC1D16	ENSG00000167291	-		CEBPDELTA, AP1, DBP, ETF, STAT5B, USF, ZIC1
152		ENSG00000141519	+	815	CEBPDELTA, AML1, AP2REP, AP3, E12, E2F1, DP1RB, FAC1, HEB, HOXA3, IK2, IRF1, MAZ, MEIS1, MYB, MYOD, OSF2, PBX1, SF1, SMAD4, SRY, STAT3, TCF4
153	THOC1	ENSG00000079134	-		HNF3ALPHA, MZF1, AP2REP, AP4, CDPCR3HD, CP2, E2F1, EVI1, FOXO4, GATA1, GATA2, GATA4, HEB, HNF3ALPHA, IRF1, LEF1, LFA1, LYF1, MAZ, MYOD, MZF1, NFY, OCT1, P53, SF1, SMAD3, SP3, TITF1, USF
153	COLEC12	ENSG00000158270	-	232681	HNF3ALPHA, MZF1, CDC5, CEBPB, ELF1, FOXM1, FOXO1, HEB, HOXA4, IRF1, LBP1, LMO2COM, LYF1, NFY, PAX4, PU1, SRY, STAT3, STAT6, ZF5, ZID
154	C18orf9	ENSG00000101624	-		LYF1, YY1, ZIC1
154	PTPN2	ENSG00000175354	-	181636	LYF1, AML1, AP3, CEBPB, CRX, EN1, HIF1, HOXA3, LBP1, LEF1, MSX1, NFAT, NRF1, OSF2, PAX8, SP1, TFIIA
155	MAPRE2	ENSG00000166974	+		POU1F1, AP2GAMMA, AREB6, CACBP, CEBPB, ELK1, EVI1, FOXO4, GATA1, GATA2, GATA4, HEB, HNF3ALPHA, IRF1, LEF1, LFA1, LYF1, MAZ, MYOD, MZF1, NFY, OCT1, P53, PAX2, PAX4, POU6F1, SMAD3, SRY, STAT, STAT1, STAT6, TAL1ALPHA47, TITF1, YY1, ZIC3
155		ENSG00000118267	+	199634	POU1F1, FOXD3, TCF11
156	SLC14A2	ENSG00000132874	+		AP1, AP2REP, CACBP, CP2, FOXD3, HAND1E47, LFA1, LYF1, NFY, OCT1, STAT, STAT6, USF2, AP2ALPHA, CDX2, E2F, ERR1, EVI1, FOXO1, FREAC7, HEB, HMEF2, IK3, LHX3, MZF1, P300, PEAS3, SREBP1, SRY, TCF1P, TFII3, YY1
156	SLC14A1	ENSG00000141469	+	99563	AP1, AP2REP, CACBP, CP2, FOXD3, HAND1E47, LFA1, LYF1, NFY, OCT1, STAT, STAT6, USF2, AP3, AP4, AREB6, CEBPGAMMA, CETS1P54, CREB, CRX, DBP, HNF3ALPHA, HNF6, MTF1, MYB, MYOGENIN, NCX, NKX25, NKX62, RORA1, SF1, STAT5B, TST1, VDR
157	OAZ1	ENSG00000104904	+		ELF1
157	LSM7	ENSG00000130332	-	59051	AP2ALPHA, AP2REP, DBP, ETF, FOXM1, HAND1E47, HMGYI, PAX2, SRY, STAT5A, STAT5B, ZIC3
158	SAFB2	ENSG00000130254	-		ELF1, SP1, AP3, CEBP, DBP, E2F1, NRF1, PBX1, PU1, TCF4, YY1
158	SAFB	ENSG00000160633	+	362	ELF1, SP1, AP1, CETS1P54, CHOP, EN1, HOXA4, LYF1, MAZ, NFMUE1, PAX3, SRY, STAT3, STAT5A, TITF1
159	HOOK2	ENSG00000095066	-		AML1, AP1, DBP, E2F1, ELK1, EVI1, FOXD3, FREAC4, GATA1, GCM, HMGYI, IK1, IK3, LMO2COM, MAZR, MEIS1, MMEF2, NFKAPPAB, NFMUE1, NKX22, OCT1, PAX2, RORA1, SRF, TAL1BETA47, YY1, ZIC2, AR, COREBF, FAC1, FOXO4, GATA3, GKLF, HAND1E47, HEB, IRF1, MTF1, NKX25, NKX62, NMYC, POU1F1, SPZ1, STAT, TBP, TCF11, TCF4, TEL2, ZF5
159	JUNB	ENSG00000171223	+	15953	AML1, AP1, DBP, E2F1, ELK1, EVI1, FOXD3, FREAC4, GATA1, GCM, HMGYI, IK1, IK3, LMO2COM, MAZR, MEIS1, MMEF2, NFKAPPAB, NFMUE1, NKX22, OCT1, PAX2, RORA1, SRF, TAL1BETA47, YY1, ZIC2, CETS1P54, E2F1, EFC, HNF8, HNF6, IK2, PEAS3, SP1, STAT1, STAT5A, STAT5B, USF2, ZIC3
160	CHERP	ENSG00000085872	-		GATA1, STAT5A, E2F1, LBP1, LMO2COM, MZF1, PAX4, SRY, TEL2, USF, ZIC1
160	SLC35E1	ENSG00000127526	-	29745	GATA1, STAT5A, AML1, CETS1P54, ERR1, PEAS3, SF1, TBP
161	UBB	ENSG00000006717	+		ZIC1, CETS1P54, CREB, E2F4DP2, ETF, GATA1, MSX1, NRF1, PU1
161		ENSG00000006015	+	16938	ZIC1
162	HAMP	ENSG00000105697	+		AP2REP, AREB6, LMO2COM, STAT
162	MAG	ENSG00000105695	+	9623	ZIC1
163	GYS1	ENSG00000104812	-		TGIF, PU1, ZIC3
163	CGB2	ENSG00000104818	+	382	TGIF, PITX2
164	DPH1	ENSG00000000419	-		AP2ALPHA, AP2REP, ATF1, ATF6, CEBPB, E2F1, ETF, LYF1, MSX1, PEAS3, STAT4, TEF1
164	MOC53	ENSG00000124217	+	276	FREAC7, HNF3ALPHA, IPF1, LEF1, LMO2COM, NCX, NFAT, NFY, OCT1, P53, PAX4, PBX1, SMAD3
165	POLIP3	ENSG00000100243	-		STAT5A
165	DIA1	ENSG00000100243	-	32121	FOXM1, PAX2
166	HDAC10	ENSG00000100429	-		AP2GAMMA, COREBF, MZF1, PEAS3, AP2REP, MAZ, MAZR, OSF2, STAT5A, ZF5
166		ENSG00000073196	unknown		AP2GAMMA, COREBF, MZF1, PEAS3, AP1, CDPCR3HD, CETS1P54, E2F1, E47, GKLF, LYF1, MYOD, NRF1, SP1
167		ENSG00000157600	+		CHOP, PAX4, TFII3, AP3, GATA4, GKLF, LFA1, MYB, P300, SMAD3, SP1, SRF
167					CHOP, PAX4, TFII3, AP2ALPHA, AP4, BRN2, CDX2, CEBPGAMMA, EVI1, FOXM1, FOXO4, HNF1, HNF3ALPHA, LYF1, MSX1, OCT1, POU3F2, PU1, RREB1, STAT5A, TST1, ZIC3
167	AMMECR1	ENSG00000101935	-	315128	DBP, MAZ, STAT5A, ZIC3, AML1, AP1F3, CACBP, GATA2, HNF4, MZF1, PAX2, TCF1P, TFII3, TITF1
168	FHL1	ENSG00000022267	+		DBP, MAZ, STAT5A, ZIC3, AREB6, CETS1P54, HMGYI, HOXA4, IRF1, NFE2, NKX25, OCT1, PAX4, POU1F1, SMAD4, SP1, SRY, STAT, STAT3, STAT6, USF2
168		ENSG00000129680	-	103852	AP2ALPHA, DBP, MYOGENIN, PAX4, TGIF
169	MTMR1	ENSG000000063601	+		AP2ALPHA, DBP, AP1, AP2GAMMA, AP2REP, AREB6, CDC5, CEBPGAMMA, COREBF, CRX, ERR1, FOXO4, FREAC4, HSF1, MAZ, MRF2, NKX25, OCT1, PAX2, POU6F1, SRY, TCF4
169	CD99L2	ENSG00000102181	-	205234	AP2ALPHA, AP2REP, E2F1, E2F1DP1, FOXM1, MSX1
170	ATP6AP1	ENSG00000071553	+		PAX4
170	GD11	ENSG00000102129	+	8456	CEBPB, ETF, TEF1, YY1, ZF5
171	FUNDC2	ENSG00000165775	+		PAX4, PAX4, AP2GAMMA, AREB6, BACH1, BRN2, CDX2, CEBP, CEBPB, E2F, E2F1DP1, ELK1, EN1, EVI1, FOXO3, FOXO4, GATA1, HNF4, HMGYI, HNF3ALPHA, HNF6, IK2, IPF1, LEF1, LFA1, LYF1, MAZ, MSX1, MYOD, MZF1, NFE2, NKX62, OCT1, OSF2, PEAS3, SF1, STAT3, STAT5B, TCF11, TEF, TFII3, ZF5
171		ENSG00000165778	unknown		