Motif ID	TF Name	Consensus	Beta
LM1_RFX1	RFX1	BDGTTKCCATGGMAACMV	0
LM2_CTCF	CTCF	NNDCCASNAGRKGGCASYV	45.3407
LM9_NRSE	NRSE	DTCAGCACCNHGGACAGNDVM	-2.32328
M00001	MyoD	VVDCAGGTGBYD	0.24309
M00002	E47	VSNGCAGGTGKBBBN	0
M00004	c-Myb	BVNVVNRRCVGTTGNBNG	6.78054
M00005	AP-4	WVVVHCAGCTGBDGNCNK	0
M00007	Elk-1	NDVACMGGAAGTNCVH	-4.65872
M00011	Evi-1	ACAAGATAA	0
M00017	ATF	HBNTGACGTNDNBB	0.7600
M00025	Elk-1	NNNNAMCGGAARBNN	2.16129
M00026	RSRFC4	NDKCTATTTWTAGMHN	0
M00032	c-Ets-1(p54)	NCMGGAWRYN	1.48722
M00037	NF-E2	HGCTGASTCAY	-3.37796
M00039	CREB	TGACGTMW	0
M00040	ATF2	TTACGTAA	9.40638
M00041	ATF2:c-Jun	TGACGTYA	4.9662
M00045	E4BP4	NRTTAYGTAAYN	-2.27092
M00050	E2F	TTTSGCGC	6.79092
M00051	NF-kappaB (p50)	GGGGATYCCC	10.30038
M00052	NF-kappaB (p65)	GGGRNTTTCC	0
M00053	c-Rel	BGGRNWTTCC	6.58012
M00054	NF-kappaB	GGGRMWTYCC	1.44308
M00055	N-Myc	NNNCACGTGNNN	0
M00058	HEN1	NNDGGNMBCAGCTGBKNCMHNN	0
M00062	IRF-1	SAAAASYGAAASY	0
M00063	IRF-2	GAAAASYGAAASY	0.37392
M00065	Tal-1beta:E47	NNNDMCAGATGKTNNN	0
M00066	Tal-1alpha:E47	NNNRMCAGATGKTNNN	0
M00068	HEN1	NNNGGNCNCAGCTGNKNCMHNN	-0.11822
M00069	YY1	NNNSBGCCATCTTWSNHTSNW	-13.29763
M00070	Tal-1beta:ITF-2	NNNAACAGATGKYNNN	0
M00071	E47	NNNHRCAGGTGYWNNN	3.62608
M00072	CP2	GCHNDAMCMAG	8.42578
M00078	Evi-1	WGAWAGAYAAGATAA	15.52632
M00079	Evi-1	GGAWAGATAA	0
M00080	Evi-1	AGATAAGATAW	-3.16400
M00082	Evi-1	AGATAAGATAD	0
M00085	ZID	BGGCTCYAKSRYC	11.85449
M00087	Pax-6	NHNNTTYACGCWTSANTKVNN	0
M00102	CDP	DNDATCGATYNDHDN	8.58349
M00104	CDP CR1	NATYGATBGS	-1.11727
M00105	CDP CR3	CACMRAYRNNTATBG	0
M00106	CDP CR3+HD	NATYGATSBB	-2.05952
M00113	CREB	NBGDTGACGYNN	-3.87292
M00114	Tax/CREB	NNGGGKTGACGYMNN	5.08638
M00118	c-Myc:Max	NDRSCACGTGSKHN	2.32054
M00119	Max	NNRNCACGTGNYNN	1.79688
M00121	USF	NNRHCACGTGDYNN	0
M00122	USF	NNRNCAYRTGNYNN	0.96438
M00123	c-Myc:Max	NANCACRTGNNW	-0.41764
M00124	Pax-1b	NHNATCARTCAANNH	0
M00127	GATA-1	RNNNDGATTRBNRN	1.54112
M00131	HNF3beta	BKNWHTRTTTRYWTW	-0.33669
M00132	HNF1	RGTTAATNWTTRNHN	0.92662
M00134	HNF4	NNNRGDBCAAAGKBCMNNN	1.05448
M00135	Oct-1	NNNNDTATGCAAATNBNNN	0.19512
M00136	Oct-1	NNBAATRTKCANNNN	-1.45098
M00141	Lyf-1	TTTGGGARR	13.99660
M00143	Pax-6	BMNNNRNKCANBGNWGNRKRRM SRSHNB	0.18900
M00145	Brn-2	NNCATNNDWAATVMRH	-2.04394
M00155	ARP-1 (COUP-TF2)	TGARYCYWTGAWMYYW	5.26126
M00156	RORalpha1	DNWWNDAGGTCAH	-0.98659
M00157	RORalpha2	DWAWBTAGGTCAN	-9.30338
M00158	COUP-TF,HNF-4	TGAMCTTTGVMCHB	5.88954
M00161	Oct-1	MKVRTTWKCATWYY	0
M00162	Oct-1	WWNWWTKWSATRYN	-3.81476
M00172	AP-1	RSTGACNNMNH	2.81380
M00173	AP-1	RVTGACDNWNW	-0.05533
M00174	AP-1	NVTGACKHWNN	1.91640
M00176	AP-4	VDCAGCTGBN	0
M00178	CREB	NSTGACGYMRNN	0
M00179	ATF2	NSTGACGTMWSN	-0.25217
M00185	NF-Y	NRRCCAATVRB	2.83050
M00186	SRF	NNCCAWRDWGGVN	0
M00187	USF	SYCACRKGGY	2.56690
M00188	AP-1	RVTGACTVMNN	1.33588
M00191	ER	NNVRNNNNNNNTGACCNDN	2.3062
M00194	NF-kappaB	DKGGGAMKTYCCNN	0
M00195	Oct-1	WNNNATGCAAAKNMB	0.57086
M00199	AP-1	NTGASTCAG	0.58437
M00201	C/EBP	NGWVTKHBGYAAKNBAYN	0
M00205	GR	KKVACMNNVTGTYCTK	-7.61563
M00206	HNF1	DGYTAATBAWTNAMYWM	-1.79588
M00208	NF-kappaB	NGGGAYTTYCCV	3.88578
M00209	NF-Y	NYTGATTGGYSNH	-0.79545
M00210	OCT-x	NTNATTTGCATRH	-3.00582
M00215	SRF	DCCWTKRTGGWHN	-0.11138
M00216	TATA	NCTATAAAAN	0
M00217	USF	NCACGTGN	0
M00220	SREBP-1	NATCACGTGAB	0
M00221	SREBP-1	KRTCACCCCAC	-0.87422
M00222	Hand1:E47	NNDNDABTCTGGHWNN	3.4726
M00223	STATx	TTCCYRKAA	3.93139
M00224	STAT1	BNWNHTTCCSGGAADNRNBN	-0.07540
M00228	VBP	RTTACRTMAK	-0.24799
M00231	MEF-2	BNNNNGGCTAWAAATAGVHNNN	-0.92637
M00232	MEF-2	NNNNDHDCTAWAAATAGMHHNN	0
M00235	AhR:Arnt	KDNDNGKYGCGTGMNV	-0.40030
M00236	Arnt	NDDGNCACGTGNNNNN	0
M00240	Nkx2-5	WYAAGTG	7.41677
M00243	Egr-1	WTGCGTRGGCGK	38.0397
M00244	NGFI-C	WTGCGTGGGYGK	-26.72382
M00245	Egr-3	NWGCGTRGGCGK	0
M00248	Oct-1	WNTATGBTAATT	-1.30762
M00249	CHOP:C/EBPalpha	NNRTGCAATVSYY	2.86067
M00250	Gfi-1	NNNNNMNNAAATCWVWGYNNNNNNN	-1.03438
M00251	XBP-1	DNRNTKACGTGKNNHWD	1.06612
M00258	ISGF-3	BAGTTTCWBTTTYNS	0
M00260	HLF	RTTACRYMAY	0
M00261	Olf-1	NNMDABTCCCYNGRGRRBNKRN	0
M00264	Staf	NNBWCCCANWNTBCMNNNNNV	2.95437
M00278	Lmo2 complex	NHGATANSS	1.58172
M00279	MIF-1	NNGTTGCWWGGYAACNKS	0
M00280	RFX1	NNRKHRCNWRGYAACNN	4.54948
M00281	RFX1	NNRKHRCNNWRGYAACAN	4.07735
M00284	TCF11/MafG	WHNNNRTGACDHAGCANDWVHB	3.08992
M00287	NF-Y	NNNRRCCAATSRNNDN	0
M00289	HFH-3 (FOXI1)	DNNTRTTTRTWTD	1.03677
M00290	Freac-2	BNHNNGTAAACAHNNN	0
M00291	Freac-3	NNNVNGTAAABAAASM	0
M00292	Freac-4	DYNNRWGTAAACANHVN	-3.62828
M00294	HFH-8 (FOXF1A)	NNDTGTTTATGYR	-0.25626
M00322	c-Myc:Max	VSCAYGYGSN	7.84830
M00327	Pax-3	NNNNNMBGTCACGSTHNNNNN	0
M00332	WT1	NNNSACGCBNN	10.7298
M00338	ATF	NTGACGTHWNHS	7.04793
M00339	c-Ets-1	VSAGGAARYNNBDNV	2.81438
M00341	GABP	VCCGGAAGNGSD	6.18038
M00342	Oct-1	HATGCAAATN	-3.38398
M00347	GATA-1	MNAGATAAR	-0.61316
M00348	GATA-2	NNWGATAASN	0
M00349	GATA-2	NSWGATNWNA	-0.47207
M00350	Pax-3	TCGTCACRCHYHV	7.88540
M00373	Pax-4	NGNVKTSANGGGYVNNSNNBN	1.03364
M00380	Pax-4	RNWAAWWRNNNNNNNHNNNNNNNHHSWHSB	1.12088
M00403	aMEF-2	WSDYTAAAAATACYWM	0
M00405	MEF-2	WSNHTAAAWWWMNY	0.68050
M00406	MEF-2	SKYTAAAAATACYCH	0
M00407	RSRFC4	HNKCTAWWAATAGMHHN	-0.29632
M00410	SOX9	NNNGAACAATRRNN	-2.73098
M00412	AREB6	NHYDYACCTGWYY	1.84529
M00414	AREB6	WBRCACCTGKDV	5.93173
M00416	Cart-1	NVNTARTKNNHRTTABBN	0
M00418	TGIF	ASYTGTCANGW	1.80528
M00419	MEIS1	NHNTGACAGNNN	2.22502
M00420	MEIS1A:HOXA9	TGACAGKTTWRYGA	0.03336
M00421	MEIS1B:HOXA9	TGACAGBTTWRYRR	-2.04880
M00423	FOXJ2	WYMAWAYRTTKN	0
M00424	Nkx6-1	HWTTTAATKGNWT	-0.22300
M00425	E2F	TTTSGCGC	0.21908
M00426	E2F	TTTSGCGS	0.07172
M00428	E2F-1	BKTSSCGS	16.27838
M00430	E2F-1	NTTSGCGG	8.06376
M00432	TTF1 (Nkx2-1)	WSTCAAGWRK	1.07777
M00436	IPF1	RHNNTAATGWMM	-1.78067
M00437	CHX10	NNNTAATTAGCNNN	2.41400
M00447	AR	AGWRSNYNWWGTWCT	7.45004
M00453	IRF-7	NNSGAWWNYGAWWYNNN	0.84457
M00454	MRF-2	VWSBHBAATACHVM	0
M00457	STAT5A (homodimer)	NRNTTCYNGGAANYN	0
M00459	STAT5B (homodimer)	NDWTTCYNDGAAWHN	-3.30072
M00460	STAT5A (homotetramer)	TTCBNVGAANNNNNNTWCNNNRDR	2.59648
M00463	POU3F2	RTGMATWWRETMAT	0
M00464	POU3F2	TTATGYTMAT	0
M00466	HIF1	HRKACGTGBVKB	2.60798
M00467	Pitx2	GCACCCCWWGGGTGM	-35.82167
M00480	LUN-1	TCCCAGCTACTTTGGGA	-10.16098
M00481	AR	GGWACRNNNTGTNCY	0
M00482	Pitx2	WNTAATCCCNV	12.73508
M00483	ATF6	TGACGTGG	0
M00485	Nkx2-2	WTAAGTRSTT	0
M00490	Bach2	SRTGAGTCANV	4.55867
M00495	Bach1	NNARTGAGTCATNNB	-3.97232
M00513	ATF3	NBSTGACGTCANYS	-0.63538
M00514	ATF4	SVTGACKYMRBV	3.28636
M00516	E2F	TTTSGCGCSMDN	0
M00517	AP-1	NNDTKASTCABNN	1.00477
M00518	PPARalpha:RXRalpha	NNNGGTNRDNGGTSRNK	-3.88663
M00526	GCNF	NBCAAGKTCAAGKTCANN	13.88828
M00528	PPAR	WNBHNGGNVAAGGTCA	-5.32748
M00531	NERF1a	YRNCAGGAAGYRNSYBDS	-1.33544
M00532	RP58	NNAACATCTGGM	0
M00538	HTF	VDHHWGNDMCACGTCABYNHWNDN	2.0282
M00539	Arnt	NVNNNVKCACGTGMBNNNBN	0
M00615	c-Myc:Max	NNNNNNNCACGTGNNNNNNN	0
M00616	AFP1	RTTAWTRCAC	8.76888
M00619	Alx-4	CCTGAGARMTC	-23.97672
M00621	C/EBPdelta	MATTKCNYMAYY	0
M00622	C/EBPgamma	YYBAYKWMARAWW	1.68286
M00626	RFX1 (EF-C)	MRWYRCYWKGSWRM	3.89822
M00631	FXR/RXR-alpha	NARGKTSAWTRACC	-5.43544
M00632	GATA-4	NRAWWGMRGRSA	1.38988
M00634	GCM	MWNRCCCRCATD	2.21929
M00638	HNF4alpha	VTGAMCTTTGMMB	0
M00641	HSF	TTCBMGVRGYTTC	9.822
M00644	LBP-1	CVGCTGS	6.38333
M00648	MAF	TGCRRGGAAGTKKBBD	4.92612
M00650	MTF-1	KBTGCACHCRGCMS	0

Motif ID	TF Name	Consensus	Beta
M00661	NF-muE1	CSGCCATCT	1.93172
M00662	NF-1	CGCRTGCGCR	10.18843
M00658	PU.1	WGRGGAAS	8.31637
M00665	Sp3	ASMMYWSKGSRGGG	7.29248
M00671	TCF-4	SCTTTGAW	0
M00672	TEF	RTGBTHAHRTAA	0
M00678	TIM-2?	HTACTTCCTG	4.67835
M00687	alpha-CP1	MARCCAATGAG	-0.22990
M00691	ATF1	CYNTGACGWCA	1.9673
M00693	E12	RRCAGGTGBHV	2.34678
M00694	E4F1	SHTACGTCAC	12.82378
M00698	HEB	RCCWGCTG	1.67628
M00699	ICSBP	RAARWGAAACTR	0
M00701	SMAD3	VGTCTGHCT	3.73950
M00721	CACCC-binding factor	CRNYMNNWGGGTGDGG	4.82708
M00727	SF1	TRACCTTG	3.90128
M00729	Cdx-2	MNWNTTTTATDRCH	-7.84327
M00733	SMAD4	SNSRKBSAGMCANMY	4.54838
M00736	E2F-1:DP-1	WTTSSCGC	9.85529
M00737	E2F-1:DP-2	TTTSSCGC	-9.22471
M00738	E2F-4:DP-1	TTTSGCGC	5.47133
M00739	E2F-4:DP-2	WTTSSCGC	3.65498
M00740	Rb:E2F-1:DP-1	TTTSGCGC	0
M00746	Ets-1?	RMWNSAGGAARW	0.29848
M00762	PPAR,HNF-4,COUP,RAR	DGSNCAVRGKHCW	4.57037
M00763	PPAR direct repeat 1	WGACCTNTGNCCH	0.2993
M00764	HNF4 direct repeat 1	TGRMCTTTGNCCH	6.73038
M00765	COUP direct repeat 1	TGACCTTTGNCYY	2.13938
M00766	LXR direct repeat 4	TGACCKNNNNTRACCC	6.29132
M00767	FXR inverted repeat 1	RGGTBAATRACCY	7.43673
M00769	AML	NNNBHTGTGGTYWNN	0
M00771	Ets	HNNNRYTTCCTS	3.84117
M00772	IRF	BNWNBTTTCHNTTYY	2.51338
M00773	NF-kappaB	NNNNNGGRAANTCCCN	-2.18238
M00775	NF-Y	NNBNRRCCAATSR	0
M00776	CREBP	VNWTCACCCYA	4.01427
M00778	AHR	BKNGCGTGHNN	8.7208
M00780	HNF1	DGGTTAATNDTYDNYNNN	0
M00783	YY1	GCCATBTYB	9.30038
M00785	Octamer	NNWTTTTRCATD	0
M00786	USF	VVCASGTGRSN	3.51771
M00787	HIF1	BNVKACGTGCNBBN	3.22300
M00789	Myc	CACGTGB	0
M00800	AP-2	SSCSSMRGGCNRNRNN	6.31437
M00801	CREB	CGTCAB	13.82562
M00802	Elf-1	NMTTCWTDHWYRWHNHNH	-1.17668
M00804	E2A	NCASCTGRYNYNKN	1.69223
M00806	Pax	CTGGAAMTMAC	6.72648
M00820	SRF	SCCAWRRAWGGMNWBNBN	0
M00821	NF-2?	NAGAWWNAGTCABN	3.81706
M00916	CREB	VNNWRCGTCABNDB	1.05882
M00917	CREB	NNNTGACGYMN	0
M00918	E2F	TTTSGCGSB	0
M00919	E2F	BVSCGCSAARN	12.74288
M00920	E2F	NBMSCGCSAARN	6.30287
M00922	SRF	CCAWRTAWGGMNMBD	0.69172
M00927	AP-4	RNCWGMTGY	3.24827
M00929	MyoD	NWVVVCAGGTGNNNNNN	2.01078
M00930	Oct-1	DAWTTTNCATD	-3.01838
M00938	E2F-1	WKSGCGCSRWNVGVM	10.12663
M00939	E2F-1	VTTSGCGSB	2.67488
M00940	E2F-1	DTTTSSCGSS	0
M00941	MEF-2	DGYTATWTTWRD	-2.75827
M00947	CP2/LBP-1c/LSF	RCTGGNTNNNDCYGG	3.63400
M00953	AR	NNNDNDRGNACRNNKTGTTCTNNNNNN	5.57287
M00954	PR	NNNDNNDGDWSVNNNTGTTCTNNNNNN	0.23317
M00955	GR	NNNNNNRDNSNNNNTGTTCTNDNBNN	0
M00956	AR	NNNNNNRGDACRNNNTGTTCTNDNNNN	0.83218
M00957	PR	NDNNNDRKNACDNDNTGTTCTGDNNNN	-1.65608
M00959	ER	NAGGTCANNNY	1.06657
M00961	VDR	VNBNNTGAMCCN	4.64978
M00964	PXR,CAR,LXR,FXR	DRGGTYANDRDM	0
M00965	LXR,PXR,CAR,COUP,RAR	YGNMCKNNHBTRACCYN	2.03038
M00966	VDR,CAR,PXR	RRYSNMCYNNTSMMCYNBBK	2.61438
M00977	EBF	BTCCCYWGRGD	6.58382
M00978	LEF1,TCF1	VCTTTGWWSNN	0.72838
M00981	CREB,ATF	NTGACGYND	3.31787
M00983	MAF	NVMKGAGTCAD	0
M00984	PEBP	VNWVACCACARVNVD	1.03462
M00991	Cdx	NAVHRHHVRRBHHRTNWM	0.13813
M00992	FOXP3	RWVVDGTTGTBDCAKAB	-0.10847
M00993	TAL1	DCCABCTGNY	4.50738
M00997	DEC	VBBCAHGTGADBN	13.09563
M00998	Pax	GATKGAWKKNNN	0.77038
M01007	SRF	NAKNBCCWTWTWTGGANNB	0.21443
M01009	HES1	NNSBCKYGTGSNNNN	4.74443
M01011	HNF1	NNNNRNHANNATWAASHNNN	-0.66311
M01014	SOX	MTCTTTGTTWNRN	0
M01017	Pitx-1	NNATCAANYRNN	-0.88163
M01019	TBX5	NDAGGTGTBRNN	-2.30698
M01020	TBX5	BNDGGTGTKV	3.27338
M01022	LEF1	BWWCAAAGNV	1.4262
M01023	HSF1	HTTCTRGAAVNTTCKYM	0
M01031	HNF4	NGDBCAAAGKYCAN	-4.69696
M01036	COUPTF	BNWNNTGMMCYYTVVHCNYBNMN	0.37902
M01037	GLI	HBTGGGTGGTCB	-3.0828
M01042	GLI1	GACCACCCAV	0
M01043	Nkx2-5	YBYCACTTBM	1.23998
M01044	TBX5	VTCACACCTK	11.58712
M01045	AP-2alphaA	NAHGCCYBRGGBNB	6.57262
M01047	AP-2alphaA	VNMGCCTNAGGCKNB	0
M01058	DSXm?	NAATCASKKCD	0.23063
M01069	GZF1	TGCGCBTMTATA	0
M01073	HIC1	BNVSRBTGCVSSVNNBNB	4.95692
M01075	PLZF	KTVNWNNGHHGNTAAANYWKKRHYWRNKY	6.55818
M01078	c-Ets-1 p54	NNNDSCGGAWRYNNBN	5.60059
M01100	LRF	VDVRMCCCC	7.83390
M01105	ZBRK1	GGGSMRCAGNHVTTT	14.0829
M01106	HOXA7	YCAATCK	6.11363
M01108	SZF1-1	CCAGGGTWMMAGMNG	-7.79538
M01111	RBP-Jkappa	TTCCCAYD	2.71048
M01112	RBP-Jkappa	NNCGTGGGAAM	3.2608
M01116	CLOCK:BMAL	MCACGTGR	0
M01119	KAISO	HTCCTGCBND	6.13798
M01132	SF1	TDRCCTTGN	0
M01136	RORalpha	WWRNTRGGTCA	-2.66888
M01139	LMAF?	RSTCAGCAG	4.32588
M01142	LRH1	NNRRCCTTGNAN	2.81262
M01145	c-Myc	DACCACGTGSTC	-6.20142
M01146	DMRT1	YKGMWACAWTGTWKY	0
M01147	DMRT2	BAWWWTGWTACATTKW	-0.53522
M01148	DMRT3	NDWTTGWTACAWTNH	-3.79852
M01151	c-Myc	KACCACGTGSYY	-3.16418
M01163	Elk-1	NACCGGAAGTR	0
M01165	Elk-1	DACCGGAAGTR	3.08860
M01167	SAP-1a	NACCGGAAGYV	0
M01171	BCL6	NBTTCNAGGW	3.72428
M01182	MZF	CGGACGTT	16.92008
M01185	BCL6	WRCTTTCBAGGRWT	0
M01196	CTF1	TGGCABNDNGCCAA	-6.06043
M01197	ELF5	WHWMGGAWRYD	0.34108
M01200	CTCF	NBNRCCWSNAGRKGGMRSNV	15.7562
M01201	AR	GGNACRNNRYGTDCY	1.61606
M01202	VDR:RXR	RGGTCAHNGRGTTCR	-8.36882
M01204	SPI-B	VRAAWSMGGAAGTGNBH	0
M01206	PU.1	MMGGAWGYMB	3.08288
M01209	SAP	CRNATTCCYNK	7.51498
M01212	STAT1:STAT1	NTTTCMMRGAARN	0
M01217	NUR77	NTGRCCTTBN	7.38138
M01220	STAT3:STAT3	TTKMBGGGAAMHVB	2.02248
M01223	P50:P50	NRGGGAMTBYCMB	1.38807
M01224	P50:RELA-P65	GGRNKTYCCCHN	2.06042
M01230	IPF1	VVNTAATNAS	-0.60678
M01234	IPF1	MVCTAATRAS	2.8802
M01235	IPF1	VVSTAATTAS	2.35131
M01236	IPF1	CATTAATMRR	1.43071
M01237	TRF1	VTAGGGTTAGGGTTR	-0.89079
M01239	RelB:p52 (NF-kappaB)	GGGGVWTTCC	2.87882
M01241	BEN	CWGCGAWR	9.76270
M01243	MTF1	TGCVCMC	7.60638
M01244	HSF2	GAANRTTCTAGAA	8.33333
M01245	HTERF?	TGGTWVWRGTYGGT	0
M01247	Nanog	DNDNVRDRACAAWRRNNNNN	0.83978
M01248	Dax1	NNDNNNVAAGGTCANNNNNN	0
M01249	HIF-2alpha	VNACGTGHNN	2.42148
M01255	IPF1	NVHCATTAAHN	0
M01256	REST	NNNNGSHDCTGTCCNNGGTSCT	-4.05206
M01257	SRF	NNCCWWWWWGGNVNNNN	1.69258
M01258	GABP	NRCTTCCGGBNN	21.93528
M01259	CTCF	NNNBNNCCASNAGRKGGMRV	34.09898
M01260	STAT1	NNNTTCYDGGAARNNNNNNNNN	0
M01261	HNF3A	RWGYAAACAN	-1.00008
M01267	FRA1	TGAGTCAN	0.17672
M01268	FXR	AGGTCAN	2.85238
M01272	SOX2	NNNNYCWTTGTNWTKN	-0.7398
M01279	IRF3	BBNBTTTCSCKTH	3.43652
M01281	SOX9	RHWCAAAGRVN	1.07998
M01288	NeuroD	BNSCWGCTGNBY	2.09263
M01298	MECP2	CCGGVNNNNHNNWWWW	7.70037
M01299	MECP2	CCGGVNWWWD	17.65078
M01300	HMGA2	RRTTSSSSNWWATT	-4.12947
M01301	MEF2A	RGYTATTTTTAR	0
M01306	TEF	VNCATTCCWSNK	0
M01307	POU6F1	NATGCAANNN	-1.22687
M01308	SOX4	AACAAWGR	-0.24060
M01312	Nkx3-1	NARNCCACTTRAWHH	0.37402
M01313	Six-1	NHDVRGGTATCANNNND	0
M01314	Tel1?	NNNHRYTAATTARNNBW	0
M01317	HOXC13	NNNNCTCRTAAAWHND	-2.64978
M01319	Hmx?	NNDNTAATTAWHNNDN	-1.21682
M01320	Prop-1	NNNNTTAATTAANNNNN	0.09862
M01321	HOXC-8	NHNNNDTAATTAHNNB	-0.18839
M01326	Octamer	NHNNTATGCATWDNNW	0
M01325	LH-2	DNNVYTAATTARNNNNN	-1.56908
M01327	Alx-2?	NNNNVYTAATTAVBNV	0
M01329	HOXC11	NNNNGTCGTAAAWNNN	1.06189
M01332	Barhl-1	NNNAABCAATTARNNN	0
M01337	HOXA3	NNNNRBTAATTAVY	0
M01338	HOXD3	HWNNDNTAATTANHNB	-0.06353
M01340	Barx1	HNRVYMATTRBYNNDH	-0.40236
M01342	CDP	RNNVNHTRATWNNDNN	0
M01344	CDP	DNNYDATRATHRNDN	-0.52632
M01345	Six-6	NNNNDGGTATCANNHNB	-0.29807
M01346	TGIF1	NNNWWTGACAGCKNNBN	0
M01348	K-2b?	NNNRYTAATTARBTNNB	0
M01349	HB9	NNNNTAATTAGBDNNV	0
M01351	Nkx6?	NVDBYMATWAAAHNNDD	-1.93038
M01353	Lhx5?	NNNRTTAATTAAHNNB	0
M01355	ALX-3	NNNVYTAATTARYNNN	0

Motif ID	TF Name	Consensus	Beta
M01356	PMX2B	VNNHVTTAATTAABDNN	1.8203
M01357	Pitx1	NBWHNCATCAAWNHNNV	-2.63508
M01358	Six-3	DADNGGGTATCAHNDNB	0
M01361	HOXC10	NNNNGTCRTAAANNNNN	-0.98737
M01362	CART1	NNNDYTAATTARNNNNN	0
M01365	En-1	NNNAANTAATTADBNN	0
M01366	Dlx1	NNNRVGGATTAWNHNNN	0
M01368	Oct-2	NNNTATGCAAATNNNN	0
M01369	HOXC4	MNNNTTAATTAANNNNN	0
M01370	HOXA4	NNNNRWTAATTAWBDNN	0
M01372	NKX22	NNNDMCACTTGARWNNN	1.70827
M01373	Cdx-1	NNNGGYMATAAAWNNN	1.07958
M01374	Irx4	NNNNNTGACACCNNNNV	1.56923
M01379	HNF-1alpha	NNBNNGTTAACYDVNNN	6.96883
M01380	Gbx2	DNNRCTAATTAGYNNNN	-6.22072
M01383	Nkx3A	NNNDAAGTACTTWRNDN	0.86098
M01385	Pax-4	WNNNYTAATTARHNVNN	0
M01387	Dlx2	NDNVRGGATTAWNHNNN	3.1437
M01388	En5?	NNNVYMATTRNBBNNN	0
M01389	Vax	NVNNYTAATTARYBVN	0
M01391	Lhx6	VNMYTAATTADKKNNN	-0.30082
M01392	HOXA6	VHNDTAATTAMNHNWN	0
M01393	Msx-2	NNNVRCYAATTADHNNB	0
M01395	MRG2	NDANASCTGTCAWNNN	-1.2394
M01398	Six-6	NWWVGGGTATCAHNHNB	10.97827
M01400	Dlx3	NNNVNRTAATTABMNNN	0
M01402	HoxA2	RNDBTAATTANHHHNN	-1.07205
M01403	Dlx3	NDGDNVGGATTADBNNN	0.60998
M01405	Irx2	WNNNTACATGTANNNNH	-0.64039
M01407	TGIF2	NDANASCTGTCAWNNN	0
M01408	Brn-3b?	NNDHATTAATKANBHH	-2.39487
M01409	Lhx-1?	VNNNTTAATTAAWWHNN	0
M01410	IRX4?	DANNWACATGTWNDNNN	0
M01411	PKNOX2	NNNBRSCTGTCAHHNN	3.92032
M01412	Msx-1	NNNNRNTAATTANNNN	0
M01413	Nkx5-1	VNNNNCAATTAANNNNN	0
M01414	NKX25	NNRNCCACTTRAHYY	1.21398
M01415	Bsx2?	NNNNYTAATTARNNNNN	0
M01416	HOXC9	NNNDGTMATWAAHHDN	-1.06237
M01417	Nkx-4?	NNNNYTAATTARNNNNN	0
M01418	Meis1	NDABASCTGTCAWWNN	0
M01421	Lhx4	NHNNSTAATTASBBDKN	0
M01422	Tlx6.1?	WMNNCTAATTAGYNNNN	0
M01425	HNF-1beta	NNNNGTTAACTARNNBN	-4.15952
M01426	HOXB9	VVRNYMATAAAAHNNN	-1.06363
M01430	HOXA13	NNNNCTCGTAAAWHNN	1.06958
M01431	Barx-2	NNRNTAATTAWYNNNN	0
M01433	Six-2	NHDRGGGTATCAHNWND	0
M01436	Crx	BNNNGGGATTADBNN	0
M01437	HOXC12	NNVGTCGTAAAWHNNN	0
M01438	Irx5?	NNRBTAATTANYHNWN	0.3374
M01439	Dlx-1	NNNNDNTAATTANB	-0.368
M01443	Msx1	VVNDTAATTANNHHAD	-0.76008
M01444	PMX2A	NNNHRYTAATTARBNV	0
M01446	Barhl2	NHHAANCAATTAANNN	0.05886
M01447	PITX2	NDANRGGATTARYNNNN	0
M01449	Cdx-2	NNNRGYMATAAAHNNN	-1.08377
M01452	HOXA5	VNNBTAATTAVNHNDN	-0.22988
M01453	CART1	NNNNTTAATTAANNNNN	0.97143
M01454	HOXC5	VNHRBTAATTAVNNNNN	1.46679
M01455	En-2	WVNNYTAATTARYNNNN	0
M01458	PREP1	DDABASCTGTCAWWNN	-7.01288
M01460	HOXB6	HWDNNKTAATTACNNN	-0.93038
M01461	EMX2	WVNNYTAATTARYNNNN	0
M01462	POU6F1	NHNNATATGASWNNN	4.60603
M01464	HOXA10	DANRYMATWAAWHDHW	-2.62408
M01465	Pit-1	NNNKATTAATTAWNNN	0
M01468	Dlx-2	VNGDYAATTRBHHNNN	-1.67608
M01469	NKX6.1	NNYWATTAATKABNYN	-0.13267
M01471	Lhx3	NNHRTTAATTAADWHNN	0.0626
M01473	Brn-4	NNNDAATTAATTANNNN	2.31303
M01474	Esx1	NNNNRYTAATTARNNNW	0
M01475	Evx-1	WVNNNSTAATTASYNNNN	1.2488
M01476	POU2F3	NNNTATGCAAATNNNN	0
M01477	Octamer	NNNWNYTAATTARBNNN	0
M01479	POU6F1	NHNVWTAATKAGBWNNN	0
M01481	HMX1	NNNRGCAATTAANNVNN	0.58888
M01482	Nkx3-2	NHNVNSCACTTNDNNNN	2.70283
M01484	Pitx1	NNNNRGGGATTAAMDNN	3.1999
M01486	Dlx7	NNNNNDTAATTANHNNB	0
M01487	HOXA1	NHNNRBTAATTAVNNB	1.46067
M01488	Meis2	NDABASCTGTCAWWNN	2.55368
M01489	NKX6.1	NNNDATTAATTAWNNNB	0
M01589	ERR2 (ESRRB)	YCAAGGTCANNN	5.86672
M01592	LBP9 (TFCP2L1)	CYRGHNNVNRCYRGHYN	1.5602
M01595	STAT3	NNTKCYRGGAANNVNN	3.46729
M01596	GLI3	BTGGGTGGYCH	8.47776
M01600	PNR	RAWRTCAAARRTCA	-0.22293
M01601	P53	DRRCATGYHRGRCWTGYYH	25.58287
M01652	p63	RRNCWWGBYVRRCHWGYYB	0
M01658	AML1	TGTGGTK	1.12183
M01661	Nfil3?	BTCARTVDR	-2.96283
M01666	STAT4	TTCMNNKAADHNMV	0
M01702	GLI1	GACCACCCANG	0
M01703	GLI2	GACCACCCANS	2.87139
M01704	GLI3	GACCACCCANK	0.44829
M01705	TCF4	NYTTTGATS	0
M01716	MATH1	NCASCTGKYN	6.48338
M01719	OTX2	DVDVVGATTARNN	1.06617
M01722	RORBETA	TGACCYA	0
M01723	SATB1	WKWWWTAAHGRYWNWW	-0.62133
M01724	TERALPHA	NNBBRGGTCAV	3.86776
M01725	TR4	MSTGACCTYTS	0
M01726	EAR2	YNNNCTTTGNCCYN	6.0929
MA0017	NR2F1	TGAMCTTTGVMCHB	0
MA0024	E2F1	TTTSGCGC	0
MA0025	NFIL3	TTAYGTAAYN	-2.9637
MA0028	ELK1	NNMMCGGAAR	8.71932
MA0030	FOXF2	BNHNSGTAAACAHN	-0.13307
MA0031	FOXD1	GTAAACAN	0.9628
MA0050	IRF1	WNAVYGAAASY	4.89807
MA0051	IRF2	SGAAASYGAAASYNWSWHH	6.32303
MA0052	MEF2A	CTRTTTWTAG	0
MA0055	Myf	MRRCARCWGSWG	1.07874
MA0058	MAX	DRHCACGTGN	0
MA0059	MYC::MAX	DRSCACGTGGY	-6.48463
MA0069	Pax6	TTYACGCWTSANTK	0
MA0070	PBX1	NNATCAATCAWN	0
MA0071	RORA_1	WWNDAGGTCA	-0.00638
MA0072	RORA_2	NDWAWBTAGGTCAN	0
MA0074	RXRA::VDR	RGGTCAHNGRGTTCR	-0.00338
MA0076	ELK4	ACCGGAAGY	0
MA0077	SOX9	DWACAATRG	0
MA0080	SPI1	NGGAAGT	1.61764
MA0083	SRF	DMCCWTATAWGG	0
MA0090	TEAD1	VNCATTCCWSNK	0
MA0091	TAL1::TCF3	NNAMCATCTGKT	0
MA0093	USF1	CACGTGD	1.8488
MA0101	REL	BGGRNWTTCC	0
MA0105	NFKB1	GGGGRWYCCCC	17.33078
MA0107	RELA	BGGRVTTTCC	4.07374
MA0112	ESR1	NNNNNRGGKCANNNTGMCCY	0
MA0119	TLX1::NFIC	TGGCABNDNGCCAA	-0.06633
MA0124	NKX3-1	DTACTTA	3.29383
MA0131	MIZF	NWNCGTCCGY	22.48288
MA0137	STAT1	NNHTTCCHRGAANNN	0.11672
MA0138	REST	NYCAGBACCNHGGACAGNDVM	0
MA0139	CTCF	VNDCCASYAGRKGGCRSHV	18.51283
MA0148	FOXA1	TGTTTRCWYWN	-1.66763
MA0150	NFE2L2	RTGACWHAGCA	0
MA0155	INSM1	TGYMWGGGGKYR	-3.2429
MA0159	RXR::RAR_DR5	RGKTCANVNRAGKTCA	0
MA0258	ESR2	NNRGGTCANNNTGHCCYN	0
TBX_[illegible]	TBX	HDHNTSACACNDAGGTGTBANDTK	17.0385