

Supplemental Table S3. Clover results indicate the number of chromosomes that returned transcription factor binding motifs as statistically over- or under-represented in HEE DHS overlapping promoters. Analysis was divided into three groups (all DHS, HTE-selective DHS, and ubiquitous DHS).

All Promoter DHS				Epid-selective Promoter DHS				Ubiquitous Promoter DHS			
Matrix ID	Gene Symbol	p<0.01	p>0.99	Matrix ID	Gene Symbol	p<0.01	p>0.99	Matrix ID	Gene Symbol	p<0.01	p>0.99
MA0028.1	ELK1	23	0	V\$AP1_Q6	activator protein 1	14	0	MA0027.1	En1	23	0
MA0039.2	Klf4	23	0	V\$FRA1_Q5	FRA1	13	0	MA0028.1	ELK1	23	0
MA0060.1	NFYA	23	0	MA0046.1	HNF1A	7	0	MA0039.2	Klf4	23	0
MA0062.2	GABPA	23	0	V\$CMF2_Q2	C-MAF	7	0	MA0060.1	NFYA	23	0
MA0068.1	Pax4	23	0	V\$NFE2_Q1	NF-E2 p45	7	0	MA0062.2	GABPA	23	0
MA0080.2	SPI1	23	0	MA0002.2	RUNX1	5	0	MA0063.1	Nkx2-5	23	0
MA0081.1	SPIB	23	0	MA0089.1	NFE2L1::MafG	5	0	MA0068.1	Pax4	23	0
MA0084.1	SRY	23	0	MA0153.1	HNF1B	5	0	MA0076.1	ELK4	23	0
MA0098.1	ETS1	23	0	V\$BACH2_Q1	BTB and CNC homolog 2	5	0	MA0080.2	SPI1	23	0
MA0108.2	TBP	23	0	MA0080.2	SPI1	4	0	MA0084.1	SRY	23	0
MA0136.1	ELF5	23	0	V\$ETS_Q6	Ets	4	0	MA0098.1	ETS1	23	0
MA0151.1	ARID3A	23	0	V\$HNF1_Q1	hepatic nuclear factor 1	4	0	MA0108.2	TBP	23	0
MA0156.1	FEV	23	0	V\$NERF_Q2	new ets-related factor 1a	4	0	MA0136.1	ELF5	23	0
V\$ALX3_Q1	ALX-3	23	0	V\$TEL2_Q6	Tel-2	4	0	MA0151.1	ARID3A	23	0
V\$ALX4_Q2	Alx-4 myocyte enhancer factor	23	0	V\$USF_Q6	upstream stimulating factor	4	0	MA0158.1	HOXA5	23	0
V\$AMEF2_Q6	Arx	23	0	MA0090.1	TEAD1	3	0	V\$ALX3_Q1	ALX-3	23	0
V\$ARX_Q1	Arx	23	0	V\$AP1FJ_Q2	activator protein 1 BTB and CNC homolog 1	3	0	V\$ALX4_Q2	Alx-4 myocyte enhancer factor	23	0
V\$BARHL1_Q1	Barhl-1	23	0	V\$BACH1_Q1	BTB and CNC homolog 1	3	0	V\$AMEF2_Q6	myocyte enhancer factor	23	0
V\$BARHL2_Q1	Barhl2	23	0	V\$COREBINDINGFA CTOR_Q6	core-binding factor	3	0	V\$AP2_Q6	activator protein 2	23	0
V\$BARX1_Q1	Barx1	23	0	V\$ELF1_Q5	ELF1	3	0	V\$ARX_Q1	Arx	23	0
V\$BARX2_Q1	Barx-2	23	0	V\$ETS2_Q6	ETS2	3	0	V\$BARHL1_Q1	Barhl-1	23	0
V\$BCL6_Q1	BCL6	23	0	V\$HEB_Q6	HEB	3	0	V\$BARHL2_Q1	Barhl2	23	0
V\$BRN2_Q1	POU factor Brn-2	23	0	V\$PEBP_Q6	PEBP	3	0	V\$BARX1_Q1	Barx1	23	0
V\$BRN3C_Q1	Brn-3c	23	0	V\$STAT6_Q2	signal transducer and activator of transcription 6	3	0	V\$BARX2_Q1	Barx-2	23	0
V\$BRN4_Q1	Brn-4	23	0	V\$STAT_Q6	STAT	3	0	V\$BCL6_Q1	BCL6	23	0
V\$BSX_Q1	Bsx	23	0	V\$TCF11_Q1	TCF11/KCR-F1/Nrf1 homodimers	3	0	V\$BRN2_Q1	POU factor Brn-2	23	0
V\$CART1_Q2	CART1	23	0	V\$TEF1_Q6	TEF-1	3	0	V\$BRN3C_Q1	Brn-3c	23	0
V\$CDC5_Q1	cell division control	23	0	V\$TEF_Q1	TEF b.s.	3	0	V\$BRN4_Q1	Brn-4	23	0

	protein 5										
V\$CDP_03	CDP	23	0	V\$ATF5_01	ATF5 binding site	3	1	V\$BSX_01	Bsx	23	0
V\$CDX1_01	Cdx-1	23	0	MA0066.1	PPARG	2	0	V\$CART1_02	CART1	23	0
V\$CDX2_01	Cdx-2	23	0	MA0069.1	Pax6	2	0	V\$CDC5_01	cell division control protein 5	23	0
V\$CDX_Q5	Cdx	23	0	MA0133.1	BRCA1	2	0	V\$CDP_03	CDP	23	0
V\$CEBP_01	CCAAT/enhancer binding protein	23	0	MA0136.1	ELF5	2	0	V\$CDX1_01	Cdx-1	23	0
V\$CEBPA_01	CCAAT/enhancer binding protein alpha	23	0	MA0138.2	REST	2	0	V\$CDX2_01	Cdx-2	23	0
V\$CEBPB_01	CCAAT/enhancer binding protein beta	23	0	MA0147.1	Myc	2	0	V\$CDX_Q5	Cdx	23	0
V\$CETS1P54_02	c-Ets-1(p54)	23	0	MA0156.1	FEV	2	0	V\$CEBP_01	CCAAT/enhancer binding protein	23	0
V\$CKROX_Q2	CKROX	23	0	V\$AML1_Q4	AML1	2	0	V\$CEBPA_01	CCAAT/enhancer binding protein alpha	23	0
V\$CNOT3_01	CNOT3	23	0	V\$AML_Q6	AML	2	0	V\$CEBPGAMMA_Q6	C/EBPgamma	23	0
V\$CPHX_01	Cphx	23	0	V\$AR_Q6	half-site matrix	2	0	V\$CETS1P54_02	c-Ets-1(p54)	23	0
V\$CRX_Q2	Crx	23	0	V\$BLIMP1_Q6	BLIMP1	2	0	V\$CKROX_Q2	CKROX	23	0
V\$DBX1_01	Dbx-1	23	0	V\$CEBPDELTA_Q6	C/EBPdelta	2	0	V\$CNOT3_01	CNOT3	23	0
V\$DBX2_01	Dbx-2	23	0	V\$CETS1P54_02	c-Ets-1(p54)	2	0	V\$CPHX_01	Cphx	23	0
V\$DLX1_01	Dlx-1	23	0	V\$DR1_Q3	Direct repeat 1	2	0	V\$CREB_01	cAMP-responsive element binding protein	23	0
V\$DLX2_01	Dlx-2	23	0	V\$ELK1_01	Elk-1	2	0	V\$CREBP1CJUN_01	CRE-binding protein 1:c-Jun heterodimer	23	0
V\$DLX3_01	dlx3	23	0	V\$ESE1_Q3	ESE1	2	0	V\$CRX_Q2	Crx	23	0
V\$DLX5_01	dlx5	23	0	V\$FLI1_Q6	FLI1	2	0	V\$DBX1_01	Dbx-1	23	0
V\$DLX7_01	Dlx7	23	0	V\$GATA_Q6	GATA	2	0	V\$DBX2_01	Dbx-2	23	0
V\$DOBOX4_01	Dobox4	23	0	V\$IPF1_02	A1	2	0	V\$DLX1_01	Dlx-1	23	0
V\$DOBOX5_01	Dobox5	23	0	V\$LMAF_Q2	LMAF	2	0	V\$DLX2_01	Dlx-2	23	0
V\$DRI1_01	DRI1 b.s.	23	0	V\$MAFB_01	MAFB	2	0	V\$DLX3_01	dlx3	23	0
V\$DUXL_01	Duxl	23	0	V\$MATH1_Q2	E47:MATH1 myoblast determination gene product	2	0	V\$DLX5_01	dlx5	23	0
V\$E2F1_01	E2F1	23	0	V\$MYOD_01	nuclear respiratory factor 2	2	0	V\$DLX7_01	Dlx7	23	0
V\$E2F6_01	E2F6	23	0	V\$NRF2_01		2	0	V\$DOBOX4_01	Dobox4	23	0
V\$E2F_Q2	E2F	23	0	V\$OCT1_Q5_01	1-Oct	2	0	V\$DOBOX5_01	Dobox5	23	0
V\$ELF1_Q5	ELF1	23	0	V\$PAX_Q6	Pax PPAR:RXR heterodimers	2	0	V\$DRI1_01	DRI1 b.s.	23	0
V\$EMX2_01	EMX2	23	0	V\$PPARA_01		2	0	V\$DUXL_01	Duxl	23	0
V\$EN1_02	En-1	23	0	V\$PU1_Q4	PU.1	2	0	V\$E2F1_01	E2F1	23	0
V\$EN2_01	En-2	23	0	V\$RORA_Q4	RORalpha	2	0	V\$E2F1DP1_01	E2F-1:DP-1 heterodimer	23	0

V\$ERG_01	ERG	23	0	V\$SMAD4_Q6	SMAD4	2	0	V\$E2F6_01	E2F6	23	0
V\$ESX1_01	Esx1	23	0	V\$SRF_Q4	SRF	2	0	V\$E2F_Q2	E2F	23	0
V\$ETF_Q6	ETF	23	0	V\$TR4_01	TR4	2	0	V\$ELF1_Q5	ELF1	23	0
V\$ETS_Q4	Ets	23	0	V\$ZABC1_01	ZABC1 b.s.	2	0	V\$EMX2_01	EMX2	23	0
V\$EVX1_01	Evx-1	23	0	MA0078.1	Sox17	2	1	V\$EN2_01	En-2	23	0
V\$EVX2_01	Evx2	23	0	MA0104.2	Mycn	2	1	V\$ERG_01	ERG	23	0
V\$FLI1_Q6	FLI1	23	0	V\$COUP_DR1_Q6	COUP direct repeat 1	2	1	V\$ESX1_01	Esx1	23	0
V\$FOXO4_02	fork head box O4	23	0	V\$E47_01	E47	2	1	V\$ETF_Q6	ETF	23	0
V\$FOXP3_01	forkhead box P3	23	0	MA0007.1	Ar	1	0	V\$EVX1_01	Evx-1	23	0
V\$GABP_B	GA binding protein	23	0	MA0014.1	Pax5	1	0	V\$EVX2_01	Evx2	23	0
V\$GABPALPHA_Q4	GABP-alpha Growth-associated binding protein	23	0	MA0043.1	HLF	1	0	V\$FOXO3_01	fork head box O3	23	0
V\$GADP_01	GADP	23	0	MA0048.1	NHLH1	1	0	V\$FOXO4_01	fork head box O4	23	0
V\$GBX1_01	Gbx1	23	0	MA0055.1	Myf	1	0	V\$FOXP3_01	forkhead box P3	23	0
V\$GBX2_01	Gbx2	23	0	MA0056.1	MZF1_1-4	1	0	V\$GABP_B	GA binding protein	23	0
V\$GSC_01	Gsc	23	0	MA0060.1	NFYA	1	0	V\$GABPALPHA_Q4	GABP-alpha Growth-associated binding protein	23	0
V\$GSH2_01	GSH2	23	0	MA0091.1	TAL1::TCF3	1	0	V\$GADP_01	GADP	23	0
V\$HB24_01	HB24	23	0	MA0101.1	REL	1	0	V\$GBX1_01	Gbx1	23	0
V\$HB9_01	HB9	23	0	MA0102.2	CEBPA	1	0	V\$GBX2_01	Gbx2	23	0
V\$HDX_01	Hdx	23	0	MA0106.1	TP53	1	0	V\$GKLF_02	GKLF (KLF4)	23	0
V\$HELIOSA_02	Helios A	23	0	MA0107.1	RELA	1	0	V\$GSC_01	Gsc	23	0
V\$HMBOX1_01	Hmbox1	23	0	MA0112.2	ESR1	1	0	V\$GSH2_01	GSH2	23	0
V\$HMGY1_01	HMGY1	23	0	MA0132.1	Pdx1	1	0	V\$HB24_01	HB24	23	0
V\$HMX1_02	HMX1	23	0	MA0137.2	STAT1	1	0	V\$HB9_01	HB9	23	0
V\$HMX3_02	Nkx5-1 hepatic nuclear factor 1	23	0	MA0144.1	Stat3	1	0	V\$HDX_01	Hdx	23	0
V\$HNF1_01	HNF-1beta	23	0	MA0152.1	NFATC2	1	0	V\$HELIOSA_02	Helios A	23	0
V\$HNF1B_01	HNF-1beta	23	0	MA0157.1	FOXO3	1	0	V\$HMBOX1_01	Hmbox1	23	0
V\$HOMEZ_01	Homez	23	0	MA0159.1	RXR::RAR_DR5	1	0	V\$HMGY1_01	HMGY1	23	0
V\$HOXA13_02	HOXA5	23	0	MA0161.1	NFIC	1	0	V\$HMX1_02	HMX1	23	0
V\$HOXA10_01	HOXA10	23	0	MA0163.1	PLAG1	1	0	V\$HMX3_02	Nkx5-1 hepatic nuclear factor 1	23	0
V\$HOXA11_01	HOXA11	23	0	MA0258.1	ESR2	1	0	V\$HNF1_01	HNF-1beta	23	0
V\$HOXA13_02	HOXA13	23	0	MA0442.1	SOX10	1	0	V\$HNF1B_01	HNF-1beta	23	0
V\$HOXA1_01	HOXA1	23	0	V\$AHRARNT_01	aryl hydrocarbon receptor:Arnt heterodimers	1	0	V\$HOMEZ_01	Homez	23	0
V\$HOXA2_01	HoxA2	23	0	V\$ALX4_01	Alx-4	1	0	V\$HOXA13_02	HOXA5	23	0
V\$HOXA3_02	HOXA3	23	0	V\$AML2_01	AML2	1	0	V\$HOXA10_01	HOXA10	23	0
V\$HOXA4_01	HOXA4	23	0	V\$AP4_Q6	activator protein 4	1	0	V\$HOXA11_01	HOXA11	23	0

V\$HOXA6_01	HOXA6	23	0	V\$ATF6_01	activating transcription factor 6	1	0	V\$HOXA13_02	HOXA13	23	0
V\$HOXA7_02	HOXA7	23	0	V\$ATF_01	activating transcription factor	1	0	V\$HOXA1_01	HOXA1	23	0
V\$HOXA9_01	hoxa9	23	0	V\$CACCCBINDINGF				V\$HOXA2_01	HoxA2	23	0
V\$HOXB13_01	HOXB13	23	0	ACTOR_Q6	CACCC-binding factor cut-like homeodomain protein	1	0	V\$HOXA3_01	HOXA3 (homeobox cluster protein)	23	0
V\$HOXB3_01	HOXB3	23	0	V\$CDP_01	cut-like homeodomain protein	1	0	V\$HOXA4_01	HOXA4	23	0
V\$HOXB4_01	HOXB4	23	0	V\$CDPCR3HD_01	CCAAT/enhancer binding protein	1	0	V\$HOXA6_01	HOXA6	23	0
V\$HOXB5_01	HoxB5	23	0	V\$CEBP_01	CCAAT/enhancer binding protein beta	1	0	V\$HOXA7_02	HOXA7	23	0
V\$HOXB6_01	HOXB6	23	0	V\$CEBPB_01	binding protein beta	1	0	V\$HOXA9_01	hoxa9	23	0
V\$HOXB7_01	HOXB7	23	0	V\$CEBPE_01	cebpe	1	0	V\$HOXB13_01	HOXB13	23	0
V\$HOXB8_01	HOXB8	23	0	V\$CHOP_01	heterodimers of CHOP and C/EBPalpha	1	0	V\$HOXB3_01	HOXB3	23	0
V\$HOXB9_01	HOXB9	23	0	V\$CMYC_02	c-Myc heterodimer (with a 26-29 kDa factor)	1	0	V\$HOXB4_01	HOXB4	23	0
V\$HOXC10_01	HOXC10	23	0	V\$CP2_01	CP2	1	0	V\$HOXB5_01	HoxB5	23	0
V\$HOXC11_01	HOXC11	23	0	V\$CREB_01	cAMP-responsive element binding protein	1	0	V\$HOXB6_01	HOXB6	23	0
V\$HOXC12_01	HOXC12	23	0	V\$CREBP1_Q2	CRE-binding protein 1	1	0	V\$HOXB7_01	HOXB7	23	0
V\$HOXC13_01	HOXC13	23	0	V\$CREL_01	c-Rel	1	0	V\$HOXB8_01	HOXB8	23	0
V\$HOXC4_01	HOXC4	23	0	V\$CTCF_02	CCCTC-binding factor	1	0	V\$HOXB9_01	HOXB9	23	0
V\$HOXC5_01	HOXC5	23	0	V\$DAX1_01	Dax1	1	0	V\$HOXC10_01	HOXC10	23	0
V\$HOXC6_01	HOXC6	23	0	V\$E2A_Q6	E2A	1	0	V\$HOXC11_01	HOXC11	23	0
V\$HOXC8_01	HOXC-8	23	0	V\$E2F_Q6_01	E2F	1	0	V\$HOXC12_01	HOXC12	23	0
V\$HOXC9_01	HOXC9	23	0	V\$EBF_Q6	EBF	1	0	V\$HOXC13_01	HOXC13	23	0
V\$HOXD10_01	HOXD10	23	0	V\$ETS1_B	c-ETS-1 binding site	1	0	V\$HOXC4_01	HOXC4	23	0
V\$HOXD11_01	HOXD11	23	0	V\$FXR_IR1_Q6	FXR inverted repeat 1	1	0	V\$HOXC5_01	HOXC5	23	0
V\$HOXD12_01	HOXD12	23	0	V\$GABPALPHA_Q4	GABP-alpha	1	0	V\$HOXC6_01	HOXC6	23	0
V\$HOXD13_01	HOXD13	23	0	V\$GADP_01	Growth-associated binding protein	1	0	V\$HOXC8_01	HOXC-8	23	0
V\$HOXD1_01	HOXD1	23	0	V\$GAF_Q6	GAF	1	0	V\$HOXC9_01	HOXC9	23	0
V\$HOXD3_01	HOXD3	23	0	V\$HELIOSA_02	Helios A	1	0	V\$HOXD10_01	HOXD10	23	0
V\$HOXD8_01	HOXD8	23	0	V\$HIF2A_01	HIF-2alpha	1	0	V\$HOXD11_01	HOXD11	23	0
V\$IPF1_05	homeobox transcription factor Pdx-1	23	0	V\$HMX1_01	H6 homeobox 3	1	0	V\$HOXD12_01	HOXD12	23	0
V\$IRF3_Q3	IRF3	23	0	V\$HNF4_01_B	Hepatocyte nuclear factor 4	1	0	V\$HOXD13_01	HOXD13	23	0
V\$IRF_Q6	IRF	23	0	V\$IRF3_Q3	IRF3	1	0	V\$HOXD1_01	HOXD1	23	0
				V\$IRF7_01	interferon regulatory factor 7	1	0				

V\$IRX2_01	Irx2	23	0	V\$IRF_Q6	IRF	1	0	V\$HOXD3_01	HOXD3	23	0
V\$IRX3_01	Irx-3	23	0	V\$KAISO_01	KAISO	1	0	V\$HOXD8_01	HOXD8 homeobox transcription factor	23	0
V\$IRX4_01	IRX4	23	0	V\$LEF1_Q2	LEF1	1	0	V\$IPF1_05	Pdx-1	23	0
V\$IRX5_01	Irx5	23	0	V\$LEF1TCF1_Q4	LEF1, TCF1 complex of Lmo2 bound to Tal-1, E2A proteins, and GATA-1, half-site 1	1	0	V\$IRF3_Q3	IRF3	23	0
V\$IRXB3_01	IRXB3	23	0	V\$LMO2COM_01	half-site 1	1	0	V\$IRF7_01	interferon regulatory factor 7	23	0
V\$ISL2_01	Isl2	23	0	V\$LTF_Q6	LTF	1	0	V\$IRF_Q6	IRF	23	0
V\$ISX_01	isx	23	0	V\$MAF_Q6	MAF	1	0	V\$IRX2_01	Irx2	23	0
V\$K2B_01	K-2b	23	0	V\$MAFA_Q4_01	MAFA	1	0	V\$IRX3_01	Irx-3	23	0
V\$KROX_Q6	KROX	23	0	V\$MAZ_Q6	MAZ MIBP-1 / RFX1 complex	1	0	V\$IRX4_01	IRX4	23	0
V\$Lbx2_01	Lbx2	23	0	V\$MIF1_01	complex	1	0	V\$IRX5_01	Irx5	23	0
V\$LH2_01	LH-2	23	0	V\$MYOGENIN_Q6	myogenin myogenin / nuclear factor 1 or related factors	1	0	V\$IRXB3_01	IRXB3	23	0
V\$LHX3_02	Lhx3	23	0	V\$MYOGNF1_01	factors	1	0	V\$ISL2_01	Isl2	23	0
V\$LHX4_01	Lhx4	23	0	V\$NEUROD_01	Neuro D	1	0	V\$ISX_01	isx	23	0
V\$LHX5_01	Lhx5	23	0	V\$NF1_Q6	nuclear factor 1	1	0	V\$K2B_01	K-2b	23	0
V\$LHX61_01	lhx6.1	23	0	V\$NFAT1_Q6	NFAT1	1	0	V\$KROX_Q6	KROX	23	0
V\$LHX8_01	Lhx8	23	0	V\$NFAT2_01	NF-AT2	1	0	V\$Lbx2_01	Lbx2	23	0
V\$LHX9_01	Lhx9	23	0	V\$NFAT_Q4_01	NF-AT	1	0	V\$LH2_01	LH-2	23	0
V\$Lim1_01	Lim-1	23	0	V\$NFKAPPAB50_01	NF-kappaB (p50)	1	0	V\$LHX3_02	Lhx3	23	0
V\$LMX1_01	Lmx-1	23	0	V\$NFKAPPAB65_01	NF-kappaB (p65)	1	0	V\$LHX4_01	Lhx4	23	0
V\$LMX1B_01	lmx1b	23	0	V\$NFKAPPAB_01	NF-kappaB nuclear factor Y (Y- box binding factor) homeo domain factor Nkx-2.5/Csx, tinman homolog	1	0	V\$LHX5_01	Lhx5	23	0
V\$MAZ_Q6	MAZ	23	0	V\$NFY_01	nuclear factor Y (Y- box binding factor) homeo domain factor Nkx-2.5/Csx, tinman homolog	1	0	V\$LHX61_01	lhx6.1	23	0
V\$MEF2_Q6_01	MEF-2	23	0	V\$NKX25_02	homolog	1	0	V\$LHX8_01	Lhx8	23	0
V\$MEIS1_02	Meis1	23	0	V\$NMYC_01	N-Myc	1	0	V\$LHX9_01	Lhx9	23	0
V\$MEIS2_01	Meis2 myocyte enhancer factor	23	0	V\$NRSE_B	neural-restrictive- silencer-element	1	0	V\$Lim1_01	Lim-1	23	0
V\$MMEF2_Q6	factor	23	0	V\$NRSF_Q4	NRSF	1	0	V\$LMX1_01	Lmx-1	23	0
V\$MOX1_01	Mox1	23	0	V\$OCT4_01	Sox2-Oct4 joint motif, in silico predicted	1	0	V\$LMX1B_01	lmx1b	23	0
V\$MRG2_01	MRG2 msh-like (muscle segment homeobox)	23	0	V\$OCT_C	Octamer binding site	1	0	V\$MAZ_Q6	MAZ	23	0
V\$MSX1_01	homeobox protein 1	23	0	V\$OSF2_Q6	Osf2	1	0	V\$MEF2_Q6_01	MEF-2	23	0
V\$MSX2_01	Msx-2	23	0	V\$P300_01	p300	1	0	V\$MEIS1_02	Meis1	23	0

V\$MSX3_01	Msx-3	23	0	V\$P50RELAP65_Q5_01	P50:RELA-P65	1	0	V\$MEIS2_01	Meis2	23	0
V\$NCX_02	Ncx	23	0	V\$P53_01	tumor suppressor p53	1	0	V\$MMEF2_Q6	myocyte enhancer factor	23	0
V\$NFAT1_Q6	NFAT1	23	0	V\$P63_01	p63	1	0	V\$MOX1_01	Mox1	23	0
V\$NFAT2_Q5	NF-AT2	23	0	V\$PBX1_02	homeo domain factor Pbx-1	1	0	V\$MRG2_01	MRG2	23	0
V\$NFAT3_Q3	NFAT3	23	0	V\$PEA3_Q6	PEA3	1	0	V\$MSX1_01	msh-like (muscle segment homeobox) homeobox protein 1	23	0
V\$NFAT_Q6	Nuclear factor of activated T-cells nuclear factor Y (Y-box binding factor)	23	0	V\$PNR_01	PNR	1	0	V\$MSX2_01	Msx-2	23	0
V\$NFY_01		23	0	V\$POU5F1_01	POU5F1 b.s.	1	0	V\$MSX3_01	Msx-3	23	0
V\$NKX11_01	Nkx1-1	23	0	V\$PPAR_DR1_Q2	PPAR direct repeat 1	1	0	V\$NCX_01	Ncx	23	0
V\$NKX12_01	Nkx1-2	23	0	V\$PTF1BETA_Q6	PTF1-beta	1	0	V\$NFAT3_Q3	NFAT3	23	0
V\$NKX21_01	Nkx2-1	23	0	V\$PXR_Q2	half-site matrix	1	0	V\$NFAT_Q6	Nuclear factor of activated T-cells nuclear factor Y (Y-box binding factor)	23	0
V\$NKX22_02	NKX22	23	0	V\$RELBP52_01	kappaB site	1	0	V\$NFY_01		23	0
V\$NKX23_01	Nkx2-3	23	0	V\$REX1_02	REX1	1	0	V\$NKX11_01	Nkx1-1	23	0
V\$NKX24_01	Nkx2-4	23	0	V\$RFX1_01	X-box binding protein RFX1	1	0	V\$NKX12_01	Nkx1-2	23	0
V\$NKX25_03	NKX25	23	0	V\$RFX3_01	RFX3 dimer	1	0	V\$NKX21_01	Nkx2-1	23	0
V\$NKX26_01	Nkx2-6	23	0	V\$RFX_Q6	RFX	1	0	V\$NKX22_02	NKX22	23	0
V\$NKX29_01	Nkx2-9	23	0	V\$ROAZ_01	rat Olf-1/EBF-associated zinc finger protein	1	0	V\$NKX23_01	Nkx2-3	23	0
V\$NKX32_02	Nkx3-2	23	0	V\$RORBETA_Q2	RORBETA	1	0	V\$NKX24_01	Nkx2-4	23	0
V\$NKX3A_02	Nkx3A	23	0	V\$SF1_Q6	SF1	1	0	V\$NKX25_02	homeo domain factor Nkx-2.5/Csx, tinman homolog	23	0
V\$NKX52_01	Nkx5-2	23	0	V\$SMAD3_Q6	SMAD3	1	0	V\$NKX26_01	Nkx2-6	23	0
V\$NKX61_02	NKX6.1	23	0	V\$SOX_01	SOX	1	0	V\$NKX29_01	Nkx2-9	23	0
V\$NKX62_Q2	NK related homeobox factor 6-2	23	0	V\$SP3_Q3	Sp3	1	0	V\$NKX32_02	Nkx3-2	23	0
V\$NKX63_01	Nkx6-3	23	0	V\$SPIB_01	SPI-B	1	0	V\$NKX3A_02	Nkx3A	23	0
V\$NRF2_01	nuclear respiratory factor 2	23	0	V\$STAT4_01	signal transducer and activator of transcription 4	1	0	V\$NKX52_01	Nkx5-2	23	0
V\$OBOX1_01	Obox1	23	0	V\$STAT5A_01	signal transducer and activator of transcription 5a	1	0	V\$NKX61_01	NKX6-1	23	0
V\$OBOX2_01	Obox2	23	0	V\$STAT5B_01	signal transducer and activator of transcription 5b	1	0	V\$NKX62_Q2	NK related homeobox factor 6-2	23	0
V\$OBOX3_01	Obox3	23	0	V\$STRA13_01	Stra13	1	0	V\$NKX63_01	Nkx6-3	23	0
V\$OBOX5_01	Obox5	23	0	V\$TAL1_01	Tal-1 (Scf)	1	0	V\$NRF1_Q6	nuclear respiratory	23	0

V\$OBOX6_01	Obox6	23	0	V\$TCF4_03	Tcf-4 dimer	1	0	V\$NRF2_01	factor 1 nuclear respiratory factor 2	23	0
V\$OCT1_03	octamer factor 1	23	0	V\$TTF1_Q6	TTF-1 (Nkx2-1)	1	0	V\$OBOX1_01	Obox1	23	0
V\$OCT2_01	2-Oct	23	0	V\$UF1H3BETA_Q6	UF1H3BETA winged-helix factor nude	1	0	V\$OBOX2_01	Obox2	23	0
V\$OCT_Q6	Octamer	23	0	V\$WHN_B	X-box-binding protein 1	1	0	V\$OBOX3_01	Obox3	23	0
V\$OCTAMER_01	Octamer	23	0	V\$XBP1_01	1	1	0	V\$OBOX5_01	Obox5	23	0
V\$OG2_02	OG-2	23	0	V\$ZFP281_01	Zfp281	1	0	V\$OBOX6_01	Obox6	23	0
V\$OTP_01	OTP	23	0	MA0003.1	TFAP2A	1	1	V\$OCT1_03	octamer factor 1	23	0
V\$OTX1_01	Otx1	23	0	MA0004.1	Arnt	1	1	V\$OCT2_01	2-Oct	23	0
V\$OTX2_01	Otx2	23	0	MA0116.1	Zfp423	1	1	V\$OCT_Q6	Octamer	23	0
V\$OTX3_01	Otx3	23	0	MA0149.1	EWSR1-FLI1	1	1	V\$OCTAMER_01	Octamer	23	0
V\$P53_03	tumor suppressor p53	23	0	V\$AP2ALPHA_01	AP-2alpha	1	1	V\$OG2_02	OG-2	23	0
V\$PARP_Q3	PARP	23	0	V\$BRACH_01	Brachyury CIZ (Cas-associated zinc finger protein)	1	1	V\$OTP_01	OTP	23	0
V\$PAX2_01	Pax-2	23	0	V\$CIZ_01	1	1	1	V\$OTX1_01	Otx1	23	0
V\$PAX6_02	pax6	23	0	V\$CKROX_Q2	CKROX	1	1	V\$OTX2_01	Otx2	23	0
V\$PAX7_01	Pax-7	23	0	V\$CREBATF_Q6	CREB, ATF	1	1	V\$OTX3_01	Otx3	23	0
V\$PAX8_01	Pax-8 binding sites	23	0	V\$DMRT4_01	DMRT4	1	1	V\$OTX_Q1	OTX	23	0
V\$PBX1_01	Pbx-1	23	0	V\$E2F1_Q4_01	E2F-1	1	1	V\$P53_03	tumor suppressor p53	23	0
V\$PEA3_Q6	PEA3	23	0	V\$GABP_B	GA binding protein	1	1	V\$PARP_Q3	PARP	23	0
V\$PIT1_01	Pit-1	23	0	V\$HTF_01	HTF myogenic MADS factor	1	1	V\$PAX2_01	Pax-2	23	0
V\$PITX1_01	Pitx1	23	0	V\$MEF2_03	MEF-2	1	1	V\$PAX6_02	pax6	23	0
V\$PITX2_01	PITX2	23	0	V\$NFAT3_Q3	NFAT3	1	1	V\$PAX7_01	Pax-7	23	0
V\$PKNOX2_01	PKNOX2	23	0	V\$SOX9_Q4	SOX9	1	1	V\$PAX8_01	Pax-8 binding sites	23	0
V\$PMX2A_01	PMX2A	23	0	V\$CNOT3_01	CNOT3	1	2	V\$PBX1_01	Pbx-1	23	0
V\$PMX2B_01	PMX2B	23	0	V\$HOXA7_01	HOXA7	1	2	V\$PIT1_01	Pit-1	23	0
V\$POU2F3_01	POU2F3	23	0	V\$POU6F1_01	POU6F1	1	2	V\$PITX1_01	Pitx1	23	0
V\$POU6F1_02	POU6F1	23	0	MA0017.1	NR2F1	0	1	V\$PITX2_01	PITX2	23	0
V\$PREP1_01	PREP1	23	0	MA0019.1	Ddit3::Cebpa	0	1	V\$PITX3_01	Pitx3	23	0
V\$PROP1_02	Prop-1	23	0	MA0029.1	Evi1	0	1	V\$PKNOX2_01	PKNOX2	23	0
V\$PSX1_01	PSX1	23	0	MA0032.1	FOXC1	0	1	V\$PMX2A_01	PMX2A	23	0
V\$RAX_01	rax	23	0	MA0038.1	Gfi	0	1	V\$PMX2B_01	PMX2B	23	0
V\$RHGX11_01	Rhox11	23	0	MA0063.1	Nkx2-5	0	1	V\$POU2F3_01	POU2F3	23	0
V\$S8_02	S8	23	0	MA0073.1	RREB1	0	1	V\$POU6F1_02	POU6F1	23	0
V\$SATB1_01	Consensus SATB1 Binding Sequence	23	0	MA0075.1	Prrx2	0	1	V\$PREP1_01	PREP1	23	0
V\$SHOX2_01	Shox2	23	0	MA0084.1	SRY	0	1	V\$PROP1_02	Prop-1	23	0

V\$SIX1_01	Six-1	23	0	MA0113.1	NR3C1	0	1	V\$PSX1_01	PSX1	23	0
V\$SIX2_01	Six-2	23	0	MA0114.1	HN4A	0	1	V\$PXRXR_01	RXR half-site	23	0
V\$SIX3_01	Six-3	23	0	MA0115.1	NR1H2::RXRA	0	1	V\$RAX_01	rax	23	0
V\$SIX4_01	six4	23	0	MA0124.1	NKX3-1	0	1	V\$RHGX11_01	Rhox11	23	0
V\$SIX6_01	Six-6	23	0	MA0131.1	MIZF	0	1	V\$S8_02	S8	23	0
V\$SOX4_01	SOX4	23	0	MA0143.1	Sox2	0	1	V\$SAP1A_01	SAP-1a	23	0
V\$SOX_Q6	SOX	23	0	MA0158.1	HOXA5	0	1	V\$SATB1_01	Consensus SATB1 Binding Sequence	23	0
V\$SP1_02	Sp1 b.s.	23	0	MA0160.1	NR4A2	0	1	V\$SHOX2_01	Shox2	23	0
V\$SP1SP3_Q4	SP1:SP3	23	0	I\$ANTP_Q6_01	Antp	0	1	V\$SIX1_01	Six-1	23	0
V\$SP2_01	SP2	23	0	V\$AHR_Q5	aryl hydrocarbon / dioxin receptor	0	1	V\$SIX2_01	Six-2	23	0
V\$SP4_Q5	SP4	23	0	V\$AP3_Q6	AP-3	0	1	V\$SIX3_01	Six-3	23	0
V\$STAT1_02	signal transducer and activator of transcription 1	23	0	V\$AREB6_04	AREB6 (Atp1a1 regulatory element binding factor 6)	0	1	V\$SIX4_01	six4	23	0
V\$STAT1STAT1_Q3	STAT1:STAT1 signal transducer and activator of transcription 3	23	0	V\$ARP1_01	apolipoprotein AI regulatory protein 1	0	1	V\$SIX6_01	Six-6	23	0
V\$STAT3_02	signal transducer and activator of transcription 4	23	0	V\$CDC5_01	cell division control protein 5	0	1	V\$SOX2_Q6	SOX2	23	0
V\$STAT4_01	signal transducer and activator of transcription 5a	23	0	V\$CDPCR3_01	cut-like homeodomain protein	0	1	V\$SOX4_01	SOX4	23	0
V\$STAT5A_03	signal transducer and activator of transcription 6	23	0	V\$CHCH_01	Churchill	0	1	V\$SOX_Q6	SOX	23	0
V\$STAT6_01	cellular and viral	23	0	V\$CLOCKBMAL_Q6	CLOCK:BMAL	0	1	V\$SP1_02	Sp1 b.s.	23	0
V\$TATA_01	TATA box elements	23	0	V\$COUPTF_Q6	COUPTF	0	1	V\$SP1SP3_Q4	SP1:SP3	23	0
V\$TCF4_01	TCF-4	23	0	V\$CRX_Q4_01	CRX	0	1	V\$SP2_01	SP2	23	0
V\$TEF_Q6	TEF	23	0	V\$DMRT1_01	DMRT1	0	1	V\$SP4_Q5	SP4	23	0
V\$TGIF2_01	TGIF2	23	0	V\$DMRT5_01	DMRT5	0	1	V\$STAT1_02	signal transducer and activator of transcription 1	23	0
V\$TGIF_02	TGIF1	23	0	V\$E2F4DP1_01	E2F-4:DP-1 heterodimer	0	1	V\$STAT1STAT1_Q3	STAT1:STAT1 signal transducer and activator of transcription 3	23	0
V\$TST1_01	POU-factor Tst-1/Oct- 6	23	0	V\$EGR2_01	Egr-2/Krox-20 early growth response gene product	0	1	V\$STAT3_02	signal transducer and activator of transcription 4	23	0
V\$UNCX4.1_01	Uncx-4.1	23	0	V\$EGR3_01	early growth response gene 3 product	0	1	V\$STAT4_01	signal transducer and activator of transcription 5a	23	0
V\$VAX1_01	Vax-1	23	0	V\$EGR_Q6	Egr	0	1	V\$STAT5A_03	transcription 5a	23	0

V\$VAX2_01	Vax-2	23	0	V\$EN1_01	engrailed 1	0	1	V\$STAT6_01	signal transducer and activator of transcription 6	23	0
V\$VSX1_01	Vsx1	23	0	V\$FOXJ3_01	foxj3	0	1	V\$TATA_01	cellular and viral TATA box elements	23	0
V\$ZFP206_01	Zfp206	23	0	V\$FREAC2_01	Fork head Related Activator-2	0	1	V\$TCF4_01	TCF-4	23	0
MA0046.1	HNF1A	22	0	V\$GATA1_07	GATA-1	0	1	V\$TEF_Q6	TEF	23	0
MA0063.1	Nkx2-5	22	0	V\$GATA6_01	GATA-6	0	1	V\$TGIF2_01	TGIF2	23	0
MA0076.1	ELK4	22	0	V\$GRE_C	Glucocorticoid response element	0	1	V\$TGIF_02	TGIF1	23	0
MA0113.1	NR3C1	22	0	V\$HAND1E47_01	Hand1:E47 heterodimer	0	1	V\$TST1_01	POU-factor Tst-1/Oct-6	23	0
MA0143.1	Sox2	22	0	V\$HFH1_01	HNF-3/Fkh Homolog 1	0	1	V\$UNCX4.1_01	Uncx-4.1	23	0
MA0152.1	NFATC2	22	0	V\$HIF1_Q5	hypoxia-inducible factor 1	0	1	V\$VAX1_01	Vax-1	23	0
V\$ALPHACP1_01	alpha-CP1	22	0	V\$HOXA4_Q2	HOXA4	0	1	V\$VAX2_01	Vax-2	23	0
V\$AP2_Q6	activator protein 2	22	0	V\$HSF2_Q3	HSF2	0	1	V\$VSX1_01	Vsx1	23	0
V\$BEN_01	BEN	22	0	V\$IK2_01	Ikaros 2	0	1	V\$ZFP206_01	Zfp206	23	0
V\$BLIMP1_Q6	BLIMP1	22	0	V\$IRF8_Q6	IRF8	0	1	MA0040.1	Foxq1	22	0
V\$CREBATF_Q6	CREB, ATF	22	0	V\$ISL1_Q6	ISL1	0	1	MA0046.1	HNF1A	22	0
V\$EHF_01	EHF	22	0	V\$KROX_Q6	KROX	0	1	MA0081.1	SPIB	22	0
V\$ETS2_B	c-Ets-2 binding sites ectopic viral integration site 1	22	0	V\$LXR_DR4_Q3	LXR direct repeat 4	0	1	MA0143.1	Sox2	22	0
V\$EVI1_04	encoded factor	22	0	V\$mTERF_01	mTERF binding site	0	1	MA0152.1	NFATC2	22	0
V\$FOXO1_02	fork head box O1	22	0	V\$MYCMAX_Q3	c-Myc:Max heterodimer	0	1	V\$AFP1_Q6	AFP1	22	0
V\$FOXO3_01	fork head box O3	22	0	V\$NANOG_Q2	Nanog	0	1	V\$BEN_01	BEN	22	0
V\$GAF_Q6	GAF	22	0	V\$NFMUE1_Q6	NF-muE1	0	1	V\$CHCH_01	Churchill	22	0
V\$HNF3_Q6_01	HNF3	22	0	V\$NGFIC_Q1	nerve growth factor-induced protein C	0	1	V\$CREBATF_Q6	CREB, ATF	22	0
V\$HNF3B_01	Hepatocyte Nuclear Factor 3beta	22	0	V\$NKX61_01	NKX6-1	0	1	V\$E2F4DP2_01	E2F-4:DP-2 heterodimer	22	0
V\$ICSBP_Q6	ICSBP	22	0	V\$NURR1_Q3	NURR1	0	1	V\$EHF_01	EHF	22	0
V\$IRF7_01	interferon regulatory factor 7	22	0	V\$OG2_01	OG-2	0	1	V\$ETS_Q4	Ets	22	0
V\$NRF1_Q6	nuclear respiratory factor 1	22	0	V\$PAX2_Q2	paired box factor 2	0	1	V\$ETS_Q4	ectopic viral integration site 1	22	0
V\$PITX3_01	Pitx3	22	0	V\$PAX4_Q2	Pax-4 binding sites	0	1	V\$EVI1_04	encoded factor	22	0
V\$PU1_Q4	PU.1	22	0	V\$PIT1_Q6	Pit-1	0	1	V\$FLI1_Q6	FLI1	22	0
V\$PXRXR_01	RXR half-site	22	0	V\$POU3F2_Q2	Pit-1	0	1	V\$FOXJ2_Q2	fork head box J 2	22	0
V\$SIRT6_01	SIRT6	22	0	V\$RNF96_01	POU3F2	0	1	V\$FOXO1_02	fork head box O1	22	0
								V\$FREAC7_01	Fork head Related Activator-7	22	0

V\$TR4_01	TR4	22	0	V\$RP58_01	58 KDA repressor protein	0	1	V\$GAF_Q6	GAF	22	0
MA0033.1	FOXL1	21	0	V\$S8_01	S8	0	1	V\$HBP1_Q2	hbp1	22	0
MA0038.1	Gfi	21	0	V\$SATB1_Q3	SATB1	0	1	V\$HNF3_Q6_01	HNF3	22	0
MA0139.1	CTCF	21	0	V\$SIRT6_01	SIRT6	0	1	V\$HNF3B_01	Hepatocyte Nuclear Factor 3beta	22	0
V\$AFP1_Q6	AFP1	21	0	V\$SOX5_01	Sox-5	0	1	V\$HP1SITEFACTOR_Q6	HP1 site factor	22	0
V\$ATF_B	ATF binding site	21	0	V\$SPZ1_01	spermatogenic Zip	0	1	V\$ICSBP_Q6	ICSBP	22	0
V\$CEBPGAMMA_Q6	C/EBPgamma	21	0	V\$STAT1STAT1_Q3	STAT1:STAT1	0	1	V\$NANOG_02	Nanog	22	0
V\$CHCH_01	Churchill	21	0	V\$SZF11_01	SZF1-1	0	1	V\$NFAT1_Q6	NFAT1	22	0
V\$COMP1_01	COMP1	21	0	V\$TATA_C	Retroviral TATA box	0	1	V\$NFAT2_Q5	NF-AT2	22	0
V\$CREB_01	cAMP-responsive element binding protein	21	0	V\$TBP_Q6	TBP	0	1	V\$PEA3_Q6	PEA3	22	0
V\$CREBP1CJUN_01	CRE-binding protein 1:c-Jun heterodimer	21	0	V\$TBX18_01	T-box 18	0	1	V\$POU1F1_Q6	POU1F1	22	0
V\$E2F1DP1_01	E2F-1:DP-1 heterodimer	21	0	V\$TBX22_01	TBX22	0	1	V\$PU1_Q4	PU.1	22	0
V\$EGR_Q6	Egr	21	0	V\$TBX5_02	TBX5	0	1	V\$RNF96_01	RNF96	22	0
V\$FOXO3A_Q1	FOXO3A	21	0	V\$USF2_Q6	USF2	0	1	V\$STAT3STAT3_Q3	STAT3:STAT3	22	0
V\$HBP1_Q2	hbp1	21	0	V\$VBP_01	PAR-type chicken vitellogenin promoter-binding protein	0	1	MA0033.1	FOXL1	21	0
V\$HFH1_01	HNF-3/Fkh Homolog 1	21	0	V\$ZF5_01	ZF5	0	1	MA0038.1	Gfi	21	0
V\$HNF6_Q6	HNF6	21	0	V\$ZFX_01	Zfx	0	1	MA0051.1	IRF2	21	0
V\$HP1SITEFACTOR_Q6	HP1 site factor	21	0	V\$ZIC1_01	zinc finger protein of the cerebellum 1	0	1	MA0113.1	NR3C1	21	0
V\$NANOG_02	Nanog	21	0	MA0033.1	FOXL1	0	2	MA0139.1	CTCF	21	0
V\$OCT4_01	Sox2-Oct4 joint motif, in silico predicted	21	0	MA0052.1	MEF2A	0	2	MA0156.1	FEV	21	0
V\$OTX_Q1	OTX	21	0	V\$BCL6_01	BCL6	0	2	V\$ALPHACP1_01	alpha-CP1	21	0
V\$POU1F1_Q6	POU1F1	21	0	V\$BDP1_01	BDP1	0	2	V\$ATF_B	ATF binding site	21	0
V\$STAT3STAT3_Q3	STAT3:STAT3	21	0	V\$CACBINDINGPROTEIN_Q6	CAC-binding protein	0	2	V\$BLIMP1_Q6	BLIMP1	21	0
V\$UF1H3BETA_Q6	UF1H3BETA	21	0	V\$CMYB_01	c-Myb	0	2	V\$BRCA_01	BRCA1 containing protein complex with USF2	21	0
V\$YY1_01	Yin and Yang 1	21	0	V\$FAC1_01	fetal Alz-50 clone 1	0	2	V\$CEBPB_01	CCAAT/enhancer binding protein beta	21	0
V\$ZFP281_01	Zfp281	21	0	V\$FOXO1_Q5	FOXO1	0	2	V\$COMP1_01	COMP1	21	0
MA0027.1	En1	20	0	V\$FOXO4_02	fork head box O4	0	2	V\$E2F1DP1RB_01	Rb:E2F-1:DP-1 trimeric complex	21	0
MA0031.1	FOXD1	20	0	V\$FOXP1_01	FOXP1	0	2	V\$E2F1DP2_01	E2F-1:DP-2 heterodimer	21	0
MA0040.1	Foxq1	20	0	V\$GTF2IRD1_01	GTF2IRD1-isoform2	0	2	V\$E2F4DP1_01	E2F-4:DP-1 heterodimer	21	0

MA0050.1	IRF1	20	0	V\$GZF1_01	plays a role in renal branching morphogenesis	0	2	V\$EGR_Q6	Egr	21	0
MA0051.1	IRF2	20	0	V\$HES1_Q2	HES1	0	2	V\$ETS2_Q6	ETS2	21	0
MA0158.1	HOXA5	20	0	V\$HNF8_01	HNF-3/Fkh Homolog-8	0	2	V\$FOXO3A_Q1	FOXO3A	21	0
V\$AIRE_01	AIRE	20	0	V\$HNF3ALPHA_Q6	HNF3alpha	0	2	V\$GATA3_03	GATA-binding factor 3	21	0
V\$BRCA_01	BRCA1 containing protein complex with USF2	20	0	V\$HOXA13_01	HOXA13 binding site	0	2	V\$HNF6_Q6	HNF6	21	0
V\$E2F1DP2_01	E2F-1:DP-2 heterodimer	20	0	V\$LUN1_01	LUN-1	0	2	V\$OCT4_01	Sox2-Oct4 joint motif, in silico predicted	21	0
V\$E2F4DP2_01	E2F-4:DP-2 heterodimer	20	0	V\$MECP2_01	MECP2 b.s.	0	2	V\$POU5F1_01	POU5F1 b.s.	21	0
V\$FAC1_01	fetal Alz-50 clone 1	20	0	V\$OTX2_Q3	OTX2	0	2	V\$SIRT6_01	SIRT6	21	0
V\$FOXJ2_02	fork head box J 2 Zinc finger protein FPM315 with KRAB and SCAN domains	20	0	V\$PITX2_Q2	pituitary homeobox factor 2	0	2	V\$SOX9_B1	SOX (SRY-related HMG box)	21	0
V\$FPM315_01	Fork head RElated	20	0	V\$RSRFC4_01	related to serum response factor, C4	0	2	V\$ZF5_01	ZF5	21	0
V\$FREAC2_01	ACTivator-2 Fork head RElated	20	0	V\$SMAD1_01	SMAD1	0	2	MA0018.2	CREB1	20	0
V\$FREAC7_01	ACTivator-7	20	0	V\$YY1_Q6	YY1	0	2	MA0030.1	FOXF2	20	0
V\$GATA4_Q3	GATA-4	20	0	V\$YY2	YY2	0	2	MA0050.1	IRF1	20	0
V\$GKLF_02	GKLF (KLF4)	20	0	V\$ZNF333_01	ZNF333	0	2	I\$ANTP_Q6_01	Antp	20	0
V\$ISRE_01	interferon-stimulated response element	20	0	V\$BRF1_01	BRF-1	0	3	V\$AREB6_04	AREB6 (Atp1a1 regulatory element binding factor 6)	20	0
V\$POU3F2_02	POU3F2	20	0	V\$FOXD3_01	fork head box D3	0	3	V\$DMRT7_01	DMRT7	20	0
V\$POU5F1_01	POU5F1 b.s.	20	0	V\$FOXJ2_02	fork head box J 2	0	3	V\$FAC1_01	fetal Alz-50 clone 1 Fork head RElated	20	0
V\$PTF1BETA_Q6	PTF1-beta	20	0	V\$FOXO3A_Q1	FOXO3A	0	3	V\$FREAC2_01	ACTivator-2 HNF-3/Fkh Homolog	20	0
V\$RNF96_01	RNF96	20	0	V\$FREAC7_01	Fork head RElated ACTivator-7	0	3	V\$HNF1_01	1	20	0
V\$SOX9_B1	SOX (SRY-related HMG box)	20	0	V\$HNF3_Q6_01	HNF3	0	3	V\$ISRE_01	interferon-stimulated response element	20	0
V\$STAT_01	signal transducers and activators of transcription	20	0	MA0042.1	FOXI1	0	4	V\$POU3F2_02	POU3F2	20	0
V\$TEL2_Q6	Tel-2	20	0	V\$HFH3_01	HFH-3 (HNF3/fork head homolog 3)	0	4	V\$PTF1BETA_Q6	PTF1-beta signal transducers and activators of transcription	20	0
V\$TFIIA_Q6	TFIIA	20	0	V\$HFH4_01	HFH4 (FOXJ1)	0	4	V\$STAT_01		20	0
MA0018.2	CREB1	19	0	V\$MEF2C_01	MEF-2C	0	4	V\$TFIIA_Q6	TFIIA	20	0
MA0030.1	FOXF2	19	0	MA0041.1	Foxd3	0	5	V\$TR4_01	TR4	20	0
MA0142.1	Pou5f1	19	0	V\$RPC155_01	RPC155	0	5	V\$UF1H3BETA_Q6	UF1H3BETA	20	0

V\$ANTP_Q6_01	Antp activating transcription factor 3	19	0	V\$FOX_Q2	FOX factors	0	6	V\$YY1_01	Yin and Yang 1	20	0
V\$ATF3_Q6	transcription factor 3	19	0					MA0031.1	FOXD1	19	0
V\$CREBP1_Q2	CRE-binding protein 1	19	0					V\$AIRE_01	AIRE	19	0
V\$DMRT7_01	DMRT7	19	0					V\$ATF1_Q6	ATF1	19	0
V\$E2F1DP1RB_01	Rb:E2F-1:DP-1 trimeric complex	19	0					V\$CREBP1_Q2	CRE-binding protein 1	19	0
V\$E2F4DP1_01	E2F-4:DP-1 heterodimer	19	0					V\$EFC_Q6	RFX1 (EF-C)	19	0
V\$ESE1_Q3	ESE1	19	0					V\$HNF3ALPHA_Q6	HNF3alpha	19	0
V\$FREAC3_01	Fork head RElated ACTivator-3 growth factor independence 1	19	0					V\$IRF8_Q6	IRF8	19	0
V\$GFI1_01	independence 1	19	0					V\$ISL1_Q6	ISL1	19	0
V\$HNF3ALPHA_Q6	HNF3alpha	19	0					V\$SOX5_01	Sox-5	19	0
V\$IRF8_Q6	IRF8	19	0					V\$TEL2_Q6	Tel-2	19	0
V\$SAP1A_01	SAP-1a	19	0					V\$ZFP281_01	Zfp281	19	0
V\$SMAD1_01	SMAD1	19	0					MA0075.1	Prrx2	18	0
V\$SOX5_01	Sox-5	19	0						activating transcription factor 3	18	0
MA0101.1	REL	18	0					V\$FOX_Q2	FOX factors	18	0
V\$AREB6_04	AREB6 (Atp1a1 regulatory element binding factor 6)	18	0						Fork head RElated ACTivator-3	18	0
V\$GATA3_03	GATA-binding factor 3 myocyte enhancer factor	18	0					V\$FREAC3_01	ACTivator-3	18	0
V\$HMEF2_Q6	factor	18	0					V\$GATA4_Q3	GATA-4 growth factor independence 1	18	0
V\$TFEB_01	TFEB	18	0					V\$GFI1_01	independence 1	18	0
MA0075.1	Prrx2	17	0					V\$HSF2_01	heat shock factor 2 modulator recognition factor 2	18	0
V\$AP1_Q6	activator protein 1	17	0					V\$MRF2_01	factor 2	18	0
V\$ATF1_Q6	ATF1	17	0					V\$AR_Q2	androgen receptor	17	0
V\$HFH8_01	HNF-3/Fkh Homolog-8	17	0					V\$DMRT4_01	DMRT4	17	0
V\$TAL1_01	Tal-1 (Scl)	17	0					V\$FOXD3_01	fork head box D3 myocyte enhancer factor	17	0
MA0125.1	Nobox	16	0					V\$HMEF2_Q6	Se-Cys tRNA gene transcription activating factor	17	0
MA0135.1	Lhx3	16	0					V\$STAF_01	activating factor	17	0
MA0144.1	Stat3	16	0					V\$TFEB_01	TFEB	17	1
V\$CEBPE_01	cebpe	16	0					MA0109.1	Hltf	16	0
V\$CIZ_01	CIZ (Cas-associated zinc finger protein)	16	0					MA0125.1	Nobox	16	0
V\$EFC_Q6	RFX1 (EF-C)	16	0					MA0135.1	Lhx3	16	0
								MA0142.1	Pou5f1	16	0

V\$FOXJ3_01	foxj3	16	0	V\$CEBPE_01	cebpe	16	0
V\$HSF_Q6	HSF new ets-related factor	16	0	V\$CIZ_01	CIZ (Cas-associated zinc finger protein)	16	0
V\$NERF_Q2	1a	16	0	V\$FOXJ3_01	foxj3	16	0
V\$FOXD3_01	fork head box D3	16	1	V\$GATA_C	GATA binding site	16	0
V\$AR_Q6	half-site matrix	15	0	V\$HSF1_01	heat shock factor 1	16	0
V\$ATF5_01	ATF5 binding site	15	0	V\$RUSH1A_02	RUSH-1alpha	16	0
V\$FOX_Q2	FOX factors	15	0	V\$SMAD1_01	SMAD1	16	0
V\$FRA1_Q5	FRA1	15	0	MA0087.1	Sox5	15	0
V\$GATA_C	GATA binding site glucocorticoid	15	0	MA0101.1	REL	15	0
V\$GR_Q6	receptor	15	0	V\$ESE1_Q3	ESE1 Zinc finger protein FPM315 with KRAB and SCAN domains	15	0
V\$HSF1_01	heat shock factor 1	15	0	V\$FPM315_01		15	0
V\$HSF2_01	heat shock factor 2	15	0	V\$HNF4ALPHA_Q6	HNF4alpha	15	0
V\$KLF15_Q2	KLF15	15	0	V\$HSF_Q6	HSF X-box binding protein	15	0
V\$LEF1_Q2_01	LEF1	15	0	V\$RFX1_02	RFX1	15	0
V\$NFKB_Q6_01	NF-kappaB	15	0	V\$STRA13_01	Stra13 PAR-type chicken vitellogenin promoter- binding protein	15	0
V\$RFX1_02	X-box binding protein RFX1 Se-Cys tRNA gene transcription activating factor	15	0	V\$VBP_01		15	0
V\$STAF_01		15	0	MA0041.1	Foxd3	14	0
V\$STRA13_01	Stra13	15	0	V\$CEBPDELTA_Q6	C/EBPdelta HNF-3/Fkh Homolog- 8	14	0
MA0014.1	Pax5	14	0	V\$HFH8_01		14	0
V\$DMRT4_01	DMRT4	14	0	V\$IK1_01	Ikaros 1	14	0
V\$IK1_01	Ikaros 1 modulator recognition	14	0	V\$PLZF_02	PLZF	14	0
V\$MRF2_01	factor 2	14	0	V\$RFX3_01	RFX3 dimer	14	0
V\$RSRFC4_Q2	RSRFC4	14	0	V\$RSRFC4_Q2	RSRFC4	14	0
V\$WT1_Q6	WT1	14	0	MA0014.1	Pax5	13	0
V\$ZABC1_01	ZABC1 b.s.	14	0	MA0093.1	USF1	13	0
MA0042.1	FOXI1	13	0	V\$AP2GAMMA_01	AP-2gamma	13	0
MA0056.1	MZF1_1-4	13	0	V\$CREL_01	c-Rel	13	0
MA0087.1	Sox5	13	0	V\$GATA1_05	GATA-binding factor 1 glucocorticoid	13	0
MA0107.1	RELA	13	0	V\$GR_Q6	receptor hepatic nuclear factor	13	0
MA0148.1	FOXA1	13	0	V\$HNF4_01	4	13	0

V\$AP1FJ_Q2	activator protein 1	13	0	V\$ZNF333_01	ZNF333	13	0
V\$CREL_01	c-Rel	13	0	MA0004.1	Arnt	12	0
V\$HNF4_01	hepatic nuclear factor 4	13	0	MA0025.1	NFIL3	12	0
V\$ISL1_Q6	ISL1	13	0	MA0058.1	MAX	12	0
V\$NFKAPPAB65_01	NF-kappaB (p65)	13	0	MA0144.1	Stat3	12	0
V\$PLZF_02	PLZF	13	0	MA0148.1	FOXA1	12	0
V\$ZF5_01	ZF5	13	0	V\$FOXM1_01	FOXM1	12	0
MA0109.1	Hltf	12	0	V\$MECP2_02	MECP2 b.s.	12	0
V\$CEBPDELTA_Q6	C/EBPdelta	12	0	V\$TAL1_01	Tal-1 (Scl)	12	0
V\$EAR2_Q2	EAR2	12	0	V\$USF_01	upstream stimulating factor	12	0
V\$HNF3A_01	FOXA1	12	0	V\$WHN_B	winged-helix factor nude	12	0
V\$RUSH1A_02	RUSH-1alpha	12	0	V\$ZABC1_01	ZABC1 b.s.	12	0
	PAR-type chicken vitellogenin promoter-binding protein			V\$TCF3_01	TCF-3	12	2
V\$VBP_01		12	0	MA0052.1	MEF2A	11	0
V\$ZNF333_01	ZNF333	12	0	MA0124.1	NKX3-1	11	0
MA0041.1	Foxd3	12	1	MA0132.1	Pdx1	11	0
MA0047.2	Foxa2	11	0	V\$KLF15_Q2	KLF15	11	0
V\$FOXM1_01	FOXM1	11	0	V\$LEF1_Q2_01	LEF1	11	0
V\$GATA1_05	GATA-binding factor 1	11	0	V\$NFKB_Q6_01	NF-kappaB	11	0
V\$LEF1TCF1_Q4	LEF1, TCF1	11	0	V\$WT1_Q6	WT1	11	1
V\$TCF3_01	TCF-3	11	2	MA0042.1	FOXI1	10	0
MA0025.1	NFIL3	10	0	MA0047.2	Foxa2	10	0
MA0052.1	MEF2A	10	0	MA0162.1	Egr1	10	0
MA0093.1	USF1	10	0	V\$ATF5_01	ATF5 binding site	10	0
V\$HFH3_01	HFH-3 (HNF3/fork head homolog 3)	10	0	V\$E4BP4_01	E4BP4	10	0
V\$MECP2_02	MECP2 b.s.	10	0	V\$EAR2_Q2	EAR2	10	0
V\$MZF1_01	MZF1	10	0	V\$LEF1TCF1_Q4	LEF1, TCF1	10	0
V\$RFX3_01	RFX3 dimer	10	0				
	signal transducer and activator of transcription 5b			V\$REX1_03	REX1	10	0
V\$STAT5B_01		10	0	MA0003.1	TFAP2A	9	0
MA0004.1	Arnt	9	0	MA0006.1	Arnt::Ahr	9	0
V\$AP2GAMMA_01	AP-2gamma	9	0	MA0043.1	HLF	9	0
V\$HTF_01	HTF	9	0	V\$AP2ALPHA_01	AP-2alpha	9	0
V\$NF1_Q6_01	NF-1	9	0				

V\$USF_01	upstream stimulating factor	9	0	V\$DMRT5_01	DMRT5	9	0
MA0162.1	Egr1	8	0	V\$E4F1_Q6	E4F1	9	0
V\$CHX10_01	CHX10	8	0	V\$HFH3_01	HFH-3 (HNF3/fork head homolog 3)	9	0
V\$DMRT5_01	DMRT5	8	0	V\$HTF_01	HTF	9	0
V\$FREAC4_01	Fork head RElated ACTivator-4	8	0	V\$PR_02	progesterone receptor	9	0
V\$HNF4ALPHA_Q6	HNF4alpha	8	0	V\$RBPJK_01	RBP-Jkappa	9	0
V\$SRF_03	SRF b.s.	8	0	MA0088.1	znf143	8	0
MA0003.1	TFAP2A	7	0	V\$CHX10_01	CHX10	8	0
MA0043.1	HLF	7	0	V\$HNF3A_01	FOXA1	8	0
MA0140.1	Tal1::Gata1	7	0	V\$NERF_Q2	new ets-related factor 1a	8	0
V\$AP2ALPHA_01	AP-2alpha	7	0	V\$STAT5B_01	signal transducer and activator of transcription 5b	8	0
V\$DMRT2_01	DMRT2	7	0	V\$ZFX_01	Zfx	8	0
V\$E4BP4_01	E4BP4	7	0	MA0107.1	RELA	7	0
V\$LBP1_Q6	LBP-1	7	0	V\$GATA2_02	GATA-binding factor 2	7	0
V\$MEIS1AHOXA9_01	Meis-1a:HOXA9 heterodimeric binding	7	0	V\$GATA6_01	GATA-6	7	0
V\$NEUROD_02	NeuroD	7	0	V\$SRF_02	serum response factor	7	0
V\$RBPJK_Q4	RBP-Jkappa	7	0	MA0029.1	Evi1	6	0
MA0132.1	Pdx1	7	1	MA0140.1	Tal1::Gata1	6	0
MA0006.1	Arnt::Ahr	6	0	MA0164.1	Nr2e3	6	0
MA0029.1	Evi1	6	0	V\$CLOCKBMAL_Q6	CLOCK:BMAL	6	0
MA0088.1	znf143	6	0	V\$DMRT2_01	DMRT2	6	0
V\$GATA2_02	GATA-binding factor 2	6	0	V\$DMRT3_01	DMRT3	6	0
V\$GATA6_01	GATA-6	6	0	V\$FREAC4_01	Fork head RElated ACTivator-4	6	0
V\$MAX_01	Max	6	0	V\$MEIS1BHOXA9_02	Meis-1b:HOXA9 heterodimeric binding	6	0
V\$NRSF_01	neuron-restrictive silencer factor	6	0	V\$MYB_Q5_01	MYB	6	0
V\$PR_01	high affinity binding sites for progesterone receptor	6	0	V\$NF1_Q6_01	NF-1	6	0
V\$TCF11_01	TCF11/KCR-F1/Nrf1 homodimers	6	0	V\$NFMUE1_Q6	NF-muE1	6	0
V\$WHN_B	winged-helix factor nude	6	0	MA0056.1	MZF1_1-4	5	0
MA0061.1	NF-kappaB	5	0	V\$MEIS1AHOXA9_01	Meis-1a:HOXA9 heterodimeric binding	5	0
MA0138.2	REST	5	0	V\$MIF1_01	MIBP-1 / RFX1	5	0

MA0164.1	Nr2e3	5	0		complex			
V\$E4F1_Q6	E4F1	5	0		V\$MYCMAX_03	c-Myc:Max heterodimer	5	0
V\$EBF_Q6	EBF	5	0		V\$PBX_Q3	Pbx	5	0
V\$LTF_Q6	LTF	5	0		V\$RELB52_01	kappaB site	5	0
V\$MAF_Q6	MAF	5	0		V\$TCF11_01	TCF11/KCR-F1/Nrf1 homodimers	5	0
V\$MAZR_01	MAZ related factor	5	0		V\$TCF11MAFG_01	TCF11:MafG heterodimers	5	0
V\$PAX3_B	Pax-3 binding sites	5	0		V\$XBP1_01	X-box-binding protein 1	5	0
V\$RELB52_01	kappaB site	5	0		V\$AP1_Q2	activator protein 1 activating	4	0
V\$REX1_03	REX1	5	0		V\$ATF4_Q2	transcription factor 4	4	0
MA0035.2	Gata1	4	0		V\$HFH4_01	HFH4 (FOXJ1)	4	0
MA0055.1	Myf	4	0		V\$MAZR_01	MAZ related factor	4	0
MA0124.1	NKX3-1	4	0		V\$MIZF_01	MIZF	4	0
F\$AMT1_Q2	AMT1	4	0		V\$NFKAPPAB65_01	NF-kappaB (p65) neural-restrictive-silencer-element	4	0
V\$CLOCKBMAL_Q6	CLOCK:BMAL	4	0		V\$NRSE_B	neural-restrictive-silencer-element	4	0
V\$HFH4_01	HFH4 (FOXJ1)	4	0		V\$PAX3_B	Pax-3 binding sites	4	0
V\$MEIS1BHOXA9_02	Meis-1b:HOXA9 heterodimeric binding	4	0		MA0035.2	Gata1	3	0
V\$MIF1_01	MIBP-1 / RFX1 complex	4	0		MA0059.1	MYC::MAX	3	0
V\$NFE2_01	NF-E2 p45	4	0		MA0069.1	Pax6	3	0
V\$NRSE_B	neural-restrictive-silencer-element	4	0		F\$AMT1_Q2	AMT1	3	0
V\$PBX_Q3	Pbx	4	0		V\$AP1FJ_Q2	activator protein 1	3	0
V\$TCF11MAFG_01	TCF11:MafG heterodimers	4	0		V\$DAX1_01	Dax1	3	0
V\$XBP1_01	X-box-binding protein 1	4	0		V\$DEAF1_01	DEAF1	3	0
V\$ZBED6_01	ZBED6	4	0		V\$LBP1_Q6	LBP-1	3	0
V\$ZFX_01	Zfx	4	0		V\$MAF_Q6	MAF	3	0
V\$SMAD3_Q6	SMAD3	4	1		V\$MZF1_01	MZF1	3	0
MA0057.1	MZF1_5-13	3	0		V\$NGFIC_01	nerve growth factor-induced protein C neuron-restrictive silencer factor	3	0
MA0059.1	MYC::MAX	3	0		V\$NRSF_01	neuron-restrictive silencer factor	3	0
V\$DEAF1_02	DEAF1	3	0		V\$PNR_01	PNR	3	0
V\$EGR3_01	early growth response gene 3 product	3	0		V\$PXR_Q2	half-site matrix	3	0
V\$MYB_Q5_01	MYB	3	0		V\$SOX17_01	half-site	3	0
					MA0017.1	NR2F1	2	0

V\$MYOGNF1_01	myogenin / nuclear factor 1 or related factors	3	0	MA0057.1	MZF1_5-13	2	0
V\$NFKAPPAB_01	NF-kappaB	3	0	MA0061.1	NF-kappaB	2	0
V\$NFMUE1_Q6	NF-muE1	3	0	MA0067.1	Pax2	2	0
V\$NGFIC_01	nerve growth factor-induced protein C	3	0	MA0078.1	Sox17	2	0
V\$P50RELAP65_Q5_01	P50:RELA-P65	3	0	MA0138.2	REST	2	0
V\$PXR_Q2	half-site matrix	3	0	V\$COUP_01	COUP-TF, HNF-4	2	0
V\$TITF1_Q3	TTF-1, TITF1 (thyroid transcription factor 1)	3	0	V\$EBF_Q6	EBF	2	0
MA0017.1	NR2F1	2	0	V\$EGR2_01	Egr-2/Krox-20 early growth response gene product	2	0
MA0067.1	Pax2	2	0	V\$FOXP1_01	FOXP1	2	0
MA0069.1	Pax6	2	0	V\$FXR_IR1_Q6	FXR inverted repeat 1	2	0
MA0078.1	Sox17	2	0	V\$GFI1B_01	Gfi1b	2	0
MA0104.2	Mycn	2	0	V\$GZF1_01	plays a role in renal branching morphogenesis	2	0
V\$BACH2_01	BTB and CNC homolog 2	2	0	V\$HAND1E47_01	Hand1:E47	2	0
V\$COUP_01	COUP-TF, HNF-4	2	0	V\$LTF_Q6	heterodimer	2	0
V\$DAX1_01	Dax1	2	0	V\$LTF_Q6	LTF	2	0
V\$DMRT3_01	DMRT3	2	0	V\$NFKAPPAB_01	NF-kappaB	2	0
V\$EGR2_01	Egr-2/Krox-20 early growth response gene product	2	0	V\$OLF1_01	olfactory neuron-specific factor	2	0
V\$GFI1B_01	Gfi1b	2	0	V\$PPARA_01	PPAR:RXR heterodimers	2	0
V\$MIZF_01	MIZF	2	0	V\$PPARG_01	PPAR-gamma (peroxisome proliferator-activated receptor gamma)	2	0
V\$MYCMAX_03	c-Myc:Max heterodimer	2	0	V\$TBX18_01	T-box 18	2	0
V\$PNR_01	PNR	2	0	V\$TITF1_Q3	TTF-1, TITF1 (thyroid transcription factor 1)	2	0
V\$PPARA_01	PPAR:RXR heterodimers	2	0	V\$HMGA2_01	HMGA2 binding site	2	0
V\$PPARG_01	PPAR-gamma (peroxisome proliferator-activated receptor gamma)	2	0	V\$BRACH_01	Brachyury	2	2
V\$RORA_Q4	RORalpha	2	0	MA0007.1	Ar	1	0
V\$TBX18_01	T-box 18	2	0	MA0048.1	NHLH1	1	0
V\$ZNF219_01	ZNF219	2	0	MA0100.1	Myb	1	0
				MA0104.2	Mycn	1	0

V\$CACD_01	CACD	2	2	MA0114.1	HNF4A	1	0
V\$MOVOB_01	MOV0-B	2	2	MA0115.1	NR1H2::RXRA activating	1	0
V\$RPC155_01	RPC155	2	18	V\$ATF6_01	transcription factor 6 cut-like homeodomain	1	0
MA0007.1	Ar	1	0	V\$CDPCR1_01	protein c-Myc heterodimer (with a 26-29 kDa factor)	1	0
MA0065.2	PPARG::RXRA	1	0	V\$CMYC_02		1	0
MA0100.1	Myb	1	0	V\$DR3_Q4	direct repeat 3 early growth response	1	0
MA0114.1	HNF4A	1	0	V\$EGR3_01	gene 3 product myogenin / nuclear factor 1 or related	1	0
MA0147.1	Myc aryl hydrocarbon receptor:Arnt heterodimers, fixed core	1	0	V\$MYOGNF1_01	factors	1	0
V\$AHRARNT_02	activating transcription factor 4 BTB and CNC homolog	1	0	V\$NEUROD_02	NeuroD	1	0
V\$ATF4_Q2	1	1	0	V\$NMYC_01	N-Myc	1	0
V\$BACH1_01	C-MAF c-Myc heterodimer (with a 26-29 kDa factor)	1	0	V\$P50P50_Q3	P50:P50	1	0
V\$CMAF_02	FOXP1	1	0	V\$P50RELAP65_Q5	P50:RELA-P65	1	0
V\$CMYC_02	FXR inverted repeat 1	1	0	V\$RORA_Q4	RORalpha	1	0
V\$FOXP1_01	Ikaros 3	1	0	V\$RXRLXRB_01	RXR:LXR-beta	1	0
V\$FXR_IR1_Q6	KAISO	1	0	V\$SP3_Q3	Sp3	1	0
V\$IK3_01	NF-kappaB (p50)	1	0	V\$TAXCREB_02	Tax/CREB complex	1	0
V\$KAISO_01	N-Myc olfactory neuron- specific factor	1	0	V\$ZBED6_01	ZBED6	1	0
V\$NFKAPPAB50_01	P50:P50	1	0	V\$ZNF219_01	ZNF219	1	0
V\$NMYC_01	PEBP	1	0	V\$SOX10_Q6	SOX10	1	2
V\$OLF1_01	RXR:LXR-beta	1	0	V\$P300_01	p300	1	3
V\$P50P50_Q3	Sp3	1	0	V\$CMAF_02	C-MAF	1	9
V\$PEBP_Q6	Tax/CREB complex	1	0	V\$IK_Q5	Ikaros	1	22
V\$RXRLXRB_01	HMGA2 binding site	1	0	V\$RPC155_01	RPC155	1	22
V\$SP3_Q3	activator protein 4	1	1	MA0032.1	FOXC1	0	1
V\$TAXCREB_02	p63	1	1	MA0073.1	RREB1	0	1
VS\$HMGA2_01				MA0116.1	Zfp423	0	1
V\$AP4_Q6				MA0141.1	Esrrb	0	1
V\$P63_01				MA0154.1	EBF1	0	1

V\$GCNF_01	GCNF (germ cell nuclear factor)	1	2	MA0159.1	RXR::RAR_DR5 aryl hydrocarbon receptor:Arnt heterodimers	0	1
V\$P300_01	p300	1	2	V\$AHRARNT_01	AHRARNT heterodimers	0	1
V\$TFIIH_Q6	TFIIH	1	3	V\$AHRHIF_Q6	AhR, Arnt, HIF-1	0	1
MA0089.1	NFE2L1::MafG	1	4	V\$AML2_01	AML2	0	1
V\$CACBINDINGPROTEIN_Q6	CAC-binding protein	1	5	V\$AML_Q6	AML BTB and CNC homolog	0	1
V\$IK_Q5	Ikaros	1	22	V\$BACH1_01	BACH1	0	1
V\$LYF1_01	LyF-1	1	22	V\$BRF1_01	BRF-1	0	1
MA0002.2	RUNX1	0	1	V\$DBP_Q6	DBP	0	1
MA0032.1	FOXC1	0	1	V\$DR1_Q3	Direct repeat 1	0	1
MA0090.1	TEAD1	0	1	V\$GCNF_01	GCNF (germ cell nuclear factor) Glucocorticoid response element	0	1
MA0106.1	TP53	0	1	V\$GRE_C	GRE_C response element	0	1
MA0141.1	Esrrb	0	1	V\$LXR_Q3	LXR	0	1
MA0145.1	Tcfcp2l1	0	1	V\$PPAR_DR1_Q2	PPAR direct repeat 1 RAR-related orphan receptor alpha2	0	1
MA0442.1	SOX10	0	1	V\$RORA2_01	RORA2 58 KDA repressor protein	0	1
V\$AML_Q6	AML	0	1	V\$RP58_01	RP58	0	1
V\$BRACH_01	Brachyury	0	1	V\$TAL1BETAE47_01	Tal-1beta:E47 heterodimer	0	1
V\$BRF1_01	BRF-1	0	1	V\$TAL1BETAITF2_01	Tal-1beta:ITF-2 heterodimer	0	1
V\$DBP_Q6	DBP	0	1	V\$ZID_01	Zinc finger with interaction domain	0	1
V\$DR1_Q3	Direct repeat 1	0	1	MA0090.1	TEAD1	0	2
V\$HEN1_01	HEN1 complex of Lmo2 bound to Tal-1, E2A proteins, and GATA-1, half-site 2	0	1	MA0145.1	Tcfcp2l1	0	2
V\$LMO2COM_02	LMO2	0	1	MA0150.1	NFE2L2	0	2
V\$LXR_Q3	LXR	0	1	MA0155.1	INSM1 aryl hydrocarbon / dioxin receptor	0	2
V\$MTERF_01	mTERF binding site	0	1	V\$AHR_Q5	AHR	0	2
V\$PAX_Q6	Pax	0	1	V\$CACD_01	CACD	0	2
V\$PPAR_DR1_Q2	PPAR direct repeat 1 Tal-1beta:E47 heterodimer	0	1	V\$COREBINDINGFACTOR_Q6	core-binding factor	0	2
V\$TAL1BETAE47_01	Tal-1beta:E47 heterodimer	0	1	V\$HEN1_01	HEN1	0	2
V\$TEF1_Q6	TEF-1	0	1	V\$MTF1_Q4	MTF-1 BTB and CNC homolog	0	2
MA0119.1	TLX1::NFIC	0	2	V\$BACH2_01	BACH2	0	3

V\$CTF1_01	selection of the binding sites for CTCF by HOX11 cooperative DNA binding [2]	0	2	V\$CACCCBINDINGF			
V\$ER_Q6_02	half-site matrix, half-ERE	0	2	ACTOR_Q6	CACCC-binding factor	0	3
V\$ERR2_01	ERR2 (ESRRB)	0	2	V\$SF1_Q6_01	SF1	0	3
V\$HEB_Q6	HEB	0	2		sterol regulatory element-binding protein 1	0	3
V\$AHR_01	aryl hydrocarbon / dioxin receptor	0	3	V\$SREBP1_01	TEF-1	0	3
V\$E47_01	E47	0	3	V\$TEF1_Q6	TEF-1	0	3
	myoblast determination gene product			MA0163.1	PLAG1	0	4
V\$MYOD_01	58 KDA repressor protein	0	3	V\$MOVVOB_01	MOVVO-B	0	4
V\$RP58_01	Ras-responsive element binding protein 1	0	3	V\$SMAD3_Q6	SMAD3	0	4
V\$RREB1_01	SMAD4	0	3	V\$TBX5_01	TBX5	0	4
V\$SMAD4_Q6	SZF1-1	0	3	MA0002.2	RUNX1	0	5
V\$SZF11_01	zinc finger with interaction domain	0	3	V\$AP4_Q5	activator protein 4	0	6
V\$ZID_01	PLAG1	0	4	V\$SMAD4_Q6	SMAD4	0	6
MA0163.1				V\$SZF11_01	SZF1-1	0	6
V\$AHRHIF_Q6	AhR, Arnt, HIF-1	0	4	V\$TFII_Q6	TFII-I	0	6
V\$MTF1_Q4	MTF-1	0	4		myoblast determination gene product	0	7
V\$SPZ1_01	spermatogenic Zip	0	5	V\$MYOD_01	product	0	7
V\$TBX5_01	TBX5	0	5	V\$SPZ1_01	spermatogenic Zip	0	7
	vitamin D receptor; mediates vitamin D3-signaling, often dimerizes with RXR-alpha			MA0119.1	TLX1::NFIC	0	8
V\$VDR_Q3	CP2	0	6	MA0258.1	ESR2	0	8
V\$CP2_01	LMAF	0	6		selection of the binding sites for CTCF by HOX11 cooperative DNA binding [2]	0	8
V\$LMAF_Q2	E47:MATH1	0	6	V\$CTF1_01	DNA binding [2]	0	8
V\$MATH1_Q2	ESR2	0	7	V\$GCM_Q2	GCM	0	8
MA0258.1	E12	0	7		heterodimers of CHOP and C/EBPalpha	0	9
V\$E12_Q6	HIC1	0	7	V\$CHOP_01	and C/EBPalpha	0	9
V\$HIC1_02	SF1	0	7	V\$E47_01	E47	0	9
V\$SF1_Q6_01					half-site matrix, half-ERE	0	9
				V\$ER_Q6_02	ERE	0	9
				V\$HIC1_02	HIC1	0	9
				V\$Ikaros_01	Ikaros 2	0	9
				V\$LRF_Q2	LRF	0	9

V\$CHOP_01	heterodimers of CHOP and C/EBPalpha	0	8	V\$MEF2C_01	MEF-2C	0	9
V\$GCM_Q2	GCM	0	8	V\$VDR_Q6	half-site matrix	0	9
V\$LRF_Q2	LRF	0	8	V\$COUPTF_Q6	COUPTF	0	10
V\$SREBP1_01	sterol regulatory element-binding protein 1	0	8	V\$LRH1_Q5	LRH1	0	10
V\$T3R_Q6	half-site matrix	0	8	MA0089.1	NFE2L1::MafG	0	11
MA0092.1	Hand1::Tcfe2a	0	9	MA0112.2	ESR1	0	11
MA0112.2	ESR1	0	9	V\$CACBINDINGPRO TEIN_Q6	CAC-binding protein	0	11
V\$COUPTF_Q6	COUPTF	0	9	V\$E12_Q6	E12	0	11
V\$IK2_01	Ikaros 2	0	9	V\$YY2	YY2	0	11
V\$LRH1_Q5	LRH1	0	9	V\$CP2_01	CP2	0	12
V\$RORBETA_Q2	RORBETA	0	9	V\$RORBETA_Q2	RORBETA	0	12
V\$EBOX_Q6_01	Ebox	0	10	V\$TBR2_01	TBR2	0	12
V\$GLI3_01	GLI3	0	10	V\$HEB_Q6	HEB	0	13
V\$TFE_Q6	TFE	0	10	V\$LMAF_Q2	LMAF	0	13
V\$YY2	YY2	0	10	MA0092.1	Hand1::Tcfe2a	0	14
V\$SMAD_Q6	SMAD	0	11	MA0146.1	Zfx	0	14
V\$MEF2C_01	MEF-2C	0	12	V\$SMAD_Q6	SMAD	0	14
V\$TBR2_01	TBR2	0	12	V\$TFE_Q6	TFE	0	14
V\$ZNF515_01	Glis binding sites	0	13	MA0111.1	Spz1	0	15
MA0111.1	Spz1	0	14	V\$GLI3_01	GLI3	0	15
V\$GLI1_01	GLI1	0	14	V\$NURR1_Q3	NURR1	0	15
V\$MYOGENIN_Q6	myogenin	0	14	V\$EBOX_Q6_01	Ebox	0	16
MA0161.1	NFIC	0	15	V\$HES1_Q2	HES1	0	16
V\$HES1_Q2	HES1	0	15	V\$T3R_Q6	half-site matrix	0	16
V\$NURR1_Q3	NURR1	0	16	MA0122.1	Nkx3-2	0	17
V\$GLI2_01	GLI2	0	17	MA0160.1	NR4A2	0	17
V\$OSF2_Q6	Osf2	0	17	V\$GLI1_01	GLI1	0	17
V\$TTF1_Q6	TTF-1 (Nkx2-1)	0	17	V\$MATH1_Q2	E47:MATH1	0	17
V\$USF2_Q6	USF2	0	17	V\$TTF1_Q6	TTF-1 (Nkx2-1)	0	17
MA0122.1	Nkx3-2	0	18	V\$USF2_Q6	USF2	0	17
V\$DEC_Q1	DEC	0	18	V\$GLI2_01	GLI2	0	18
V\$PUR1_Q4	PUR1	0	18	V\$SREBP_Q3	SREBP	0	18
V\$SREBP_Q3	SREBP	0	18	V\$OSF2_Q6	Osf2	0	19
MA0160.1	NR4A2	0	19	V\$ZNF515_01	Glis binding sites	0	19

V\$GLI_Q2	GLI	0	19
MA0146.1	Zfx	0	20
V\$DELTAEF1_01	deltaEF1	0	20
V\$E2A_Q2	E2A	0	20
V\$MAFA_Q4_01	MAFA	0	20
MA0103.1	ZEB1	0	21
V\$AML1_01	runt-factor AML-1	0	21
V\$LFA1_Q6	LF-A1	0	21
MA0019.1	Ddit3::Cebpa 2 ERE half-sites with a 3bp spacer within	0	22
V\$ERALPHA_01	MAFB	0	22
V\$TERALPHA_Q6	TERALPHA zinc finger protein of the cerebellum 1	0	22
V\$ZIC1_01	zinc finger protein of the cerebellum 3	0	22
V\$ZIC3_01	ZNF354C	0	23
MA0130.1	ZNF354C	0	23
V\$AP2REP_01	AP-2 repressor apolipoprotein AI regulatory protein 1	0	23
V\$ARP1_01	BDP1	0	23
V\$BDP1_01	GTF2IRD1-isoform2	0	23
V\$GTF2IRD1_01	ING4	0	23
V\$ING4_01	Kid3	0	23
V\$KID3_01	LUN-1	0	23
V\$LUN1_01	SREBP2 zinc finger protein of the cerebellum 2	0	23
V\$SREBP2_Q6	V\$ZIC2_01	0	23

V\$DEC_Q1	DEC	0	20
V\$DELTAEF1_01	deltaEF1	0	20
V\$GLI_Q2	GLI complex of Lmo2 bound to Tal-1, E2A proteins, and GATA-1, half-site 1	0	20
V\$LMO2COM_01	Ddit3::Cebpa	0	21
MA0019.1	ZEB1	0	21
MA0103.1	NFIC zinc finger protein of the cerebellum 1	0	21
MA0161.1	apolipoprotein AI regulatory protein 1	0	22
V\$ZIC1_01	BDP1	0	22
V\$ARP1_01	E2A 2 ERE half-sites with a 3bp spacer within	0	22
V\$BDP1_01	V\$ERALPHA_01	0	22
V\$E2A_Q2	LUN-1	0	22
V\$ERALPHA_01	LyF-1	0	22
V\$LUN1_01	MAFA	0	22
V\$LYF1_01	myogenin	0	22
V\$MAFA_Q4_01	V\$TERALPHA_Q6	0	22
V\$MYOGENIN_Q6	MA0130.1	0	23
V\$TERALPHA_Q6	ZNF354C	0	23
MA0130.1	V\$AML1_01	0	23
ZNF354C	V\$AP2REP_01	0	23
V\$AML1_01	V\$GTF2IRD1_01	0	23
runt-factor AML-1	V\$ING4_01	0	23
V\$AP2REP_01	V\$KID3_01	0	23
AP-2 repressor	V\$LFA1_Q6	0	23
GTF2IRD1-isoform2	V\$MAFB_01	0	23
ING4	V\$PUR1_Q4	0	23
Kid3	V\$SREBP2_Q6	0	23
LUN-1	V\$ZIC2_01	0	23
SREBP2	V\$ZIC3_01	0	23
zinc finger protein of the cerebellum 2			
zinc finger protein of the cerebellum 3			