

Higher Elk-1 bound sites in R6/1:

motif_name	motif	motif_index	pvalue	cerror
Pax-6(pax6a), Pax-3(PAX3)	.....gtsaCGsty... (1804)	54	2.8e-07	0.47
Whn(Foxn1), AhR(AHR)	a..sACGC.. (1794)	55	5.1e-06	0.45
XBP-1(XBP1), HTF(XBP1)	.w...mCACGtca. (1635)	85	6.7e-05	0.47
CP2(TCF2L1), CP2/LBP-1c/LSF(TCF2L1), LBP9(TCF2L1)	gCTGG.t....Cy.S (1917)	129	0.00011	0.47
E2F(T13683), E2F(T13683), E2F(T13683), E2F-1(E2F-1), E2F(TFDP1), E2F(TFDP1), E2F(TFDP1), E2F-1(TFDP1), E2F-1(E2F-1)	yTtsGCGsg (1426)	128	0.00019	0.45
AhR, Arnt, HIF-1(AHR), HIF-2alpha(EPAS1)	rCGTG.. (1978)	135	0.00047	0.46
NERF1a(ELF2)	yr.CAGGAAGyr.sks.s (1023)	84	0.00085	0.47
NRF-1(RF1,NRF1)	CGCrTGCGCr (865)	99	0.0009	0.47
HSF1(LOC420362)	.tTCyrGrrs.tTCkym (935)	150	0.00096	0.47
LUN-1(TOPORS)	TCCCAGC.aCtttGGGA (529)	76	0.0018	0.47
STAT5A (homotetramer)(STAT5A)	TtCs..GaA.....ttcc..g.r (1177)	70	0.0044	0.48
Roaz(Zfp423)	GCACCCawGGGTGm (552)	73	0.011	0.48
ZID(ZID)	gGCTCyaksryc (1588)	15	0.015	0.47
Rhox11(Rhox11), Rhox11(Rhox11)	....cGcTGTwaw.... (1794)	213	0.018	0.48
RBP-Jkappa(Rbpj), RBP-Jkappa(Rbpj)	..cGTGgGAA. (1839)	162	0.024	0.48
TGIF(TGIF), TGIF1(TGIF), MRG2(Meis3), TGIF2(TGIF2), PKNOX2(PKNOX2), Meis1(Meis1,MEIS1), PREP1(PKNOX1), Meis2(Meis2)	....AsCTGTCAa.. (1266)	232	0.025	0.47
HEN1(Nhlh1), HEN1(Nhlh1)	gg.c.CAgcTGcg.ccc (1274)	9	0.026	0.48
GATA-1(Gata1), Hdx(Hdx), CDP(CUTL1,utl1), CDP(CUTL1,utl1)	r....ttgATya..... (2057)	209	0.026	0.48
myogenin / NF-1(NFIC,FIC)	crsctsyks..tytgGcrss.GCCar.. (762)	7	0.026	0.48
MECP2(MECP2)	CCGm.tww. (1390)	198	0.026	0.48
CNOT3(Cnot3)	ssCCGCss.s (1195)	188	0.027	0.48
E2F-1(E2F-1)	kksgCGssr.a..G.m (1202)	127	0.027	0.47
RNF96(Trim28)	scCCGCrGCc (1673)	175	0.027	0.48
E2F(E2F-1)	t.sSCGsGAAAAykr (581)	3	0.036	0.47
AP-4(TFAP4), AP-4(TFAP4), HEB(TCF12), AP-4(TFAP4)	r.CaGcTGc (2327)	124	0.04	0.48
OTP(Otp), Vsx1(Vsx1), HOXA7(hoxa7), Lhx5(LHX5,Lhx5), Oct-1(POU2F1), PMX2B(PHOX2B), Imx1b(LMX1B), Lhx9 (Lhx9), HOXC4(OXC4,HOXC4), HOXA4(Hox-1.4), HOXC6(HOXC6), Alx-4(Alx-4), Lim-1(Lhx1), HOXB4(hoxb4), HOXC5 (HOXC5), Uncx-4.1(Uncx4.1), Octamer(POU3F2)	c...tAATTAa... (1038)	219	0.045	0.48
CTCF(Ctcf), CTCF(Ctcf)	...cCas.aGrkGGcrs (1514)	191	0.045	0.47
MTF-1(MTF1)	tsTGCrCmCggccs (1097)	98	0.046	0.48
MEF-2(Mef2a), MEF-2(MEF2A), MEF-2(MEF2A), MEF2A(Mef2a)	rGyTATtTTAr (557)	199	0.058	0.48
ZBRK1(ZNF350)	GGGsmrCAG...tTk (964)	159	0.079	0.47

Lower Elk-1 bound sites in R6/1:

motif_name	motif	motif_index	pvalue	cerror
Egr-1(EGR1), NGFI-C(EGR4,Egr4), Egr-3(Egr3), Egr-2(Egr2,EGR2)	.tGCGtrGGcGk (592)	42	1.4e-11	0.42
XBP-1(XBP1), HTF(XBP1)	.w...mCACGtca. (862)	85	5.3e-05	0.46
Helios A(IKZF2)	.GGAaaa (1474)	144	0.00018	0.46
Brachyury(T)	....TsrCAcsTAGGTGTsAaatk (99)	30	0.00019	0.47
AhR, Arnt, HIF-1(AHR), HIF-2alpha(EPAS1)	rCGTG.. (1177)	135	0.00025	0.45
FPM315 (ZNF263)(ZNF263)	s.gGGAGsAss. (1098)	233	0.00032	0.46
Whn(Foxn1), AhR(AHR)	a..sACGCy. (1067)	55	0.00037	0.45
RNF96(Trim28)	scCCgCrGCc (986)	175	0.00076	0.46
Ik-1(Ikzf1), Ik-3(Ikzf1)	y.yGGGAAt... (1081)	16	0.001	0.46
Oct-4 (POU5F1)(POU5F1), Oct-4 (POU5F1)(POU5F1)	wTTsw.wTgcwraw (854)	165	0.0017	0.45
RBP-Jkappa(Rbpj), RBP-Jkappa(Rbpj)	..cGTGgGAA. (1034)	162	0.0019	0.46
PEA3(Etv4), ELF1(Elf1), GABP-alpha(GABPA)	cTTCCk (1355)	242	0.002	0.47
NF-1(NFIC,FIC), CTF1(NFIC,FIC)	tTGGC..... (1341)	34	0.0022	0.47
E2F(E2F-1)	twSsCGsGAAAAykr (205)	3	0.0023	0.47
KAISO(Zbtb33)	.TCCTGC.A. (912)	163	0.0024	0.46
CTCF(Ctcf), CTCF(Ctcf)	...cCas.aGrkGGcrs (854)	191	0.0024	0.47
Nrf-2(NFE2L2,FE2L2)	.tsctgAGTCAk. (958)	121	0.0026	0.46
MTF-1(MTF1)	tsTGCrCmCggccs (590)	98	0.0026	0.47
TBX15(Tbx15)	AGGTGTkaAgGTGTGAAA (87)	194	0.0068	0.47
GCM(GCM1,M1)	c..rCCCgCAtk (841)	94	0.0077	0.47
E2F(E2F-1), E2F-1:DP-1(TFDP1,E2F1), E2F-1:DP-2(TFDP2,E2F1), E2F-4:DP-1(E2F4,TFDP1), E2F-4:DP-2 (E2F4,TFDP2), Rb:E2F-1:DP-1(TFDP1,E2F1,RB1)	tTTssCGS (778)	109	0.0078	0.47
c-Myc:Max(c-myc,MYC), Max(MAX,Max), c-Myc:Max(c-myc,MYC), Arnt(Arnt,ARNT), c-Myc:Max(c-myc,MYC), Stra13 (BHLHB2), c-Myc(c-myc,MYC), c-Myc(c-myc,MYC)	.kk..CACGTG (859)	41	0.0097	0.47
MAF(MAF)	trgrGGAAGTkkssk (334)	97	0.012	0.47
STAT5A (homotetramer)(STAT5A)	TtC...GaA.....Ttcc..g.r (507)	70	0.013	0.47
Nkx6-2(Nkx6-2), dlx3(Dlx-3), Dlx-2(Dlx-2), Dlx7(DLX4)	....rTAATTrcm (728)	216	0.017	0.47
S8(Prrx2), CHX10(Chx10), Pax-7(PAX7), pax6(pax6a), Shox2(SHOX2), OG-2(Nobox)	..yyAATTrr (1042)	208	0.018	0.47
NERF1a(ELF2)	yr.CAGGAAGyr.stsrs (491)	84	0.018	0.47
RFX1 (EF-C)(Rfx1)	mrwyrCyakGsaAm (610)	90	0.018	0.48
Lyf-1(Ikzf1), Ikaros(Ikzf1)	kytGGGAgg (1386)	171	0.02	0.47
MEIS1A:HOXA9(HOXA9), MEIS1B:HOXA9(HOXA9)	TGACAskTTtAyrr (416)	61	0.025	0.47