



Jump to: [Multiple Alignment](#) [Motif Tree](#) [Motif Matching](#)

Input file: 79 motifs loaded

Settings: Metric=PCC, Alignment=SWU, Gap-open=1000, Gap-extend=1000, -nooverlapalign

Multiple Alignment=IR, Tree=UPGMA, Matching against: TRANSFAC

Note: All results files are removed nightly at midnight EST. Please save your results by saving "Webpage, complete".

[Download results as a PDF](#)

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Multiple Alignment

(Consensus sequence representations shown, but multiple alignment was carried out on the matrices)

```

M0 : -----AAAGAAAAAAAAAAAAAAAAA
M1 : -----TTTTAAAAA-----
M2 : -----TTAAAAAAAAAAAA-----
M3 : -----AAAAGGAAAG-----
M4 : -----GGGGGAGGGGGGGGG-----
M5 : -----GGAAGGAAGG-----
M6 : -----GGGGGAGGAGGRGG-----
M7 : -----GGGGGGGGGGCGGGGC-----
M8 : -----GGGCGGGC-----
M9 : -----GGGGAGGGGG-----
M10 : -----GCAGCAGCCGG-----
M11 : -----GGGAGGGAGGGGG-----
M12 : -----GGAGGAGGG-----
M13 : -----GGGAGGGAGGG-----
M14 : -----GMGGGAGGG-----
M15 : -----GGGGGGGGGTGGGG-----
M16 : -----GGGGAAGGG-----
M17 : -----GGAGGCAGAGG-----
M18 : -----GGGGGTGGGG-----
M19 : -----AGGAGAAAG-----
M20 : -----GGGGAGGMG-----
M21 : -----AGAGGAAGM-----
M22 : -----GGCGGCGGCGGCGGCG-----

```

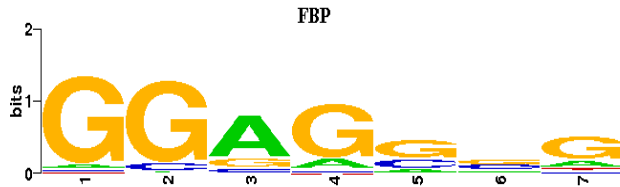
Stamp Results

04/30/14

M23: -----GGGGGAGGGGAG-----
M24: GGGGGGGGGGCGGGGCCGGGGGGG-----
M25: -----GGCTGGAGG-----
M26: ----GGGCGGCGGCGGCGGCGGGGGCGG-----
M27: -----GGGGGAGCAGAG-----
M28: -----CAGGGCTGGG-----
M29: -----CCCNGCAGG-----
M30: -----AAGATGGCGGCG-----
M31: -----GCCYGGAGC-----
M32: -----GRGGGCAGG-----
M33: -----GAGGTGAGG-----
M34: -----GGGAAAGAG-----
M35: -----GGAGCCCAG-----
M36: -----GGGGCTGWG-----
M37: -----GMGGGGCGGGG-----
M38: -----GCSCAGGCGC-----
M39: -----GMAGGGAAG-----
M40: -----GGGGTGGGGA-----
M41: -----GAGCMGCC-----
M42: -----GGAGGAGCC-----
M43: -----GCCCCGAGC-----
M44: -----GGAGGCMGC-----
M45: -----CGCGGGGCC-----
M46: -----AGGAAAA-----
M47: -----GAGGAAG-----
M48: -----AGGAGAG-----
M49: -----GGAGAGA-----
M50: -----GGAGGCTG-----
M51: -----TCTGCNG-----
M52: -----GGAGCTG-----
M53: -----GGAGGAG-----
M54: -----GGAAGSGG-----
M55: -----CAGRGCCT-----
M56: -----GGCAGA-----
M57: -----GGGGAGG-----
M58: -----CTGGGAG-----
M59: -----GCTGGGG-----
M60: -----GCAGAGGC-----
M61: -----CTGGGGMG-----
M62: -----GGGAGCYG-----
M63: -----CAGGCTG-----
M64: -----GGCGGGMG-----
M65: -----GCTGGGGC-----

M66: -----GCCTGGGA-----
 M67: -----GGCCTGG-----
 M68: -----CAGSCAGC-----
 M69: -----CCGGAAGY-----
 M70: -----GGAGCCAG-----
 M71: -----AGGCAGG-----
 M72: -----CTGAGGAA-----
 M73: -----GCCCAGAG-----
 M74: -----TGAAGGAA-----
 M75: -----SAGGGTGG-----
 M76: -----AGAAGCC-----
 M77: -----GGGACAGG-----
 M78: -----CCAGAGGC-----

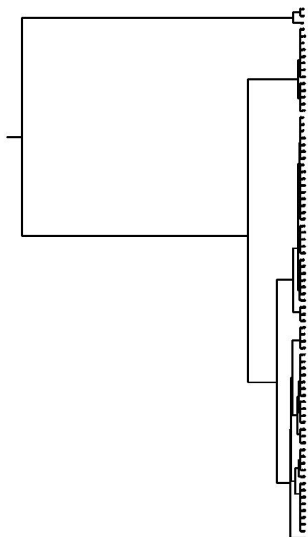
Familial Profile:
 (click for matrix)



Motif Tree

Tree (drawn by **Phylip**)

[Click here for Newick-format tree \(viewable with MEGA\)](#)




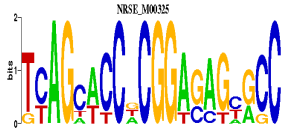

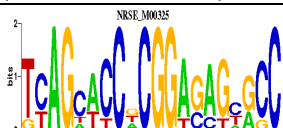

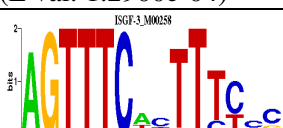


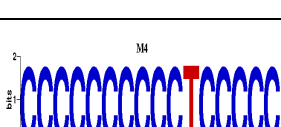
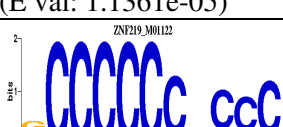
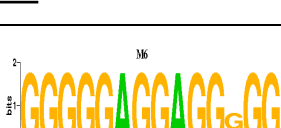
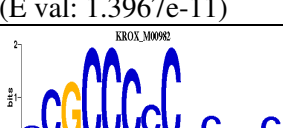
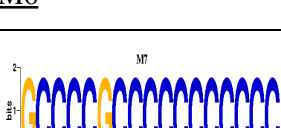
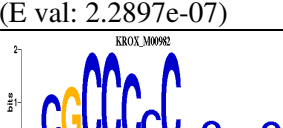




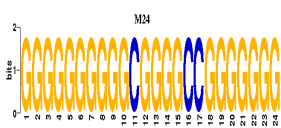

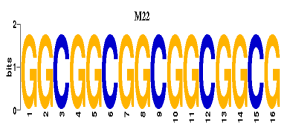
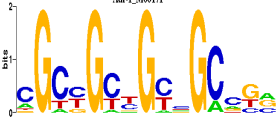
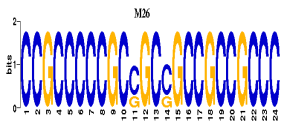
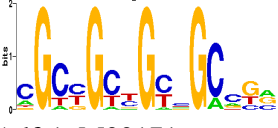





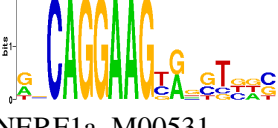


Input Motif


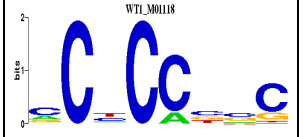
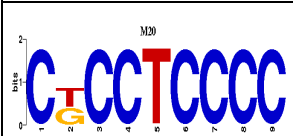

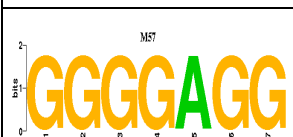

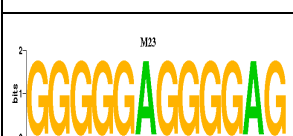

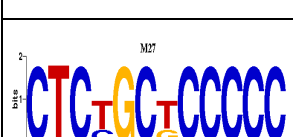

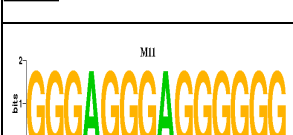
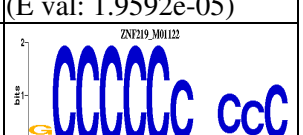



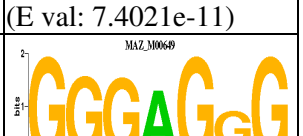
Best match in TRANSFAC

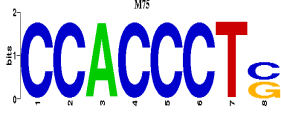

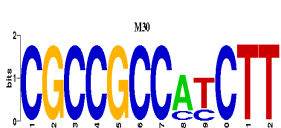



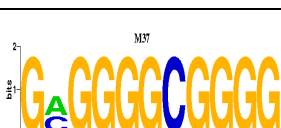



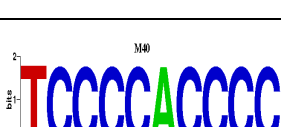


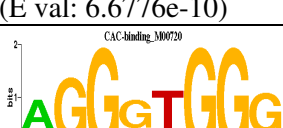


<p>M0</p>	<p>FOXPL_M00987</p>
<p>M0</p>	<p>FOXPL_M00987 (E val: 2.4128e-08)</p>
<p>M2</p>	<p>HFH4_M00742</p>
<p>M2</p>	<p>HFH4_M00742 (E val: 8.4360e-08)</p>
<p>M1</p>	<p>MEF-2_M00405</p>
<p>M1</p>	<p>MEF-2_M00405 (E val: 2.9868e-07)</p>

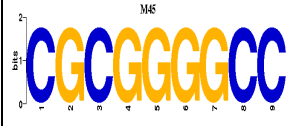







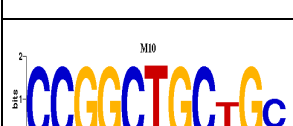




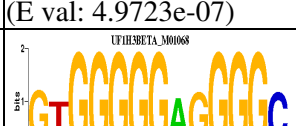

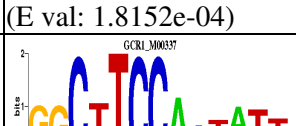
<p>M3</p>	<p>HSF_M00163</p>
<p>M46</p>	<p>Helios_M01004</p>
<p>M5</p>	<p>Ets_M00971</p>
<p>M74</p>	<p>MAF_M00648</p>
<p>M39</p>	<p>BLIMP1_M01066</p>
<p>M21</p>	<p>PU.1_M00658</p>
<p>M47</p>	<p>PU.1_M00658</p>
<p>M72</p>	<p>XPF-1_M00684</p>

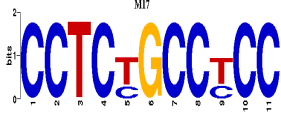






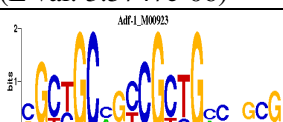



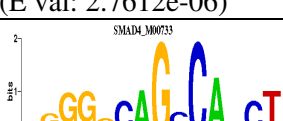


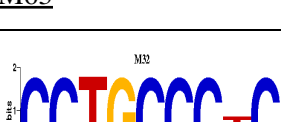
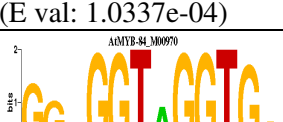
 <p>M19</p>	 <p>PU.1_M00658 (E val: 4.3309e-05)</p>
 <p>M48</p>	 <p>NRSE_M00325 (E val: 1.2900e-04)</p>
 <p>M49</p>	 <p>NRSE_M00325 (E val: 1.2900e-04)</p>
 <p>M34</p>	 <p>ISGF-3_M00258 (E val: 3.4165e-09)</p>
 <p>M77</p>	 <p>E2A_M00973 (E val: 1.1361e-05)</p>
 <p>M4</p>	 <p>ZNF219_M01122 (E val: 1.3967e-11)</p>
 <p>M6</p>	 <p>KROX_M00982 (E val: 2.2897e-07)</p>
 <p>M7</p>	 <p>KROX_M00982 (E val: 4.3299e-15)</p>


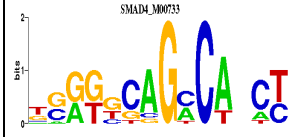
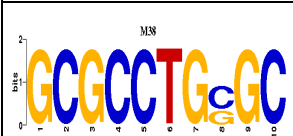
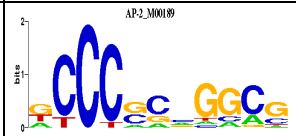
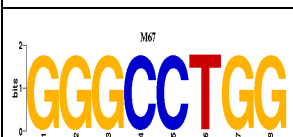
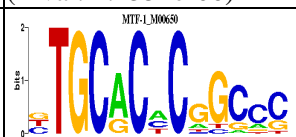






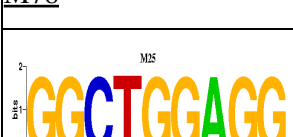


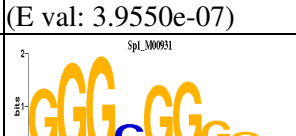
<p>M15</p> 	<p>ZNF219_M01122</p>  <p>(E val: 1.0769e-12)</p>
<p>M24</p> 	<p>KROX_M00982</p>  <p>(E val: 1.4322e-14)</p>
<p>M22</p> 	<p>Adf-1_M00171</p>  <p>(E val: 0.0000e+00)</p>
<p>M26</p> 	<p>Adf-1_M00171</p>  <p>(E val: 7.6605e-15)</p>
<p>M9</p> 	<p>UF1H3BETA_M01068</p>  <p>(E val: 1.3683e-11)</p>
<p>M16</p> 	<p>UF1H3BETA_M01068</p>  <p>(E val: 2.3808e-10)</p>
<p>M54</p> 	<p>NERF1a_M00531</p>  <p>(E val: 9.0341e-06)</p>
<p>M12</p> 	<p>UF1H3BETA_M01068</p>  <p>(E val: 4.1818e-08)</p>



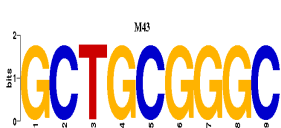
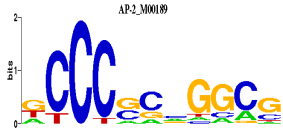
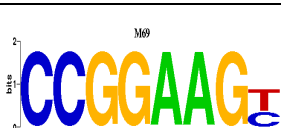





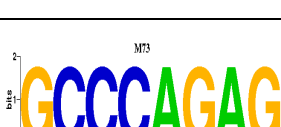
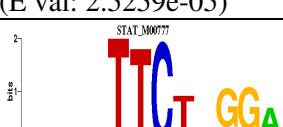

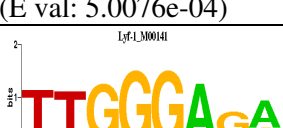

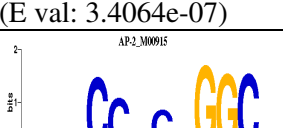
 <p>M53</p>	 <p>WT1_M01118 (E val: 2.8333e-05)</p>
 <p>M20</p>	 <p>UF1H3BETA_M01068 (E val: 2.4557e-07)</p>
 <p>M57</p>	 <p>UF1H3BETA_M01068 (E val: 7.7885e-09)</p>
 <p>M23</p>	 <p>UF1H3BETA_M01068 (E val: 7.6150e-13)</p>
 <p>M27</p>	 <p>UF1H3BETA_M01068 (E val: 1.9592e-05)</p>
 <p>M11</p>	 <p>ZNF219_M01122 (E val: 6.4572e-12)</p>
 <p>M13</p>	 <p>TFII-I_M00706 (E val: 7.4021e-11)</p>
 <p>M14</p>	 <p>MAZ_M00649 (E val: 3.6118e-10)</p>

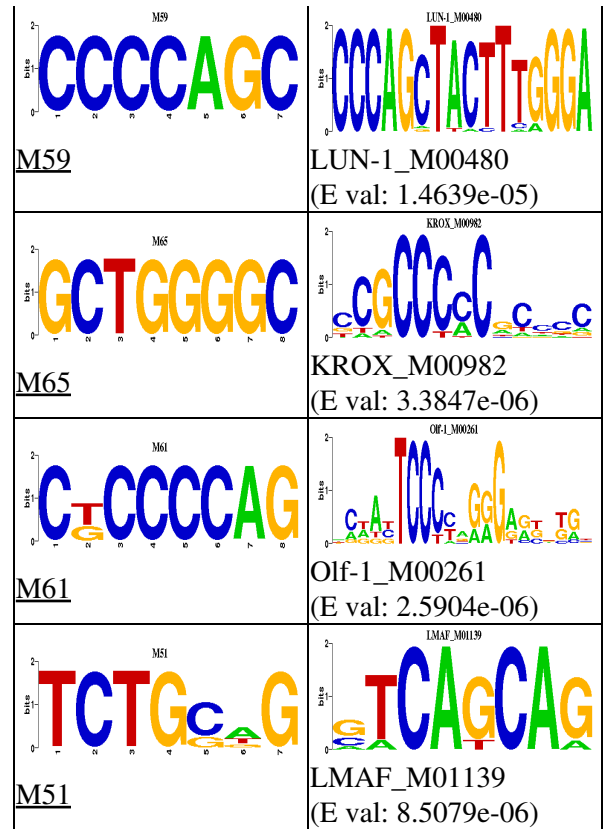
 <p>M75</p>	 <p>CAC-binding_M00720 (E val: 7.2673e-08)</p>
 <p>M30</p>	 <p>NF-muE1_M00651 (E val: 7.9612e-08)</p>
 <p>M8</p>	 <p>Sp1_M00933 (E val: 9.6519e-12)</p>
 <p>M37</p>	 <p>Sp1_M00196 (E val: 3.9909e-11)</p>
 <p>M18</p>	 <p>UF1H3BETA_M01068 (E val: 8.6375e-13)</p>
 <p>M40</p>	 <p>Alfin1_M00479 (E val: 6.6776e-10)</p>
 <p>M28</p>	 <p>CAC-binding_M00720 (E val: 1.1508e-07)</p>
 <p>M36</p>	 <p>Dde_M00304 (E val: 9.7409e-08)</p>

<p>M45</p> 	<p>GC_M00255</p>  <p>(E val: 9.1924e-06)</p>
<p>M33</p> 	<p>Alfin1_M00479</p>  <p>(E val: 4.7303e-06)</p>
<p>M52</p> 	<p>AP-4_M00927</p>  <p>(E val: 7.9388e-06)</p>
<p>M62</p> 	<p>ANT_M00501</p>  <p>(E val: 1.6924e-05)</p>
<p>M10</p> 	<p>TAL1_M00993</p>  <p>(E val: 1.8935e-06)</p>
<p>M41</p> 	<p>ERF2_M01057</p>  <p>(E val: 4.9723e-07)</p>
<p>M42</p> 	<p>UF1H3BETA_M01068</p>  <p>(E val: 1.8152e-04)</p>
<p>M76</p> 	<p>GCR1_M00337</p>  <p>(E val: 1.0830e-04)</p>

 <p>M17</p>	 <p>Adf-1_M00171 (E val: 1.5313e-05)</p>
 <p>M44</p>	 <p>GCR1_M00046 (E val: 1.7345e-05)</p>
 <p>M70</p>	 <p>BRK_M01096 (E val: 3.5747e-06)</p>
 <p>M68</p>	 <p>Adf-1_M00923 (E val: 6.4715e-06)</p>
 <p>M71</p>	 <p>E2A_M00973 (E val: 2.7612e-06)</p>
 <p>M50</p>	 <p>SMAD4_M00733 (E val: 4.8026e-05)</p>
 <p>M63</p>	 <p>HAC1_M00730 (E val: 1.0337e-04)</p>
 <p>M32</p>	 <p>AtMYB-84_M00970 (E val: 8.9345e-08)</p>

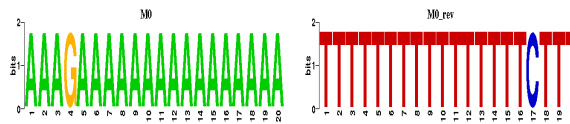
<p>M56</p> 	<p>SMAD4_M00733</p>  <p>(E val: 4.4387e-05)</p>
<p>M38</p> 	<p>AP-2_M00189</p>  <p>(E val: 1.4331e-06)</p>
<p>M67</p> 	<p>MTF-1_M00650</p>  <p>(E val: 1.3716e-04)</p>
<p>M55</p> 	<p>Eve_M00629</p>  <p>(E val: 2.6537e-04)</p>
<p>M60</p> 	<p>HSF_M00641</p>  <p>(E val: 7.7232e-05)</p>
<p>M78</p> 	<p>HSF_M00641</p>  <p>(E val: 3.2414e-07)</p>
<p>M25</p> 	<p>Barbie_M00238</p>  <p>(E val: 3.9550e-07)</p>
<p>M64</p> 	<p>Sp1_M00931</p>  <p>(E val: 6.3812e-06)</p>

 <p>M31</p>	 <p>AP-2alpha_M00469 (E val: 6.7515e-05)</p>
 <p>M43</p>	 <p>AP-2_M00189 (E val: 4.4952e-06)</p>
 <p>M69</p>	 <p>c-Ets-1_p54_M00032 (E val: 8.8705e-12)</p>
 <p>M29</p>	 <p>HEB_M00698 (E val: 3.0955e-07)</p>
 <p>M35</p>	 <p>YY1_M00069 (E val: 2.5259e-05)</p>
 <p>M73</p>	 <p>STAT_M00777 (E val: 5.0076e-04)</p>
 <p>M58</p>	 <p>Lyf-1_M00141 (E val: 3.4064e-07)</p>
 <p>M66</p>	 <p>AP-2_M00915 (E val: 4.1427e-07)</p>



Motif Similarity Matches

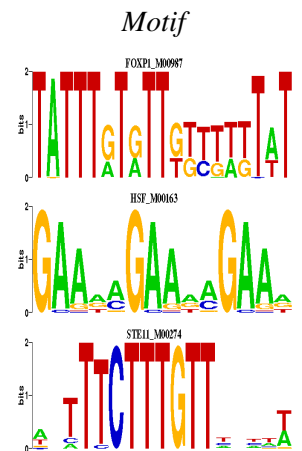
M0



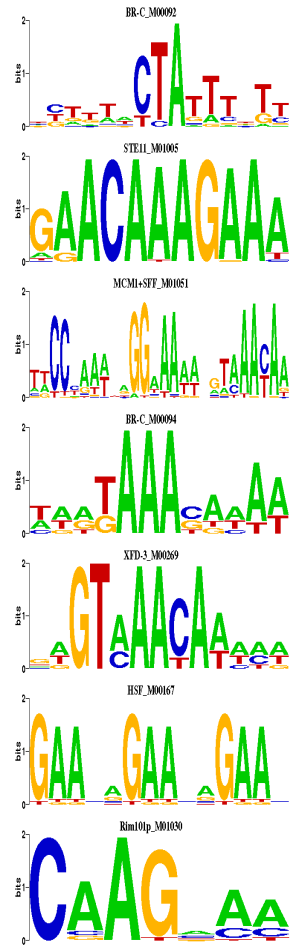
forward

reverse compliment

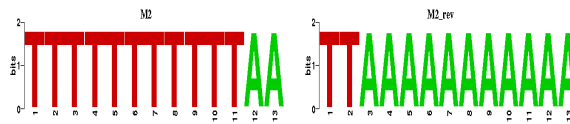
Name	E value	Alignment
FOXP1_M00987	2.4128e-08	AAAGAAAAAAAAAAAAAAAAA -ATAAAAAACAACAAATA
HSF_M00163	4.2848e-08	TTTTTTTTTTTTTTTCTTT ---NTTCTNTTCTNTTC---
STE11_M00274	7.0725e-08	AAAGAAAAAAAAAAAAAAAAA- ----WNNNNAACAAAGAAANW



BR-C_M00092	1.5064e-07	AAAGAAAAAAAAAAAAAAAAAA ----RANAAATAGNWNNNN-
STE11_M01005	5.6586e-07	TTTTTTTTTTTTTTTTTCTTT -----TTCTTTGTTC---
MCM1+SFF_M01051	6.3557e-07	TTTTTTTTTTTTTTTTTCTTT----- -TTRTTTANNTWTNCCNNWTTNGGNA
BR-C_M00094	6.0444e-05	TTTTTTTTTTTTTTTTTCTTT -----TTWTSTTTAYWW
XFD-3_M00269	6.3144e-05	TTTTTTTTTTTTTTTTTCTTT -----WKWTTGTTTACWN-
HSF_M00167	2.1274e-04	TTTTTTTTTTTTTTTTTCTTT ---NTTCNNTTCNNTTC---
Rim101p_M01030	2.2806e-04	TTTTTTTTTTTTTTTTTCTTT -----TTNCTTG



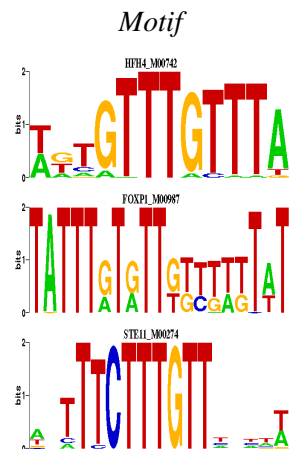
M2



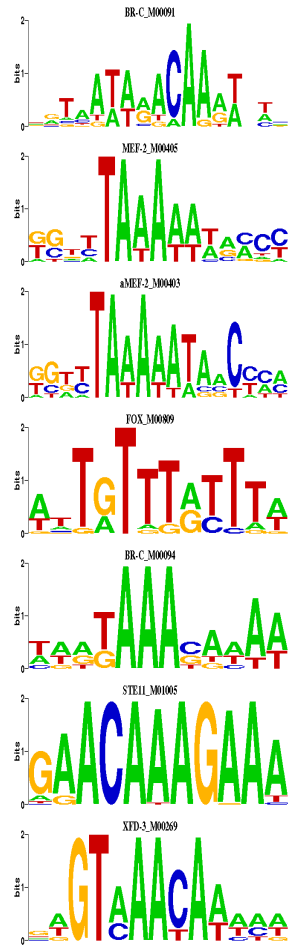
forward

reverse compliment

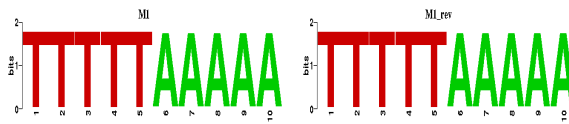
Name	E value	Alignment
HFH4_M00742	8.4360e-08	TTAAAAAAAAAAAA -TAAACAAACAMW
FOXP1_M00987	3.6818e-07	TTAAAAAAAAAAAA----- ATAAAAAACAACACAAATA
STE11_M00274	4.1898e-07	--TTAAAAAAAAAAAA-- WNNNNAACAAAGAAANW



BR-C_M00091	1.2900e-06	---TTTTTTTTTTTAA- NNNWYTTGTYTATNANN
MEF-2_M00405	1.6880e-06	TTTTTTTTTTTTTAA--- -RGKNWTTTTTANNM
aMEF-2_M00403	3.8895e-06	-TTTTTTTTTTTTTAA--- KKRGNTATTTTTARNCM
FOX_M00809	5.8279e-06	TTTTTTTTTTTTTAA ANTGTTTTTTTTW-
BR-C_M00094	5.9995e-06	TTAAAAAAAAAAAA -WWR TAAASAWAA
STE11_M01005	7.9143e-06	TTTTTTTTTTTTTAA TTTCTTTGTTC--
XFD-3_M00269	1.5010e-05	TTTTTTTTTTTTTAA-- --WKWTTGTTTACWN



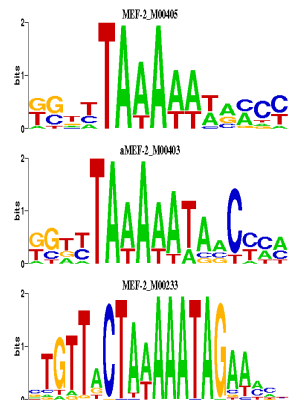
M1



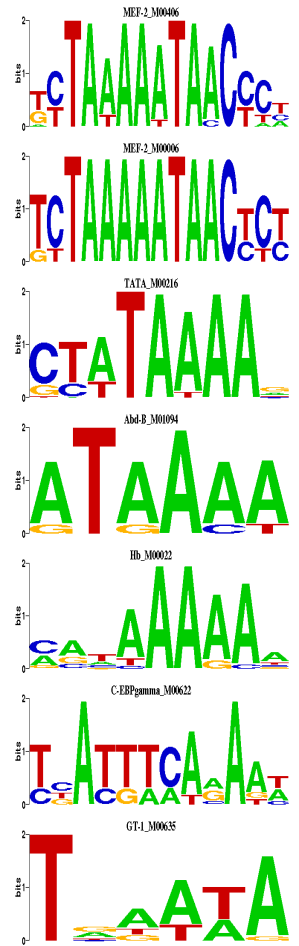
forward

reverse compliment

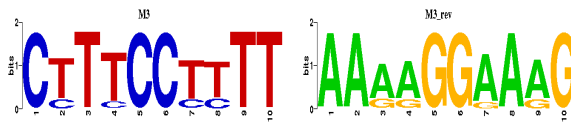
Name	E value	Alignment
MEF-2_M00405	2.9868e-07	-----TTTTTAAAAA RGKNWTTTTTANNM
aMEF-2_M00403	3.1767e-06	-----TTTTTAAAAA KKRGNTATTTTTARNCM
MEF-2_M00233	1.9584e-05	-----TTTTTAAAAA--- NNNTTCTATTTTTAGTAACAN



MEF-2_M00406	2.5426e-05	-----TTTTTAAAAA NGGGTTATTTTTAGM--
MEF-2_M00006	4.9225e-05	-----TTTTTAAAAA RGRGTTATTTTTAGA--
TATA_M00216	7.5424e-05	TTTTTAAAAA NTTTTATAG-
Abd-B_M01094	8.7874e-05	TTTTTAAAAA -TTTTAT---
Hb_M00022	1.2639e-04	-TTTTTAAAAA NTTTTTNYK--
C-EBPgamma_M00622	1.8426e-04	-TTTTTAAAAA- TNATTTCARAAW
GT-1_M00635	3.0590e-04	TTTTTAAAAA TWTNNA----



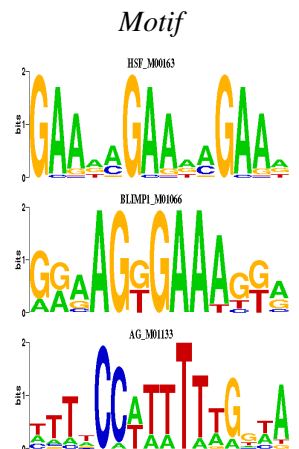
M3



forward


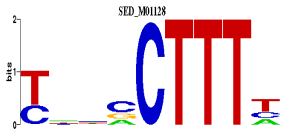





reverse compliment

Name	E value	Alignment
HSF_M00163	2.6874e-08	-AAAAGGAAAG--- GAANAGAANAGAAN
BLIMP1_M01066	3.7944e-08	-AAAAGGAAAG-- GRAAGKGAAAGKR
AG_M01133	1.4683e-07	-----AAAAGGAAAG TWNCAAAAAWGGNAAN

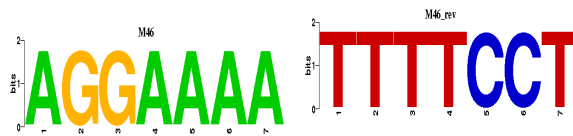


Stamp Results

04/30/14


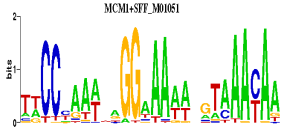
Elf-1_M00746	5.2958e-07	-AAAAGGAAAG NAAGAGGAART	
SED_M01128	1.5611e-06	AAAAGGAAAG NAAAGNNNA-	
MADS-A_M00408	6.8291e-06	CTTTCCTTT----- -TTTCCATTTTTNNWN	
ID1_M01021	7.6586e-06	AAAAGGAAAG AWAASGACAA	
MADS-B_M00404	8.3513e-06	-----AAAAGGAAAG NCYAAAAATGSAAA-	
PBF_M01130	1.5559e-05	CTTTCCTTTT ----CCTTT-	
Helios_M01004	2.5099e-05	-CTTTCCTTTT NTTTTCCTWN-	

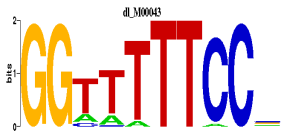
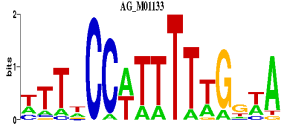





M46



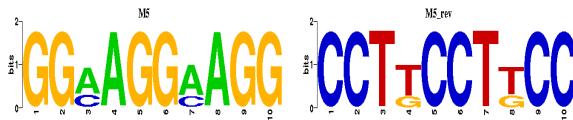
forward

reverse compliment

Name	E value	Alignment	Motif
Helios_M01004	6.4796e-10	-TTTTCT-- NTTTTCCTWN	
MCM1+SFF_M01051	1.5158e-07	-----AGGAAAA----- TNCNAAWNNGGNAAWANNTAAAYAA	


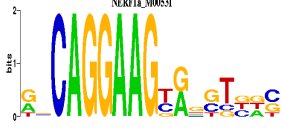
dl_M00043	1.4412e-06	AGGAAAA--- NGGAAAAACC	
AG_M01133	1.2806e-05	-----AGGAAAA TWNCAAAAAWGGNAAN	
NF-AT_M00302	2.8941e-05	--TTTTCT-- NNNTTCCWNN	
dl_M00120	2.9020e-05	---TTTTCT NGNTTTCYC	
Elf-1_M00746	4.2410e-05	TTTTCT---- AYTTCCTCTN	
Ets_M00971	6.2494e-05	-AGGAAAA NAGGAAG-	
PU.1_M00658	7.9074e-05	TTTTCT- -CTTCCTC	
STAT5B_M00459	1.0214e-04	TTTTCT----- NWTTCNGGAANYN	








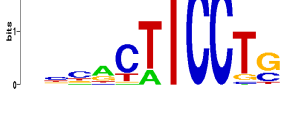
M5



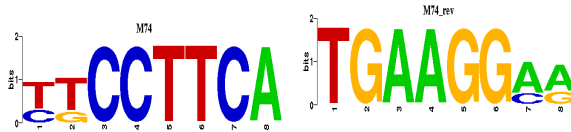
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Ets_M00971	3.3240e-06	GGAAGGAAGG --NAGGAAG-	
NERF1a_M00531	4.0523e-06	-----CCTTCCTTCC SNNASNYRCTTCTGNY	


PU.1_M00658	4.3260e-06	CCTTCCTTCC -CTTCTC--	
MAF_M00648	5.0929e-06	-----CCTTCCTTCC NSNMMACTTCCYYCN	
PEA3_M00655	9.9426e-06	GGAAGGAAGG ---MGGAWG--	
c-Ets-1_M00743	1.9430e-05	CCTTCCTTCC GCTTCK---	
Tel-2_M00678	5.0033e-05	GGAAGGAAGG-- --CAGGAAGTA	
GCR1_M00046	2.5861e-04	GGAAGGAAGG --GWGGAAGC	
Ttk_M00009	5.7942e-04	GGAAGGAAGG -GCAGGAC--	
Ets_M00771	1.0107e-03	GGAAGGAAGG--- --CAGGAAGYNNN	

M74



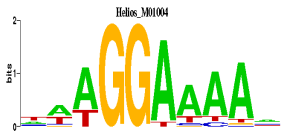








forward

reverse compliment

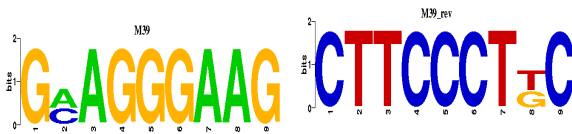
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAF_M00648	2.4919e-04	-----TTCCTTCA NSNMMACTTCCYYCN	

Stamp Results

04/30/14

Helios_M01004	3.7349e-04	---TTCCTTCA NTTTCCTWN-	
Ets_M00971	6.8615e-04	TGAAGGAA- --NAGGAAG	
PU.1_M00658	7.2224e-04	TGAAGGAA- --GAGGAAG	
Ttk_M00009	1.9635e-03	TGAAGGAA -GCAGGAC	
PBF_M01130	2.3437e-03	TTCCTTCA --CCTT-	
E4F1_M00694	2.3670e-03	TTCCTTCA- NTACGTCAC	
ATF2_M00179	2.9783e-03	--TTCCTTCA- NSTKACGTCAS	
ZID_M00085	3.1218e-03	--TGAAGGAA-- GRTGATRGAGCC	
CREB_M00177	3.6579e-03	-TGAAGGAA-- STGACGTANN	

M39



forward

reverse compliment

Name











E value

Alignment

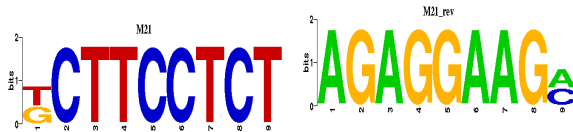
Motif

Stamp Results

04/30/14

BLIMP1_M01066	1.1612e-06	---CTTCCCTKC- YMCTTTCMCTTYC	
MAF_M00648	3.0552e-05	-----CTTCCCTKC NSNMMACTTCCYYCN	
TFII-I_M00706	3.1709e-04	CTTCCCTKC CCTMCNTC-	
PU.1_M00658	5.0834e-04	CTTCCCTKC CTTCCTC--	
Ets_M00971	5.1020e-04	GMAGGGAAG --NAGGAAG	
c-Ets-1_M00743	5.2115e-04	-CTTCCCTKC GCTTCK---	
GATA-4_M00632	5.3032e-04	CTTCCCTKC---- --TSYCTKNTATC	
PEA3_M00655	5.7414e-04	GMAGGGAAG ---MGGAWG	
Staf_M00264	7.5855e-04	CTTCCCTKC----- NNTCCANNNTNCMNNGCNN	
DEC_M00997	1.4344e-03	-CTTCCCTKC-- NNNTCACNTGNN	

M21

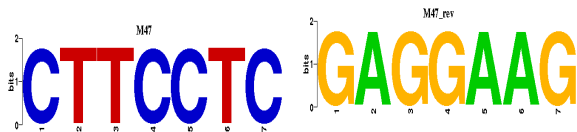


forward

reverse complement











<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	3.1182e-10	KCTTCCTCT -CTTCCTC-	
GCR1_M00046	5.9359e-10	AGAGGAAGM -GWGGAAGC	
Elf-1_M00746	7.7300e-09	KCTTCCTCT-- AYTTCCTCTTN	
GCR1_M00337	1.6284e-07	---AGAGGAAGM- AAWAGTGGGAAGCC	
Ets_M00971	8.7719e-07	AGAGGAAGM -NAGGAAG-	
c-Ets-1_M00743	1.5745e-06	KCTTCCTCT GCTTCCK--	
PEA3_M00655	3.0730e-06	AGAGGAAGM --MGGAWG-	
c-Ets-2_M00340	1.3270e-05	----KCTTCCTCT ANNNACTTCCTGY	
Tel-2_M00678	2.8877e-05	AGAGGAAGM- -CAGGAAGTA	
Elk-1_M00007	8.4602e-05	----KCTTCCTCT-- NNGNACTTCCKGTNN	

M47

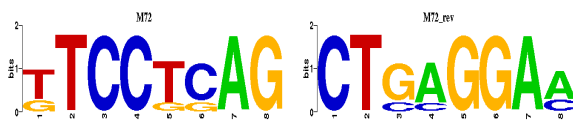


forward

reverse compliment











<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	5.1625e-12	CTTCCTC CTTCCTC	
GCR1_M00046	1.5110e-09	GAGGAAG- GWGGAAGC	
Ets_M00971	4.4604e-08	GAGGAAG NAGGAAG	
Elf-1_M00746	4.9663e-08	-CTTCCTC--- AYTTCCTCTTN	
PEA3_M00655	3.7403e-07	GAGGAAG -MGGAWG	
c-Ets-1_M00743	3.8793e-07	-CTTCCTC GCTTCCK-	
Tel-2_M00678	6.6175e-07	GAGGAAG-- CAGGAAGTA	
Ets_M00771	2.1296e-06	GAGGAAG---- CAGGAAGYNNN	
c-Ets-1_M00339	7.9503e-06	-----CTTCCTC NNMNNNACTTCCTG	
c-Ets-2_M00340	1.4196e-05	-GAGGAAG----- RCAGGAAGTNNNT	

M72

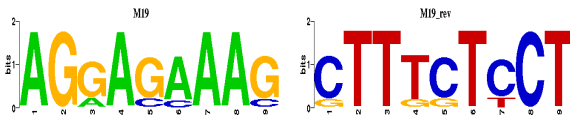


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
XPF-1_M00684	3.0952e-07	-TTCCTCAG GKTSNYCNG	
PU.1_M00658	5.5495e-07	-TTCCTCAG CTTCCTC--	
Elf-1_M00746	6.5396e-05	--TTCCTCAG- AYTTCCTCTTN	
GCR1_M00046	1.2391e-04	CTGAGGAA-- --GWGGAAGC	
Alx-4_M00619	3.9350e-04	----TTCCTCAG GATTATTCTCAG	
Ets_M00971	3.9966e-04	CTGAGGAA- --NAGGAAG	
AP-2alphaA_M01047	4.0792e-04	-----CTGAGGAA- ANMGCCTNAGGCKN	
c-Ets-1_M00743	1.2274e-03	--TTCCTCAG GCTTCCK---	
Dde_M00304	1.3051e-03	--CTGAGGAA GGCTGAGC--	
NF-E2_M00037	1.3724e-03	-TTCCTCAG- RIGACTCAGC	

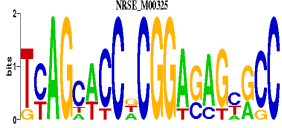

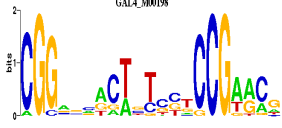







M19



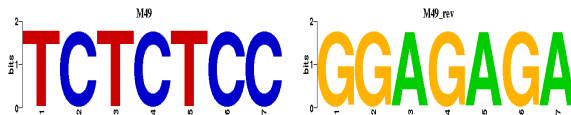
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	4.3309e-05	CTTTCTCCT CTTCCTC--	
BPC1_M01126	6.6897e-05	CTTTCTCCT NTTTC----	
HSF1_M01023	7.9982e-05	AGGAGAAAG----- -KRAGAANNNTTCYAGAA	
STE11_M01005	2.1318e-04	---CTTTCTCCT TTTCTTTGTTC-	
BLIMP1_M01066	6.8447e-04	--AGGAGAAAG-- GRAAGKGAAGKR	
dI_M00043	1.0764e-03	AGGAGAAAG- NGGAAAACC	
MAF_M00648	1.1156e-03	AGGAGAAAG----- NGRRGGAAGTKKNSN	
PPARalpha-RXRalpha_M00242	1.1901e-03	----CTTTCTCCT----- TGACCTTTGNCTAGWTYW	
dTCF_M00362	1.2323e-03	CTTTCTCCT- CTTTGATCTT	
IRF_M00972	1.2598e-03	CTTTCTCCT- NTTTCWNTTT	

M48



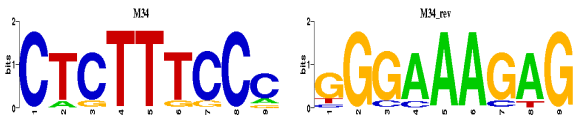
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
NRSE_M00325	1.2900e-04	----CTCTCCT----- GGCRCTCTCCGNGGTGCTGA	
MAZ_M00649	1.6991e-04	AGGAGAG GGGAGGG	
GAL4_M00198	2.2158e-04	-----AGGAGAG----- NGYTCGGNNNANAGNNNNCCG	
GAL4_M00049	7.0875e-04	-----CTCTCCT----- NNCGGNNNACWNTNSTCCGAAS	
T3R_M00963	1.0903e-03	-AGGAGAG NAGGWCAN	
SRF_M00810	1.7196e-03	-----AGGAGAG--- CCATATAWGGMMNNNNN	
Lyf-1_M00141	1.8218e-03	CTCTCCT-- -YCTCCAA	
NF-kappaB_M00208	2.5053e-03	----CTCTCCT GGGAYTTCCN	
LXR,_M00965	5.2279e-03	-----AGGAGAG--- NRGGTYANNNNAGGNC	
Nrf-2_M00108	6.6057e-03	--AGGAGAG CCGGAAGNS	

M49



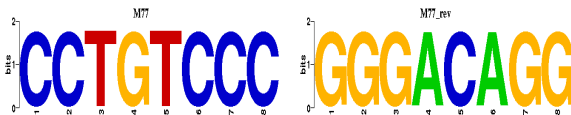
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
NRSE_M00325	1.2900e-04	---TCTCTCC----- GGCRCTCTCCNGGGTGCTGA	
MAZ_M00649	1.6991e-04	-GGAGAGA GGGAGGG-	
ARF_M00438	4.8424e-04	GGAGAGA- -GAGACAA	
Sry-beta_M00666	6.9259e-04	GGAGAGA--- --AGWGATGC	
GAGA_M00723	9.4852e-04	----TCTCTCC TYNCKCTCWS-	
HAP1_M00305	1.2911e-03	-----TCTCTCC- NCCGNTAWYNCCN	
Lyf-1_M00141	1.8218e-03	TCTCTCC--- --YCTCCCAA	
SMAD3_M00701	2.3354e-03	GGAGAGA- AGNCAGAC	
NF-kappaB_M00208	2.5053e-03	---TCTCTCC- GGGAYTTTCN	
IRF-1_M00747	5.8255e-03	GGAGAGA -AANTGA	


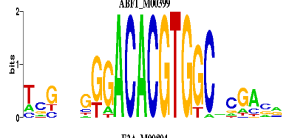
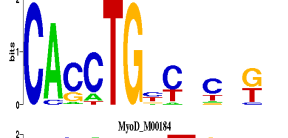



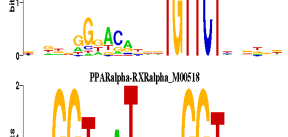

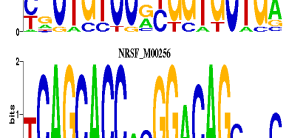

M34



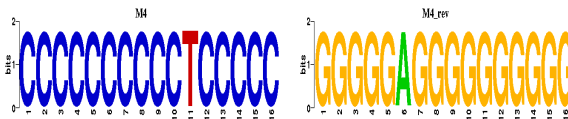
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<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ISGF-3_M00258	3.4165e-09	GGGAAAGAG----- GNGAAANWGAAACT	
BLIMP1_M01066	1.7535e-05	----GGGAAAGAG GRAAGKGAAAGKR	
BPC1_M01126	4.9667e-05	CTCTTTCCC --NTTTC--	
STAT1_M00492	8.4999e-05	GGGAAAGAG SGGAANT--	
E2F_M01114	1.9798e-04	CTCTTTCCC--- --NTTTCCTCCGCN	
Nrf-2_M00108	6.6073e-04	GGGAAAGAG CCGGAAGNS	
RBP-Jkappa_M01112	7.8495e-04	CTCTTTCCC---- ---KTTCCACGN	
NF-kappaB_M00208	8.4439e-04	--CTCTTTCCC GGGAYTTTCCN	
dI_M00043	8.9532e-04	GGGAAAGAG- NGGAAAAACC	
dI_M00120	1.0623e-03	-CTCTTTCCC NGNTTTTCYC	






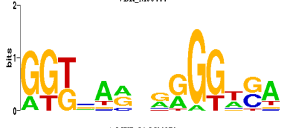


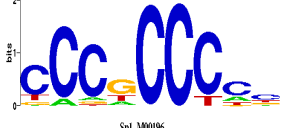

M77



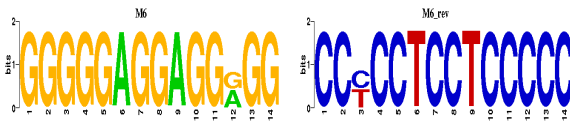
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00973	1.1361e-05	GGGACAGG-- --RNCAGNT	
ABF1_M00399	1.6497e-05	-----CCTGTCCC----- NNTCNNGCCACGTGTCCCNNNNW	
E2A_M00804	2.3811e-05	---GGGACAGG-- NMNGNGNCAGGTG	
MyoD_M00184	4.9602e-05	GGGACAGG--- --GNCAGNTGN	
LF-A1_M00646	5.8794e-05	CCTGTCCC -YWGASCC	
BLIMP1_M01066	6.2865e-05	-CCTGTCCC----- YMCTTTCMCTTYC	
PR_M00954	8.0816e-05	-----CCTGTCCC----- NNNNNNNAGAACANNNGTNCYNNNNN	
PPARalpha-RXRalpha_M00518	1.2686e-04	CCTGTCCC----- CNTSACCCCNATGACCNN	
NRSF_M01028	3.0210e-04	-----GGGACAGG-- TCAGCACCRYGGACAGNR	
NRSF_M00256	4.0914e-04	---CCTGTCCC----- GSYGCTGTCCGTGGTGCTGA	

M4



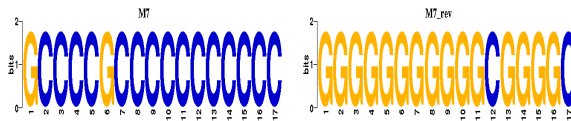
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3967e-11	GGGGGAGGGGGGGGGG-- -----GGNGGGGGGGN	
KROX_M00982	4.9460e-11	GGGGGAGGGGGGGGGG -GNNNGGGGGGCGG--	
UF1H3BETA_M01068	1.9899e-10	CCCCCCCCCTCCCC-- -----GCCCTCCCCRC	
MAZ_M00649	9.2524e-09	CCCCCCCCCTCCCC -----CCCTCC--	
MAZR_M00491	2.9574e-08	-GGGGGAGGGGGGGGG-- S-----SGGGGGGGMNN	
VDR_M00444	9.1407e-07	CCCCCCCCCTCCCC -TSWCCYNYNTMCC-	
AtMYB-84_M00970	1.8808e-06	CCCCCCCCCTCCCC-- -----SCACCTACCNC	
TFII-I_M00706	4.6670e-06	CCCCCCCCCTCCCC -----CCTMCNTC	
Sp1_M00933	1.1398e-05	CCCCCCCCCTCCCC -----CCCKCCCN	
Sp1_M00196	1.2707e-05	CCCCCCCCCTCCCC ----NNCCCCGCCCN	

M6



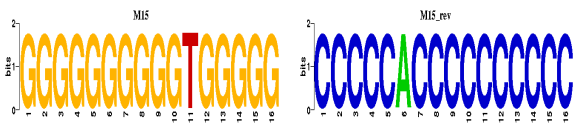
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	2.2897e-07	CCYCCTCCTCCCC CCGCCCCNCNNC-	
UF1H3BETA_M01068	2.9811e-07	CCYCCTCCTCCCC-- ---GCCCTCCCCRC	
AtMYB-84_M00970	6.1054e-07	CCYCCTCCTCCCC- ---SCACCTACCNC	
ZNF219_M01122	2.1891e-06	GGGGGAGGAGGRGG --GGNGGGGGGN-	
TFII-I_M00706	2.3083e-06	CCYCCTCCTCCCC -----CCTMCNTC	
MAZ_M00649	1.0546e-05	CCYCCTCCTCCCC -----CCCTCCC--	
VDR_M00444	5.1356e-05	-CCYCCTCCTCCCC TSWCCYYNYTNMCC-	
Tra-1_M01048	8.9597e-05	CCYCCTCCTCCCC -----ACCWCCC--	
PU.1_M00658	1.5919e-04	GGGGGAGGAGGRGG ----GAGGAAG---	
WT1_M01118	1.7272e-04	GGGGGAGGAGGRGG GNNGGNGN-----	










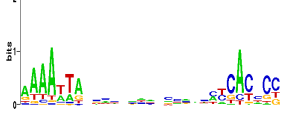
M7



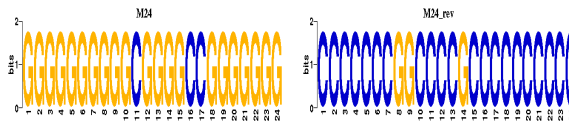
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	4.3299e-15	GGGGGGGGGGCGGGGC -GNNNGGGGGCG---	
ZNF219_M01122	5.2958e-14	GGGGGGGGGGCGGGGC -GGNGGGGGGN-----	
MAZR_M00491	1.6437e-10	GGGGGGGGGGCGGGGC --SGGGGGGGMNN---	
UF1H3BETA_M01068	7.0016e-10	GGGGGGGGGGCGGGGC ----GYGGGGAGGGGC	
GC_M00255	3.2502e-09	GGGGGGGGGGCGGGGC-- -----NNGGGCGGGCCNN	
Sp1_M00931	7.8003e-09	GCCCCGCCCCCCCCCCC NCCCCGCC-----	
Sp1_M00933	1.3378e-08	GCCCCGCCCCCCCCCCC --CCCKCCCCN-----	
Sp1_M00196	2.5188e-08	-GCCCCGCCCCCCCCCCC NNCCCCGCCCN-----	
Alfin1_M00479	7.6576e-07	GCCCCGCCCCCCCCCCC-- ----MNNCCCCACNYNYN	
AB14_M00958	2.6042e-06	GGGGGGGGGGCGGGGC-- -----GGCGGTGCN	

M15

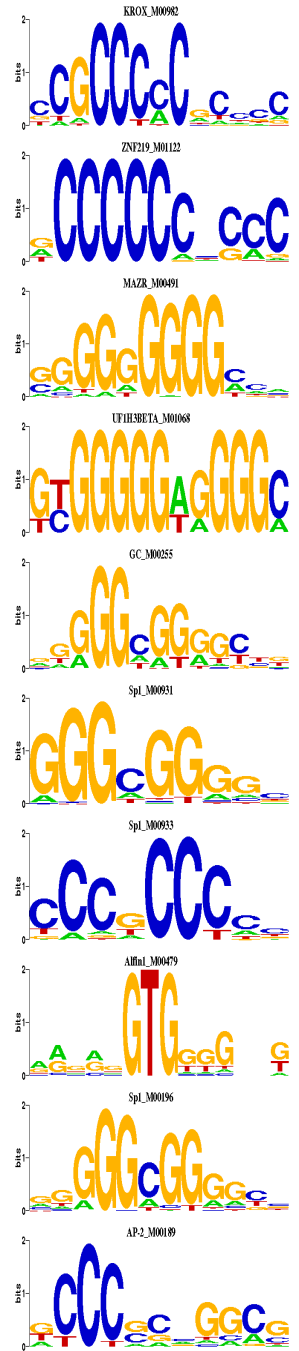


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.0769e-12	GGGGGGGGGGTGGGGG GGNGGGGGGN-----	
KROX_M00982	5.2712e-11	GGGGGGGGGGTGGGGG GNNNGGGGGCGG----	
RREB-1_M00257	2.6576e-10	GGGGGGGGGGTGGGGG -GGGTGGTTTGGG--	
UF1H3BETA_M01068	1.8441e-09	CCCCACCCCCCCCCC GCCCCCCCCRC---	
AtMYB-84_M00970	4.6458e-09	CCCCACCCCCCCCCC ---SCACCTACCNC-	
MAZR_M00491	2.9574e-08	GGGGGGGGGGTGGGGG SGGGGGGGGMNN----	
CAC-binding_M00720	3.5705e-07	GGGGGGGGGGTGGGGG -----RGGSTGGG--	
Alfin1_M00479	6.3427e-07	--CCCCACCCCCCCCCC MNNCCCCACNYNYN----	
GBF_M00633	1.1389e-06	CCCCACCCCCCCCCC ----NACCCNA----	
Pax-4_M00380	2.6594e-06	GGGGGGGGGGTGGGGG----- -NGNGTGNNNNNNNNNNNNNNNTAWTTTN	

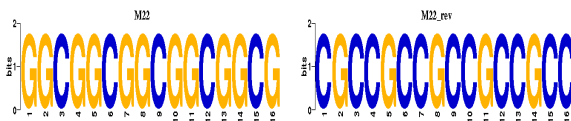
M24



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
KROX_M00982	1.4322e-14	GGGGGGGGGGCGGGGCCGGGGGGG -----GNNNGGGGGGCG-----
ZNF219_M01122	4.0523e-13	GGGGGGGGGGCGGGGCCGGGGGGG GGGNNGGGGGN-----
MAZR_M00491	1.9170e-09	GGGGGGGGGGCGGGGCCGGGGGGG -SGGGGGGGMNN-----
UF1H3BETA_M01068	6.2385e-09	GGGGGGGGGGCGGGGCCGGGGGGG ---GYGGGGAGGGGC-----
GC_M00255	2.7312e-08	GGGGGGGGGGCGGGGCCGGGGGGG -----NNGGGCGGGCENN-----
Sp1_M00931	4.0246e-08	CCCCCGGGCCCGCCCCCCCCCC -----NCCCCGCC-----
Sp1_M00933	6.7910e-08	CCCCCGGGCCCGCCCCCCCCCC -----CCKCCCCN-----
Alfa1_M00479	7.0358e-08	CCCCCGGGCCCGCCCCCCCCCC -----MNNCCCCACNYNYN-----
Sp1_M00196	2.2522e-07	CCCCCGGGCCCGCCCCCCCCCC -----NNCCCCGCCCN-----
AP-2_M00189	7.1923e-06	GGGGGGGGGGCGGGGCCGGGGGGG -----CGCCNGSGGN-----

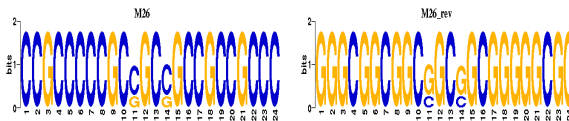


M22



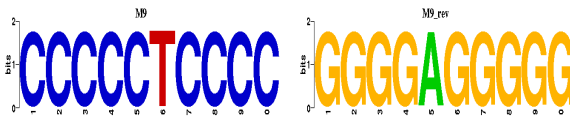
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00171	0.0000e+00	GGCGGCGGCGGCGGCG -NMNGCNRCRGRGCG	
Adf-1_M00923	4.4409e-16	----GGCGGCGGCGGCGGCG CRMNKKCAGCGRCKGCRGCS	
KROX_M00982	1.8772e-11	GGCGGCGGCGGCGGCG -GNNGNGGGGGCGG--	
ERF2_M01057	3.0241e-07	GGCGGCGGCGGCGGCG GGCGGC-----	
HEN1_M00058	1.2416e-05	--GGCGGCGGCGGCGGCG-- NNGGNCGCAGCTGCGNCCNNN	
ETF_M00695	5.0096e-05	CGCCGCCGCGCCGCC --CCGCCN-----	
NGFI-C_M00244	1.4336e-04	GGCGGCGGCGGCGGCG TGCGTGGGYGG-----	
AP-2_M00189	1.9723e-04	CGCCGCCGCGCCGCC NCCSCNNGCG-----	
Egr_M00807	4.9460e-04	CGCCGCCGCGCCGCC -NYYGCSCCA-----	
Egr-1_M00243	7.0651e-04	GGCGGCGGCGGCGGCG TGCGTGGGCGK-----	







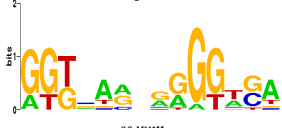

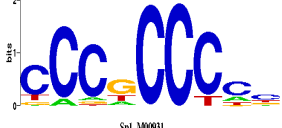

M26



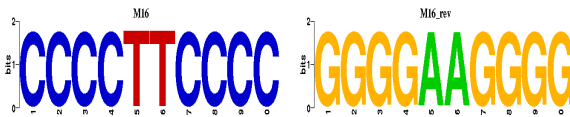
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00171	7.6605e-15	GGGCGGCGGCGGCGGCGGGGGCGG --NMNGCNRCRGRGCG-----	
KROX_M00982	1.9873e-14	GGGCGGCGGCGGCGGCGGGGGCGG -----GNNGNNGGGGGCGG	
Adf-1_M00923	1.3973e-11	GGGCGGCGGCGGCGGCGGGGGCGG ---CRMNKKCAGCGRCKGCRGCS-	
NGFI-C_M00244	2.9664e-07	CCGCCCCCGCCGCCCGCCCGCCC CCRCCCACGCA-----	
ERF2_M01057	1.1606e-06	GGGCGGCGGCGGCGGCGGGGGCGG -GGCGGC-----	
Egr-1_M00243	2.8986e-06	GGGCGGCGGCGGCGGCGGGGGCGG -----TGCGTGGGCGK	
Egr-2_M00246	5.6327e-06	CCGCCCCCGCCGCCCGCCCGCCC MCGCCCACGCA-----	
AP-2_M00189	1.1320e-05	CCGCCCCCGCCGCCCGCCCGCCC ----NCCSCNNGCG-----	
Egr-3_M00245	2.1361e-05	CCGCCCCCGCCGCCCGCCCGCCC ACGCCACGCA-----	
UF1H3BETA_M01068	3.1499e-05	CCGCCCCCGCCGCCCGCCCGCCC ---GCCCTCCCCRC-----	

M9



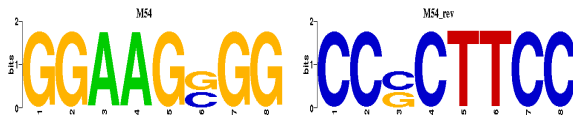
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	1.3683e-11	CCCCCTCCCC--- GCCCTCCCCCRC	
ZNF219_M01122	5.0548e-11	GGGGAGGGGG-- -GGNGGGGGGN	
KROX_M00982	3.3963e-10	GGGGAGGGGG--- GNNNGGGGGGCGG	
MAZ_M00649	3.6118e-10	CCCCCTCCCC --CCCTCCC-	
Sp1_M00196	2.4517e-08	-CCCCCTCCCC- NNCCCCGCCCCN	
MAZR_M00491	7.7746e-08	GGGGAGGGGG-- SGGGGGGGGMNN	
VDR_M00444	1.4888e-07	----CCCCCTCCCC TSWCCYYNYTNMCC	
GC_M00255	2.3682e-07	--CCCCCTCCCC- NNGCCCCGCCCN	
Sp1_M00933	2.7005e-07	CCCCCTCCCC- --CCCKCCCN	
Sp1_M00931	4.5479e-07	CCCCCTCCCC NCCCCGCC-	

M16



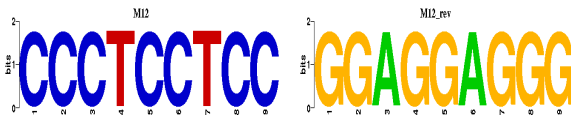
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	2.3808e-10	-CCCCTTCCCC-- GCCCCTCCCCCR	
VDR_M00444	1.4888e-07	----CCCCTTCCCC TSWCCYNYNTMCC	
AtMYB-84_M00970	9.2059e-07	-GGGGAAGGGG- GGNGGTAGGTGS	
ZNF219_M01122	1.9446e-06	GGGGAAGGGG-- -GGNGGGGGGN	
PU.1_M00658	4.2014e-06	CCCCTTCCCC ---CTTCCTC	
KROX_M00982	4.5495e-06	---CCCCTTCCCC CCGCCCCCN	
MAZ_M00649	1.6982e-05	CCCCTTCCCC --CCCTCCC-	
MAF_M00648	4.7059e-05	---CCCCTTCCCC-- NSNMMACTTCCYYCN	
STRE_M00308	6.7282e-05	-CCCCTTCCCC NCCCCT-----	
Sp1_M00196	1.0596e-04	--CCCCTTCCCC NNCCCCGCCCN	

M54



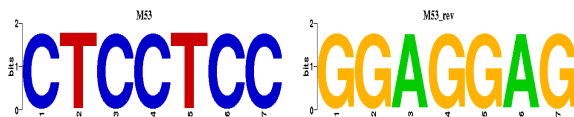
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
NERF1a_M00531	9.0341e-06	-----CCSCTTCC----- SNNASNYRCTTCCTGNY	
UF1H3BETA_M01068	2.1928e-05	-CCSCTTCC----- GCCCCTCCCCRC	
MAZ_M00649	3.0430e-05	CCSCTTCC -CCCTCCC	
c-Ets-1_M00743	1.1494e-04	CCSCTTCC- --GCTTCK	
STRE_M00308	1.4821e-04	-CCSCTTCC NCCCCT---	
ZNF219_M01122	1.5685e-04	-GGAAGSGG-- GGNGGGGGGN	
BLIMP1_M01066	1.7611e-04	-----CCSCTTCC YMCTTTCMCTTYC	
PU.1_M00658	2.2603e-04	CCSCTTCC-- ---CTTCTC	
Ets_M00971	2.2692e-04	--GGAAGSGG NAGGAAG---	
GCR1_M00046	2.3053e-04	--GGAAGSGG GWGGAAGC--	





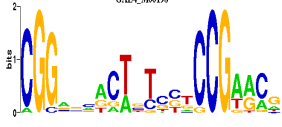

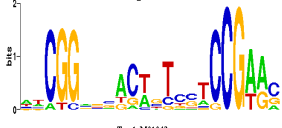



M12



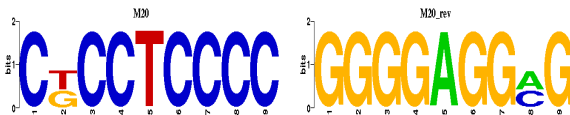
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	4.1818e-08	--CCCTCCTCC-- GCCCTCCCCRC	
ZNF219_M01122	1.9528e-07	-GGAGGAGGG- GGGNGGGGGN	
MAZ_M00649	7.4906e-07	CCCTCCTCC CCCTCCC--	
PU.1_M00658	1.5920e-05	GGAGGAGGG -GAGGAAG-	
Alfin1_M00479	3.3233e-05	----CCCTCCTCC- MNNCCCCACNYYN	
MAZR_M00491	1.1248e-04	GGAGGAGGG--- SGGGGGGGMNN	
Sp1_M00933	1.4123e-04	GGAGGAGGG NGGGGMGGG	
VDR_M00444	1.6743e-04	---CCCTCCTCC-- TSWCCYYNYTNMCC	
ROM_M00700	1.7947e-04	GGAGGAGGG TGASGTGG-	
WT1_M01118	3.6148e-04	GGAGGAGGG GNNGGNGN-	

M53



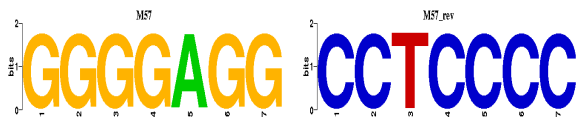
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
WT1_M01118	2.8333e-05	GGAGGAG- GNNGGNGN	
Nrf-2_M00108	3.2163e-05	CTCCTCC-- SNCTTCCGG	
MAZ_M00649	7.0083e-05	CTCCTCC- -CCCTCCC	
PU.1_M00658	1.0018e-04	-CTCCTCC CTTCTC-	
GAL4_M00198	1.0090e-04	-----GGAGGAG----- NGYTCCGNNNANAGNNNNCCG	
UF1H3BETA_M01068	1.3968e-04	-CTCCTCC----- GCCCTCCCCRC	
GAL4_M00049	1.8919e-04	-----CTCCTCC----- NNCGGNNNACWNTNSTCCGAAS	
Tra-1_M01048	4.8305e-04	CTCCTCC- -ACCWCCC	
Ttk_M00009	5.3972e-04	GGAGGAG GCAGGAC	
TFII-I_M00706	6.9259e-04	---GGAGGAG GANGKAGG--	

M20

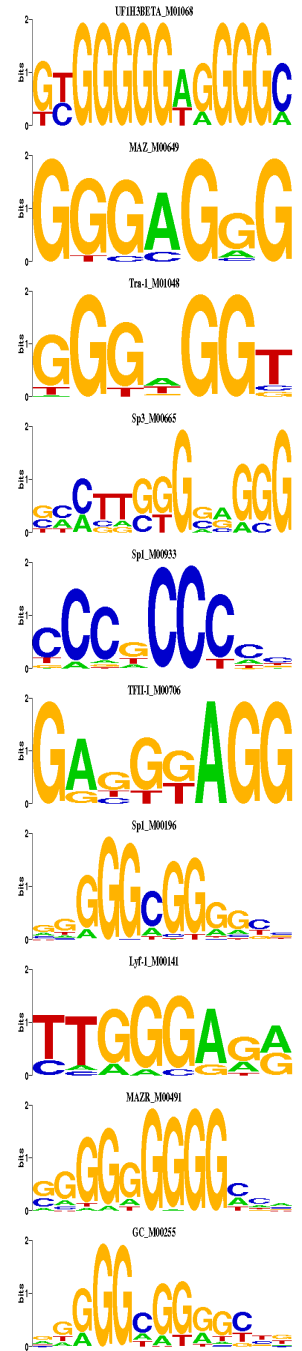


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	2.4557e-07	-KCCTCCCC--- GCCCTCCCCCRC	
MAZ_M00649	7.4906e-07	CKCCTCCCC -CCCTCCC-	
Tra-1_M01048	8.2984e-06	CKCCTCCCC -ACCWCCC-	
MAZR_M00491	1.6025e-05	-KCCTCCCC-- NNKCCCCCCCCS	
TFII-I_M00706	3.9388e-05	CKCCTCCCC- --CCTMCNTC	
Sp1_M00196	4.3674e-05	--KCCTCCCC- NNCCCCGCCCCN	
Sp1_M00933	5.0563e-05	-GGGGAGGMG NGGGGMGGG-	
GC_M00255	1.1729e-04	---KCCTCCCC- NNGCCCCGCCCNN	
Sp3_M00665	1.1813e-04	CKCCTCCCC----- -CCYSCCCAAGKS	
AtMYB-84_M00970	2.1048e-04	--GGGGAGGMG- GGNGGTAGGTGS	

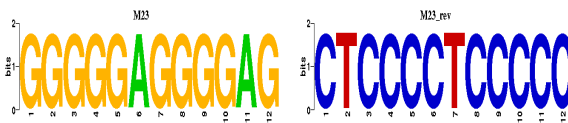
M57



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	7.7885e-09	---CCTCCCC--- GCCCTCCCCRC
MAZ_M00649	3.7198e-08	-CCTCCCC CCCTCCC-
Tra-1_M01048	5.9554e-07	-CCTCCCC ACCWCCC-
Sp3_M00665	8.8460e-07	-CCTCCCC----- CCCYSCCAAGKS
Sp1_M00933	1.3545e-06	-GGGGAGG- NGGGGMGGG
TFII-I_M00706	1.8610e-06	CCTCCCC- CCTMCNTC
Sp1_M00196	1.3794e-05	----CCTCCCC- NNCCCCGCCCN
Lyf-1_M00141	2.1620e-05	CCTCCCC- YCTCCCAA
MAZR_M00491	3.7628e-05	--GGGGAGG-- SGGGGGGGMNN
GC_M00255	4.3215e-05	-----CCTCCCC- NNGCCCCGCCNN

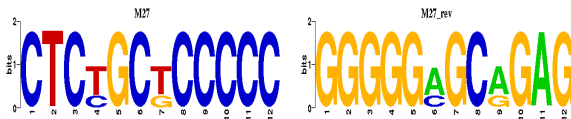


M23



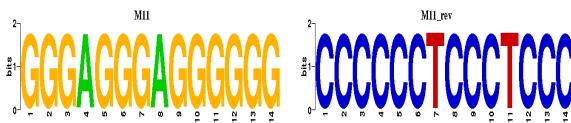
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	7.6150e-13	CTCCCCCTCCCC-- -GCCCCCTCCCCRC	
MAZ_M00649	1.9141e-09	CTCCCCCTCCCC ---CCCTCCC--	
ZNF219_M01122	1.4642e-08	GGGGGAGGGGAG GGGNGGGGGGN-	
MAZR_M00491	7.1164e-07	GGGGGAGGGGAG- -SGGGGGGGGMNN	
Sp1_M00196	7.9546e-07	CTCCCCCTCCCC NNCCCCGCCCCN	
TFII-I_M00706	1.0108e-06	CTCCCCCTCCCC ----CCTMCNTC	
Sp1_M00933	1.8060e-06	CTCCCCCTCCCC ---CCCKCCCN	
Sp1_M00931	2.9023e-06	CTCCCCCTCCCC -NCCCCGCC--	
FACB_M00388	4.6250e-06	---CTCCCCCTCCCC----- NNNNTCCNNTNSNNNNNGGAKNNNN	
KROX_M00982	5.3996e-06	-CTCCCCCTCCCC CCGCCCCCNCNNC	











M27



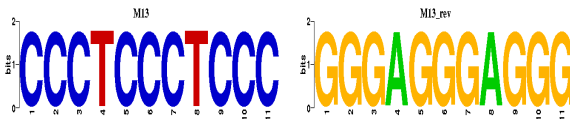
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	1.9592e-05	CTCTGCTCCCC-- -GCCCCTCCCCRC	
ZBRK1_M01105	3.3025e-04	----CTCTGCTCCCC AAANNCTGCKSCC--	
FACB_M00390	4.3129e-04	-----GGGGGAGCAGAG--- NWNNTCCNNNNNNNNNNKGANNNN	
MOVO-B_M01104	4.6215e-04	CTCTGCTCCCC-- -----CCCCN	
WT1_M01118	4.9274e-04	GGGGGAGCAGAG GNNGGNGN----	
Churchill_M00986	4.9952e-04	CTCTGCTCCCC -----NNCCC	
ZF5_M00333	6.0192e-04	CTCTGCTCCCC NWGCGCGYNYNY	
TFII-I_M00706	7.4643e-04	CTCTGCTCCCC ----CCTMCNTC	
Adf-1_M00171	8.6733e-04	CTCTGCTCCCC--- CGCYGCGYNGCNKN	
HEN1_M00068	1.0321e-03	-----CTCTGCTCCCC-- NNGGNCNCAGCTGNGNCCNNN	

M11



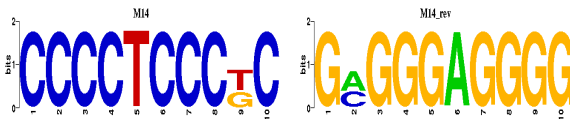
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	6.4572e-12	GGGAGGGAGGGGGG- ----GGGNGGGGGGN	
TFII-I_M00706	5.3452e-10	CCCCCTCCCTCCC ----CCTMCNTC--	
MAZ_M00649	3.8481e-09	CCCCCTCCCTCCC ---CCCTCCC----	
UF1H3BETA_M01068	2.5142e-08	GGGAGGGAGGGGGG GYGGGGGAGGGGC-	
AtMYB-84_M00970	4.2983e-06	GGGAGGGAGGGGGG -GGNGGTAGGTGS-	
CAC-binding_M00720	6.5900e-06	CCCCCTCCCTCCC ---CCCASCCY---	
Sp1_M00931	7.9641e-06	CCCCCTCCCTCCC -NCCCCGCC----	
MAZR_M00491	1.7252e-05	GGGAGGGAGGGGGG-- ----SGGGGGGGGMNN	
KROX_M00982	2.6578e-05	CCCCCTCCCTCCC- --CCGCCCCNCNNC	
MAF_M00648	3.2854e-05	--CCCCCTCCCTCCC NSNMMACTTCCYYCN-	

M13



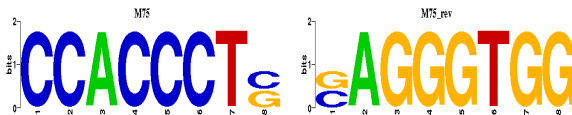
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TFII-I_M00706	7.4021e-11	CCCTCCCTCCC -CCTMCNTC--	
MAZ_M00649	8.6829e-10	CCCTCCCTCCC CCCTCCC----	
ZNF219_M01122	6.3440e-09	GGGAGGGAGGG GGGNGGGGGGN	
UF1H3BETA_M01068	2.4020e-07	--CCCTCCCTCCC GCCCTCCCCRC	
CAC-binding_M00720	1.5122e-06	CCCTCCCTCCC CCCASCCY---	
Tra-1_M01048	3.0499e-05	CCCTCCCTCCC ACCWCCC----	
VDR_M00444	4.5990e-05	--CCCTCCCTCCC- TSWCCYYNYTNMCC	
PU.1_M00658	5.5934e-05	GGGAGGGAGGG --GAGGAAG--	
KROX_M00982	1.7559e-04	-CCCTCCCTCCC- CCGCCCCCNCNNC	
Sp1_M00933	2.5349e-04	--GGGAGGGAGGG NGGGGMGGG----	


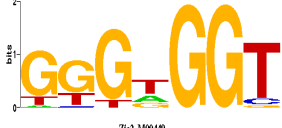





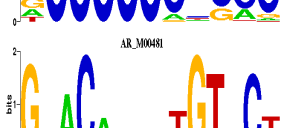

M14



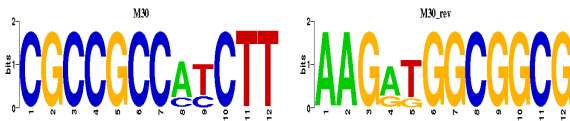
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	3.6118e-10	CCCCTCCCKC -CCCTCC--	
TFII-I_M00706	9.7731e-10	CCCCTCCCKC --CCTMCNTC	
UF1H3BETA_M01068	1.6498e-09	-CCCCTCCCKC-- GCCCCTCCCCRC	
ZNF219_M01122	1.3475e-07	GMGGGAGGGG--- --GGNGGGGGGN	
Sp1_M00931	4.5479e-07	-CCCCTCCCKC NCCCCGCC--	
FACB_M00388	1.7850e-06	-----CCCCTCCCKC----- NNNNTCCNNTNSNNNNNGGAKNNNN	
Sp1_M00932	1.0557e-05	--CCCCTCCCKC NNCCCCGCCCN	
Sp1_M00196	1.5665e-05	--CCCCTCCCKC NNCCCCGCCCN	
MAZR_M00491	1.6774e-05	GMGGGAGGGG--- -SGGGGGGGGMNN	
Tra-1_M01048	1.6910e-05	CCCCTCCCKC -ACCWCCC--	

M75



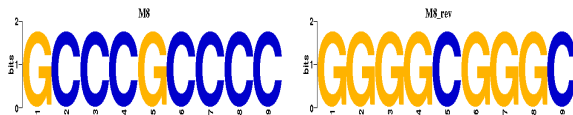
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	7.2673e-08	-CCACCCTS CCCASCCY-	
Tra-1_M01049	9.7768e-07	-CCACCCTS ACCNCCC--	
Zic2_M00449	1.3362e-06	--CCACCCTS NACCACCC--	
Zic1_M00448	2.0324e-06	--CCACCCTS GACNACCC--	
TFII-I_M00706	2.3519e-06	SAGGGTGG GANGKAGG	
Zic3_M00450	3.2022e-06	--CCACCCTS GANCMCCC--	
Tra-1_M01048	8.1207e-06	-CCACCCTS ACCWCCC--	
GLI_M01037	9.4391e-06	SAGGGTGG--- NTGGGTGGTCN	
ZNF219_M01122	2.8772e-05	-CCACCCTS-- NCCCCCNCCC	
AR_M00481	3.3154e-05	---CCACCCTS--- AGNACANNNTGTWC	

M30



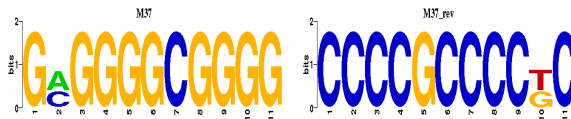
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
NF-muE1_M00651	7.9612e-08	AAGATGGCGGCG -AGATGGCC---	
ERF2_M01057	1.1096e-07	AAGATGGCGGCG -----GGCGGC-	
YY1_M00793	7.0074e-07	-AAGATGGCGGCG NAANATGG-----	
YY1_M00069	7.4737e-07	-----AAGATGGCGGCG WNSANNCAAGATGGCNGNN	
E2F-1_M00430	3.4976e-05	CGCCGCCATCTT --CCGCSAA---	
Adf-1_M00171	2.2653e-04	CGCCGCCATCTT--- CGCYGCGYNGCNKN	
BRK_M01096	2.3465e-04	AAGATGGCGGCG ---NTGGCG---	
ETF_M00695	5.9000e-04	CGCCGCCATCTT --CCGCCN----	
TFII-I_M00706	6.0435e-04	CGCCGCCATCTT --CCTMCNTC--	
E12_M00693	7.1497e-04	CGCCGCCATCTT- ---NNNCACCTGY	








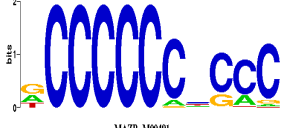


M8



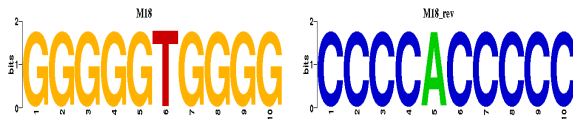
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp1_M00933	9.6519e-12	GCCCGCCCC- -CCCKCCCCN	
Sp1_M00196	6.4354e-10	--GCCCGCCCC- NNCCCCGCCCCN	
KROX_M00982	4.4259e-09	----GCCCGCCCC CCGCCCCCNCNNC	
GC_M00255	1.1696e-08	---GCCCGCCCC- NNGCCCCGCCCNN	
MAZR_M00491	3.0416e-08	--GCCCGCCCC- NNKCCCCCCCCS	
Sp1_M00931	3.2057e-08	-GCCCGCCCC NCCCCGCCC-	
ZF5_M00333	2.3460e-07	--GCCCGCCCC- NWGCGGYNYNY	
ZNF219_M01122	8.1223e-07	--GGGGCGGGC GGNGGGGGGN	
Sp1_M00932	1.1974e-06	--GCCCGCCCC- NNCCCCGCCCNN	
MAZ_M00649	1.8377e-06	GCCCGCCCC -CCCTCCC-	

M37

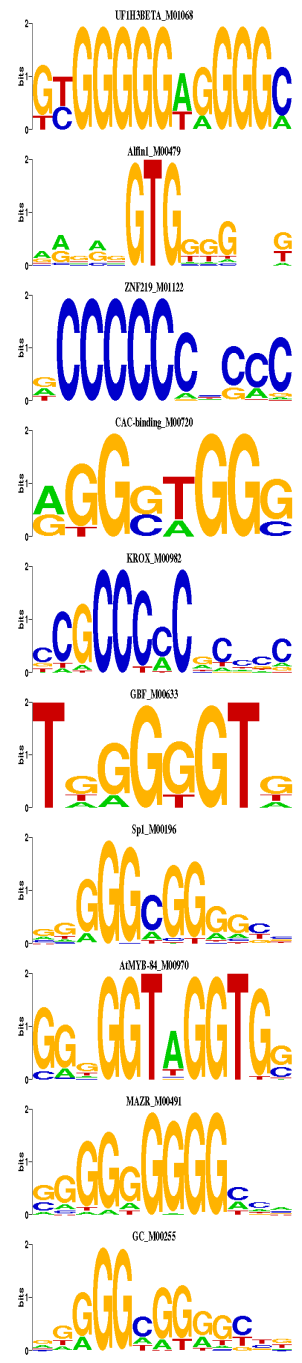


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp1_M00196	3.9909e-11	--CCCCGCCCCCKC NNCCCCGCCCCN--	
Sp1_M00931	1.7229e-10	-CCCCGCCCCCKC NCCCCGCCC---	
Sp1_M00933	3.1431e-10	CCCCGCCCCCKC -CCCKCCCCN-	
KROX_M00982	3.4872e-10	----CCCCGCCCCCKC CCGCCCCCNcNNC--	
GC_M00255	9.7721e-10	---CCCCGCCCCCKC NNGCCCCGCCCCNN-	
Sp1_M00932	7.7323e-08	--CCCCGCCCCCKC NNCCCCGCCCCNN-	
Sp1_M00008	2.1656e-06	-CCCCGCCCCCKC WCCCYGCCY---	
ZNF219_M01122	3.0254e-06	GMGGGGCGGGG- -GGNGGGGGGN	
MAZR_M00491	3.5147e-06	GMGGGGCGGGG--- --SGGGGGGGGMNN	
UF1H3BETA_M01068	3.8680e-06	-CCCCGCCCCCKC- GCCCTCCCCRC	

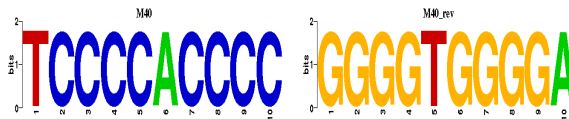
M18






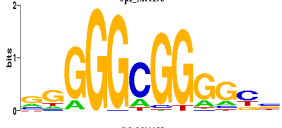

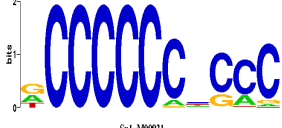




	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	8.6375e-13	-CCCCACCCCC-- GCCCTCCCCRC
Alfin1_M00479	1.9419e-11	---CCCCACCCCC- MNNCCCCACNYNYN
ZNF219_M01122	3.8977e-10	GGGGGTGGGG- GGNGGGGGGN
CAC-binding_M00720	1.1502e-08	GGGGGTGGGG -RGGSTGGG-
KROX_M00982	2.5379e-08	----CCCCACCCCC CCGCCCCNCNNC-
GBF_M00633	4.2515e-08	CCCCACCCCC- ---NACCCNA
Sp1_M00196	9.2244e-08	--CCCCACCCCC NNCCCCGCCCN
AtMYB-84_M00970	1.5022e-07	GGGGGTGGGG-- GGNGGTAGGTGS
MAZR_M00491	1.5866e-07	GGGGGTGGGG--- -SGGGGGGGMNN
GC_M00255	3.0418e-07	---CCCCACCCCC NNGCCCCGCCNN

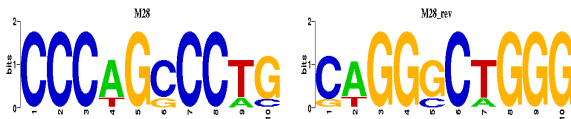












M40



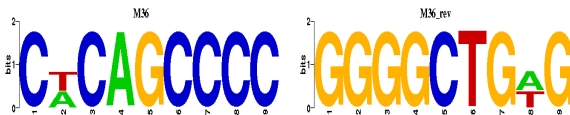
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Alfin1_M00479	6.6776e-10	--TCCCCACCCC-- MNNCCCCACNYNYN	
UF1H3BETA_M01068	4.3345e-09	TCCCCACCCC--- GCCCCCTCCCCRC	
CAC-binding_M00720	1.1502e-08	GGGGTGGGGA RGGSTGGG--	
KROX_M00982	2.5379e-08	---TCCCCACCCC CCGCCCCCNCNNC	
MAZR_M00491	4.5141e-08	GGGGTGGGGA-- SGGGGGGGGMNN	
Sp1_M00196	9.2244e-08	-TCCCCACCCC- NNCCCCGCCCCN	
GC_M00255	3.0418e-07	--TCCCCACCCC- NNGCCCCGCCCCN	
ZNF219_M01122	3.6211e-07	GGGGTGGGGA- GGGNGGGGGGN	
Sp1_M00931	8.3792e-07	TCCCCACCCC NCCCCGCC-	
Sp1_M00933	1.0048e-06	TCCCCACCCC- --CCCKCCCN	







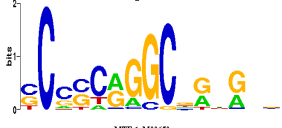



M28



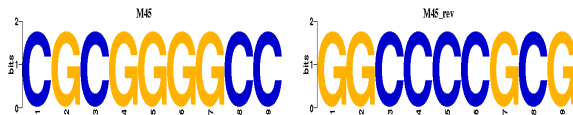
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	1.1508e-07	CAGGGCTGGG --RGGSTGGG	
Sp1_M00931	3.6270e-06	-CCCAGCCCTG NCCCCGCC--	
Sp1_M00932	1.0067e-04	--CCCAGCCCTG NNCCCCGCCCN	
Sp1_M00196	1.1080e-04	--CCCAGCCCTG NNCCCCGCCCN	
Alfin1_M00479	1.3095e-04	----CCCAGCCCTG MNNCCCCACNYNYN	
Dde_M00304	2.0228e-04	CAGGGCTGGG- ---GGCTGAGC	
Eve_M00629	3.2976e-04	-CAGGGCTGGG GCNGNSSWN--	
ZBRK1_M01105	3.3896e-04	-CAGGGCTGGG--- AAANNCTGCKSCC	
KROX_M00982	3.9310e-04	CAGGGCTGGG---- -GNNNGGGGGCGG	
GC_M00255	4.7311e-04	---CCCAGCCCTG NNGCCCCGCCNN	

M36



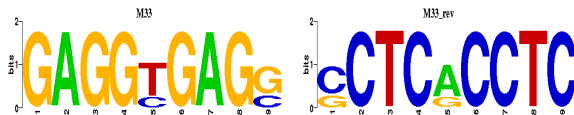
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Dde_M00304	9.7409e-08	GGGGCTGWG- --GGCTGAGC	
CDC5_M00361	1.7486e-05	GGGGCTGWG- NSCGCTGAGS	
ABI4_M00958	7.4447e-05	GGGGCTGWG-- -GGGCGGTGCN	
bZIP910_M00357	8.1379e-05	--CWCAGCCCC ACGTCAGCAYS	
Sp1_M00196	1.2438e-04	--CWCAGCCCC- NNCCCCGCCCCN	
GBF_M00633	1.3942e-04	CWCAGCCCC- --NACCCNA	
AP-2_M00800	1.4419e-04	--CWCAGCCCC---- NNYNYNGCCYGSSGS	
MTF-1_M00650	1.5434e-04	-----CWCAGCCCC NTGCACNCGGCC-	
GC_M00255	2.1907e-04	---CWCAGCCCC- NNGCCCCGCCCNN	
Sp1_M00933	2.6506e-04	-GGGGCTGWG NNGGGMGGG-	











M45



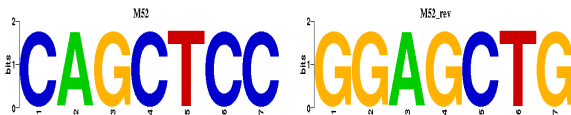
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GC_M00255	9.1924e-06	---CGCGGGGCC-- NNGGGCGGGGCNN	
TRAB1_M00507	2.3389e-05	GGCCCCGCG-- -GNCACRCGTM	
Sp1_M00931	3.1383e-05	GGCCCCGCG-- -NCCCCGCC	
KROX_M00982	3.5569e-05	--CGCGGGGCC-- GNNGNGGGGGCGG	
PCF2_M00948	1.0270e-04	CGCGGGGCC-- -GTGGGNCCN	
Sp1_M00008	1.2297e-04	GGCCCCGCG-- -WCCCYGCCY	
ABF1_M00401	1.8070e-04	--CGCGGGGCC----- GYCNCNKGCCACGTCANCNANMGA	
Muscle_M00324	2.6230e-04	---GGCCCCGCG----- NNGGNCNYCAYNCMRSNGSM	
Sp1_M00196	3.5457e-04	---CGCGGGGCC NNGGGCGGGGNN	
Sp1_M00932	3.7870e-04	---CGCGGGGCC NNGGGCGGGGNN	

M33



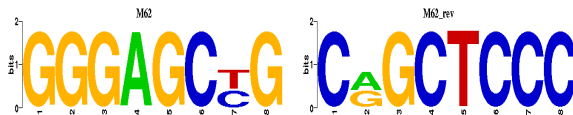
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Alfin1_M00479	4.7303e-06	---CCTCACCTC-- MNNCCCCACNYNYN	
ROM_M00700	2.9967e-05	-GAGGTGAGG TGASGTGG--	
PPARalpha-RXRalpha_M00518	3.6074e-05	-----GAGGTGAGG NNGGTCATNGGGGTSANG	
TBX5_M01044	2.2168e-04	GAGGTGAGG AAGGTGTGA	
SREBP-1_M00221	5.2806e-04	CCTCACCTC-- -ATCACCCAC	
CDC5_M00361	6.5955e-04	CCTCACCTC- SCTCAGCGSN	
AREB6_M00412	8.6200e-04	---GAGGTGAGG RNWCAGGTRNRN	
CACCC-binding_M00721	9.8972e-04	CCTCACCTC----- CCNCACCCWNNKGNT	
USF2_M00726	1.1184e-03	GAGGTGAGG -ASGYG---	
TRAB1_M00507	1.1530e-03	-CCTCACCTC GNCACRCGTM	

M52



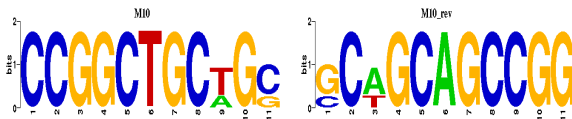
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-4_M00927	7.9388e-06	-CAGCTCC NCAGCTGY	
LBP-1_M00644	1.3596e-05	-CAGCTCC SCAGCN--	
myogenin_M00712	2.4236e-05	CAGCTCC CASCTGN	
NRSE_M00325	4.0673e-05	-CAGCTCC----- TCAGCACCCNCGGAGAGYGCC	
bZIP910_M00357	8.2239e-05	----CAGCTCC ACGTCAGCAYS	
TAL1_M00993	1.2985e-04	-GGAGCTG- RNCAGNTGG	
NRSF_M01028	1.3225e-04	-CAGCTCC----- TCAGCACCCRYGGACAGNR	
LUN-1_M00480	1.3495e-04	--CAGCTCC----- CCCAGCTACTTTGGGA	
HEB_M00698	2.0498e-04	GGAGCTG- -CAGCWGG	
HEN1_M00058	2.6858e-04	-----GGAGCTG----- NNNGGNCGCAGCTGCGNCCNN	

M62



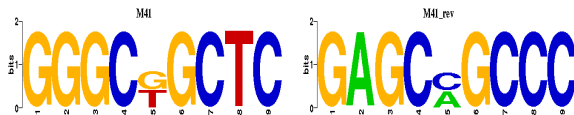
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ANT_M00501	1.6924e-05	-CRGCTCCC----- ACANWTCCCRAKG	
MAZ_M00649	1.9542e-04	CRGCTCCC -CCCTCCC	
Tra-1_M01048	2.0339e-04	GGGAGCYG GGGWGGT-	
LBP-1_M00644	4.2421e-04	GGGAGCYG- ---NGCTGS	
myogenin_M00712	7.4897e-04	CRGCTCCC CASCTGN-	
TAL1_M00993	7.6207e-04	GGGAGCYG- RNCAGNTGG	
AP-4_M00927	8.7450e-04	GGGAGCYG- -RCAGCTGN	
Lyf-1_M00141	1.2677e-03	CRGCTCCC-- --YCTCCCAA	
GCR1_M00337	1.4994e-03	-----GGGAGCYG AAWAGTGGAAAGCC-	
ABI4_M00958	1.6868e-03	--CRGCTCCC NGCACC GCCC	



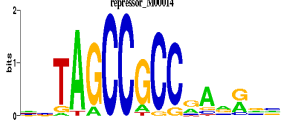




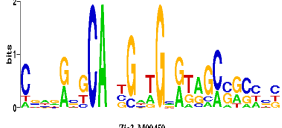


M10



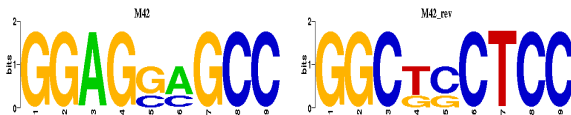
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	1.8935e-06	GCAGCAGCCGG --RNCAGNTGG	
Adf-1_M00923	1.1526e-05	-----CCGGCTGCTGC- CRMNKKCAGCGRCKGCRGCS	
Adf-1_M00171	2.7310e-05	CCGGCTGCTGC----- NMNGCNRCRGCRGCG	
LMAF_M01139	5.7578e-05	CCGGCTGCTGC- ----CTGCTGAS	
HEB_M00698	9.0341e-05	GCAGCAGCCGG ----CAGCWGG	
E12_M00693	1.4486e-04	CCGGCTGCTGC -NNNCACCTGY	
SZF1-1_M01109	1.7667e-04	----GCAGCAGCCGG CAGGGTAWCAGCNG-	
LBP-1_M00644	3.2644e-04	GCAGCAGCCGG SCAGCN-----	
myogenin_M00712	5.8442e-04	GCAGCAGCCGG ---NCAGSTG-	
AP-4_M00927	6.5925e-04	CCGGCTGCTGC ---RCAGCTGN	

M41



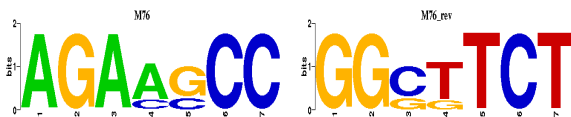
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ERF2_M01057	4.9723e-07	GGGCKGCTC -GGCGGC--	
ABI4_M00958	1.5231e-05	GGGCKGCTC- GGGCGGTGCN	
repressor_M00014	5.0041e-05	--GAGCMGCC----- NNTAGCCGCCNANRNN	
ZBRK1_M01105	1.2285e-04	---GGGCKGCTC-- AAANNCTGCKSCC	
Sp1_M00931	2.1158e-04	GGGCKGCTC GGGCGGGN	
Sp1_M00933	2.5154e-04	--GGGCKGCTC NNGGGMGG--	
ETF_M00695	5.1636e-04	GAGCMGCC ---CCGCCN	
Pax-5_M00143	6.2986e-04	-----GAGCMGCC- CNNRNKCANNGNWGNRKRKGRCSRSNNN	
Zic3_M00450	6.4418e-04	GAGCMGCC GANCMCC-	
Egr_M00807	1.0123e-03	GAGCMGCC--- --NYYGCSCCA	






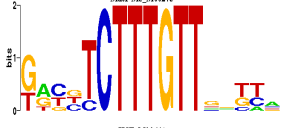

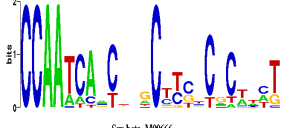


M42



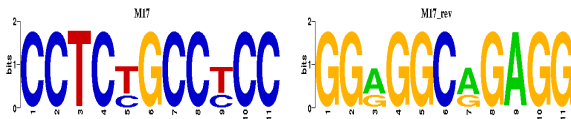
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	1.8152e-04	GGCTCCTCC----- -GCCCTCCCCRC	
ZBRK1_M01105	7.5775e-04	----GGCTCCTCC- AAANNCTGCKSCC	
MAZ_M00649	9.0104e-04	GGCTCCTCC- ---CCCTCCC	
E12_M00693	1.1105e-03	-GGCTCCTCC NNNCACCTGY	
ERF2_M01057	1.4598e-03	GGCTCCTCC GGCGGC---	
Dde_M00304	1.5698e-03	GGAGGAGCC GGCTGAGC-	
YY1_M00069	1.8851e-03	GGAGGAGCC----- --WNSANNCAAGATGGCNGNN	
ZID_M00085	1.9577e-03	---GGAGGAGCC GRTGATRGAGCC	
PU.1_M00658	1.9618e-03	GGCTCCTCC -CTTCCTC-	
SMAD4_M00733	2.1499e-03	----GGCTCCTCC- RGNTGKCTGNMYSN	

M76



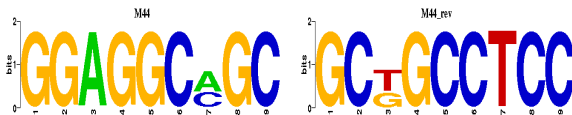
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GCR1_M00337	1.0830e-04	-----AGAAGCC AAWAGTGGGAAGCC	
GZF1_M01069	1.1897e-04	---AGAAGCC- TATAGANGCGC	
PEND_M01015	2.9068e-04	GGCTTCT- -ACTTCTT	
GCR1_M00046	5.3983e-04	GGCTTCT-- -GCTTCCWC	
c-Ets-1_M00743	5.9334e-04	GGCTTCT- -GCTTCK	
Mat1-Mc_M00275	1.3159e-03	-----AGAAGCC NRMNNAACAAAGANRYC	
HSF_M00641	3.1231e-03	AGAAGCC----- -GAARCYNCKNGA	
CCAAT_M00200	4.1150e-03	-----AGAAGCC----- ANNWGNNGNRRGNNGNTGATTGG	
Sry-beta_M00666	1.0043e-02	--AGAAGCC AGWGATGC-	
NF-kappaB_M00051	1.2616e-02	-AGAAGCC- GGGRATCCC	

M17



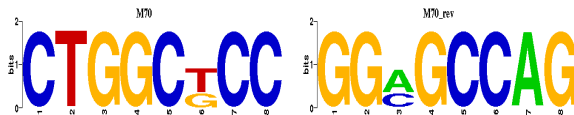
<i>Name</i>	<i>E value</i>	<i>forward</i>	<i>reverse compliment</i>	<i>Motif</i>
Adf-1_M00171	1.5313e-05	--GGAGGCAGAGG--	NMNGCNRCRGCRCG	
KROX_M00982	1.0086e-04	---CCTCTGCCTCC	CCGCCCCNCNNC-	
PU.1_M00658	1.1704e-04	CCTCTGCCTCC	---CTTCCTC-	
Egr_M00807	1.1842e-04	CCTCTGCCTCC-	--NYYGCSCCCA	
SMAD3_M00701	1.4219e-04	CCTCTGCCTCC	-GTCTGNCT--	
GC_M00255	1.5138e-04	--CCTCTGCCTCC	NNGCCCCGCCNN	
Dde_M00304	1.9457e-04	GGAGGCAGAGG	---GGCTGAGC	
COUPTF_M01036	2.0803e-04	----GGAGGCAGAGG-----	NKNNRNGKNNAAAGGTCANNNN	
COUP_M00765	2.8496e-04	GGAGGCAGAGG--	-GGNCAAAGGTC	
PPARgamma-RXRalpha_M00512	4.3987e-04	--GGAGGCAGAGG-----	NNRGGTCAAAGGTCANNNN	

M44



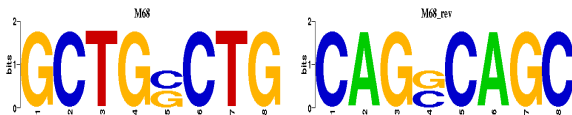
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GCR1_M00046	1.7345e-05	GCKGCCTCC GCTTCCWC-	
HEN1_M00058	2.6794e-05	---GGAGGCMGC----- NNNGGNCGCAGCTGCGNCCNN	
Adf-1_M00171	3.8295e-05	--GGAGGCMGC---- NMNGCNRCRGCRGCG	
PU.1_M00658	9.4052e-05	GGAGGCMGC -GAGGAAG-	
ERF2_M01057	4.2795e-04	GGAGGCMGC GGCGGC---	
SMAD4_M00733	4.9445e-04	GGAGGCMGC----- NSRKNCAGMCANCY	
MAZ_M00649	4.9536e-04	GCKGCCTCC- ---CCCTCCC	
Adf-1_M00923	5.1905e-04	-GGAGGCMGC----- CRMNKKCAGCGRCKGCRGCS	
v-Maf_M00035	5.9087e-04	-----GGAGGCMGC--- NNNTGCNNNGTCAGCANN	
Egr_M00807	7.9227e-04	GCKGCCTCC- NYYGCSCCCA	




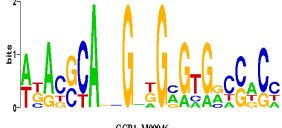

M70



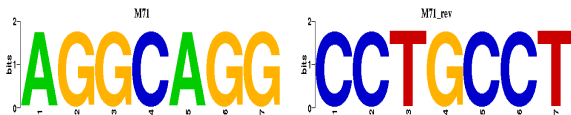
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BRK_M01096	3.5747e-06	CTGGCTCC NTGGCG--	
SMAD4_M00733	3.1590e-04	--CTGGCTCC---- RGNTGKCTGNMYSN	
Rb-E2F-1-DP-1_M00740	3.8580e-04	GGAGCCAG -GCGCSAA	
myogenin_M00056	3.8801e-04	--CTGGCTCC----- NNYTGGCNSNGTGCCAAANNNNACAGST	
E2F_M00050	4.0196e-04	GGAGCCAG -GCGCSAA	
AP-4_M00005	5.2767e-04	-----CTGGCTCC MNGNCNNCAGCTGNNNN-	
E2F-4-DP-1_M00738	6.0282e-04	GGAGCCAG -GCGCSAA	
YY1_M00069	8.2333e-04	-----CTGGCTCC- NNCNGCCATCTTGNNTSNW	
OSBZ8_M00654	9.1832e-04	--CTGGCTCC--- GWNTSGCGACACG	
E2F-1_M00939	1.2956e-03	GGAGCCAG CGCGCSAA	

M68



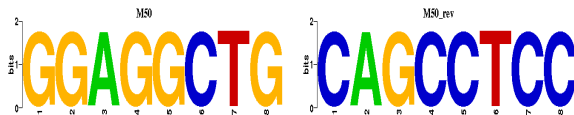
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00923	6.4715e-06	--CAGSCAGC----- CRMNKKCAGCGRCKGCRGCS	
SMAD4_M00733	7.4147e-06	-----CAGSCAGC- NSRKNCAGMCANCY	
LBP-1_M00644	2.5582e-05	CAGSCAGC- ---SCAGCN	
Tel-2_M00678	3.9979e-04	-GCTGSCTG TACTTCCTG	
BRK_M01096	4.6646e-04	GCTGSCTG -NTGGCG-	
c-Ets-1_M00743	5.5901e-04	GCTGSCTG GCTTCCK-	
HAC1_M00730	1.1008e-03	-----GCTGSCTG GACACGCTGKC--	
Pax-9_M00329	1.5251e-03	-----GCTGSCTG- NGNSNNCNCNCNNCNNTGSNTNW	
GCR1_M00046	1.5428e-03	CAGSCAGC GWGGAAGC	
ERF2_M01057	1.5477e-03	CAGSCAGC --GGCGGC	

M71



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00973	2.7612e-06	AGGCAGG- -RNCAGNT	
E2A_M00804	1.0535e-05	----AGGCAGG-- NMNGNGNCAGGTG	
TFII-I_M00706	2.4101e-05	-AGGCAGG GANGKAGG	
E47_M00002	2.5484e-05	-----CCTGCCT NNNNACACCTGCNS	
CAC-binding_M00720	5.2317e-05	-CCTGCCT CCCASCCT	
Ttk_M00009	7.4398e-05	--CCTGCCT GTCCTGC--	
SMAD3_M00701	2.9542e-04	AGGCAGG- AGNCAGAC	
MAZ_M00649	3.1033e-04	-CCTGCCT CCCTCCC-	
KAISO_M01119	3.8176e-04	-AGGCAGG- NTNGCAGGA	
MyoD_M00184	5.3193e-04	AGGCAGG--- -GNCAGNTGN	

M50



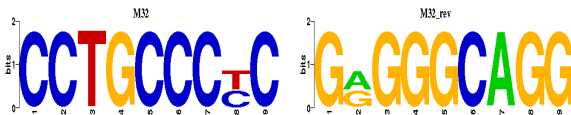
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
SMAD4_M00733	4.8026e-05	-----CAGCCTCC-- NSRKNCAGMCANCY	
ERF2_M01057	2.1881e-04	GGAGGCTG GGCGGC--	
MAZ_M00649	2.1983e-04	CAGCCTCC-- --CCCTCCC	
CAC-binding_M00720	5.0895e-04	--CAGCCTCC CCCASCCY--	
Dde_M00304	9.3263e-04	GGAGGCTG--- ---GGCTGAGC	
repressor_M00014	1.0303e-03	-----GGAGGCTG-- NNYNTNGGCGGCTANN	
Tra-1_M01048	1.2740e-03	CAGCCTCC-- --ACCWCCC	
ETF_M00695	1.6054e-03	-GGAGGCTG NGGCGG---	
KROX_M00982	2.0308e-03	CAGCCTCC----- CCGCCCCCNCNNC	
TFII-I_M00706	2.1533e-03	---GGAGGCTG GANGKAGG---	









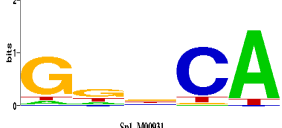

M63



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HAC1_M00730	1.0337e-04	--CAGGCTG-- GACACGCTGKC	
CAC-binding_M00720	1.3477e-04	--CAGCCTG CCCASCCY-	
AP-2_M00800	2.1564e-04	----CAGCCTG---- NNYNYNGCCYGSSGS	
Dde_M00304	2.6766e-04	CAGGCTG--- --GGCTGAGC	
AP-2alphaA_M01047	4.4053e-04	-CAGCCTG----- ANMGCCTNAGGCKN	
AR_M00481	1.0603e-03	----CAGCCTG--- AGNACANNNTGTWC	
SMAD4_M00733	1.2380e-03	-----CAGCCTG-- NSRKNCAGMCANCY	
AP-2_M00915	2.3030e-03	CAGCCTG----- -NGCCNGNGGNNN	
MEF-3_M00319	2.3795e-03	--CAGCCTG--- NGWAACCTGASC	
PEA3_M00655	3.1096e-03	CAGGCTG -MGGAWG	

M32



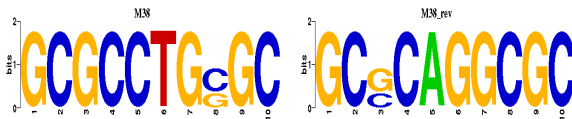
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AtMYB-84_M00970	8.9345e-08	GRGGGCAGG--- GGNGGTAGGTGS	
PPARalpha-RXRalpha_M00518	7.1531e-06	-----GRGGGCAGG NNGGTTCATNGGGGTSANG	
Egr_M00807	7.6536e-06	CCTGCCCYC- NYYGCSCCCA	
Sp1_M00933	1.3123e-05	GRGGGCAGG NNGGGMGGG	
E2A_M00973	3.1155e-05	GRGGGCAGG- ---RNCAGNT	
MAF_M00648	1.2353e-04	----CCTGCCCYC- NSNMMACTTCCYYCN	
GC_M00255	1.5719e-04	GRGGGCAGG---- NNGGGCGGGCNN	
Sp1_M00196	1.6616e-04	---CCTGCCCYC NNCCCCGCCCCN	
HNF4_M01033	1.8795e-04	CCTGCCCYC --TGNNC--	
Sp1_M00931	2.0775e-04	--CCTGCCCYC NCCCCGCC--	

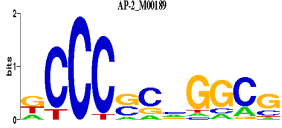
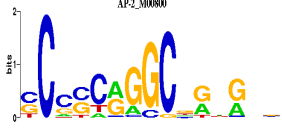
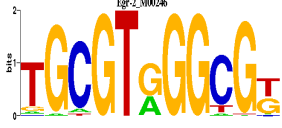






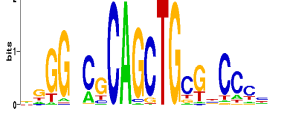
M56



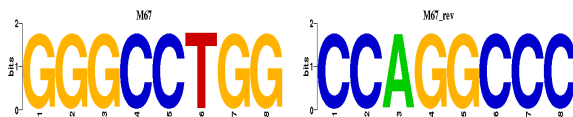
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
SMAD4_M00733	4.4387e-05	-----TCTGCCC-- RGNTGKCTGNMYSN	
HNF4_M01033	5.0036e-05	TCTGCCC --TGNNC	
SMAD3_M00701	3.5136e-04	GGGCAGA- AGNCAGAC	
Dde_M00304	4.0214e-04	GGGCAGA-- -GGCTGAGC	
HNF4_M01031	4.1083e-04	-----TCTGCCC NTGRMCTTTGNNC	
TAL1_M00993	8.2649e-04	GGGCAGA--- -RNCAGNTGG	
E47_M00002	8.4197e-04	-----TCTGCCC NNNNACACCTGCNS	
HNF4alpha1_M00411	8.8742e-04	-----TCTGCCC- NTGACCTTTGNCCY	
PPAR_M00528	9.4625e-04	----GGGCAGA----- NNNNGGNCAAAGGTCA	
E2A_M00973	1.2191e-03	GGGCAGA- -RNCAGNT	





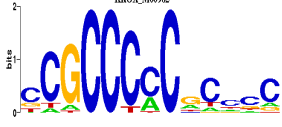





M38



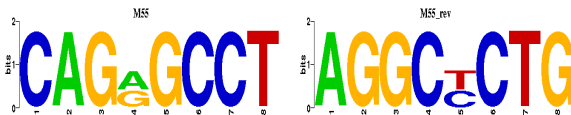
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2_M00189	1.4331e-06	GCGCCTGSGC-- -CGCCNGSGGGN	
AP-2_M00800	8.4705e-06	-GCSCAGGCGC---- SCSSCRGGCNRNRNN	
Egr-2_M00246	1.1543e-05	GCGCCTGSGC- MCGCCCACGCA	
Nrf-1_M00652	1.4231e-05	-GCGCCTGSGC YGCGCAYGC--	
Egr-3_M00245	2.2653e-05	GCGCCTGSGC- ACGCCACGCA	
AP-2_M00915	3.8701e-05	GCGCCTGSGC--- -NGCCNGNGGNNN	
Egr-1_M00243	4.0247e-05	-GCSCAGGCGC TGCGTGGGCGK	
HEN1_M00068	1.2441e-04	-----GCGCCTGSGC----- NNNGGNCNCAGCTGNGNCCNN	
NGFI-C_M00244	1.7534e-04	-GCSCAGGCGC TGCGTGGGYGG	
HEN1_M00058	3.1189e-04	-----GCGCCTGSGC----- NNNGGNCGCAGCTGCGNCCNN	





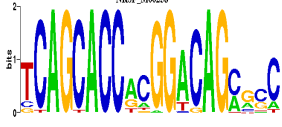





M67



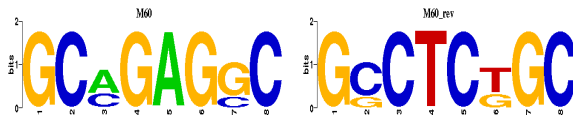
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MTF-1_M00650	1.3716e-04	GGGCCTGG----- GGGCCGNGTGCAN	
AP-2_M00915	2.2842e-04	GGGCCTGG----- -NGCCNGNGGNNN	
Sp1_M00931	2.4037e-04	-CCAGGCC NCCCCGCC	
CACD_M01113	3.5607e-04	GGGCCTGG GGYG TG-	
KROX_M00982	3.5815e-04	-GGGCCTGG----- GNNGNGGGGGCGG	
Sp1_M00933	4.9433e-04	-GGGCCTGG NGGGMGGG	
Hand1-E47_M00222	6.5907e-04	----CCAGGCC---- NNWNCCAGAYNCNNN	
Pax-6_M00979	6.9205e-04	----CCAGGCC KAGTTCCAGGTCA	
Sp1_M00196	1.3266e-03	--CCAGGCC-- NCCCCGCCCCN	
Ttk_M00009	1.4089e-03	CCAGGCC GCAGGAC-	






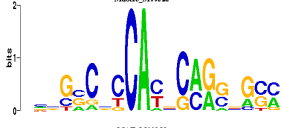


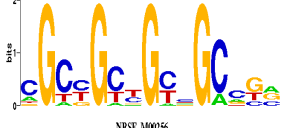
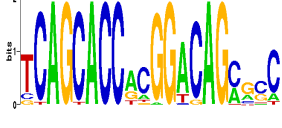
M55



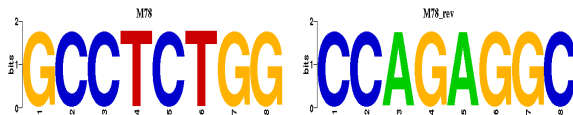
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Eve_M00629	2.6537e-04	-CAGRGCCT GCNGNSSWN	
LF-A1_M00646	3.7116e-04	CAGRGCCT YWGASCC-	
HSF_M00641	2.8672e-03	--AGGCYCTG-- GAARCYNCKNGA	
ZID_M00085	2.8684e-03	AGGCYCTG----- -GGCTCYATCAYC	
NRSF_M00256	3.3533e-03	AGGCYCTG----- -GSYGCTGTCCGTGGTGCTGA	
CACD_M01113	6.1181e-03	AGGCYCTG -GGGYGTG	
Dde_M00304	8.9857e-03	--CAGRGCCT GGCTGAGC--	
ARP-1_M00155	1.0169e-02	-AGGCYCTG----- GARCCYTTGAMCCYW	
Ttk_M00009	1.0803e-02	-CAGRGCCT GCAGGAC--	
MTF-1_M00650	1.1548e-02	AGGCYCTG----- GGGCCGNGTGCAN	






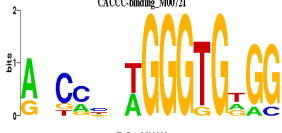



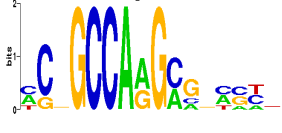
M60



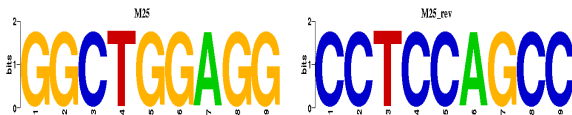
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00641	7.7232e-05	---GCCTCTGC- GAARCYNCKNGA	
Eve_M00629	1.7646e-04	GCAGAGGC- GCNGNSSWN	
COUPTF_M01036	3.7023e-04	-----GCCTCTGC- NNNNTGACCTTTNNMCNYNNMN	
TAL1_M00993	1.9113e-03	-GCAGAGGC RNCAGNTGG	
Dde_M00304	2.2015e-03	-GCAGAGGC GGCTGAGC-	
Muscle_M00323	2.2720e-03	-GCCTCTGC----- KSCNSCTGNRTGGNGNCNNN	
MAF_M00983	2.8030e-03	--GCCTCTGC NTGACTCANC	
NF-E2_M00037	4.1695e-03	--GCCTCTGC RTGACTCAGC	
Adf-1_M00171	4.1774e-03	-GCCTCTGC----- CGCYGCGYNGCNKN	
NRSF_M00256	6.1066e-03	GCCTCTGC----- GSYGCTGTCCGTGGTGCTGA	

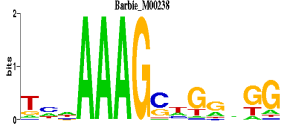








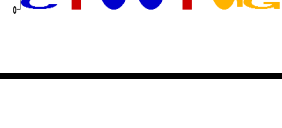
M78



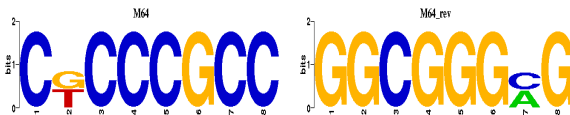
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00641	3.2414e-07	---GCCTCTGG-- GAARCYNCKNGA	
AP-2alphaA_M01047	5.3436e-05	---GCCTCTGG--- ANMGCCTNAGGCKN	
Hand1-E47_M00222	1.0855e-04	---GCCTCTGG---- NNGNRTCTGGNWN	
RP58_M00532	2.2357e-04	--GCCTCTGG-- NAACATCTGGA	
AP-2alphaA_M01045	6.4725e-04	----CCAGAGGC-- NNNSCCTNAGGCNN	
CACCC-binding_M00721	2.3864e-03	-----CCAGAGGC- CCNCACCCWNNKGNT	
TAL1_M00993	2.9211e-03	-GCCTCTGG RNCAGNTGG	
ANT_M00501	4.9673e-03	GCCTCTGG----- -CMTYGGGAWNTGT	
Elf-1_M00746	6.2019e-03	---GCCTCTGG AYTTCCTCTTN	
PacC_M00247	6.4546e-03	---GCCTCTGG----- NNNNNNKCYTGCCNGN	




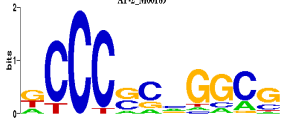
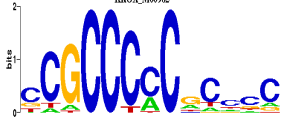





M25



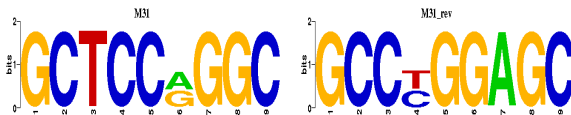
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Barbie_M00238	3.9550e-07	CCTCCAGCC----- CMNNCNSCTTTNNN	
CAC-binding_M00720	3.1878e-04	CCTCCAGCC- --CCCASCCY	
BRK_M01096	3.9634e-04	GGCTGGAGG --NTGGCG-	
MAZ_M00649	4.9536e-04	-CCTCCAGCC CCCTCCC---	
TFII-I_M00706	6.4128e-04	CCTCCAGCC CCTMCNTC-	
HEB_M00698	1.2297e-03	-GGCTGGAGG CAGCWGG---	
Dde_M00304	2.2027e-03	GGCTGGAGG GGCTGAGC-	
LBP-1_M00644	2.4682e-03	CCTCCAGCC ---SCAGCN	
Tra-1_M01048	2.5320e-03	-CCTCCAGCC ACCWCCC---	
Ttk_M00009	2.7793e-03	GGCTGGAGG -GCAGGAC-	



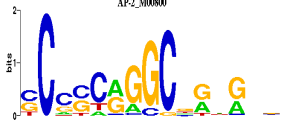
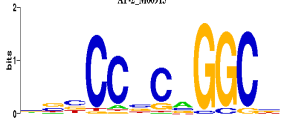

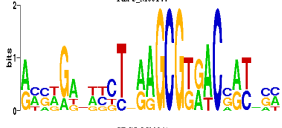




M64



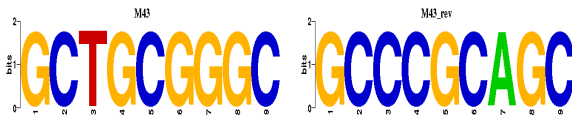
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp1_M00931	6.3812e-06	CKCCCGCC- NCCCCGCC	
E2F_M01114	7.3010e-06	GGCGGGMG-- NGCGGGAAN	
Sp1_M00933	7.9258e-06	CKCCCGCC--- --CCCKCCCN	
AP-2_M00189	1.5534e-05	----GGCGGGMG CGCCNGSGGN-	
KROX_M00982	1.6769e-05	--GGCGGGMG--- GNNGNGGGGGCGG	
ERF2_M01057	2.1778e-05	GGCGGGMG GGCGGC--	
Sp1_M00008	2.7896e-05	CKCCCGCC- WCCCYGCCY	
Sp1_M00196	6.0430e-05	-CKCCCGCC--- NNCCCCGCCCN	
E2F-1-DP-2_M00737	6.1339e-05	GGCGGGMG -GCGGGA	
Sp1_M00932	6.7225e-05	-CKCCCGCC--- NNCCCCGCCCN	

M31



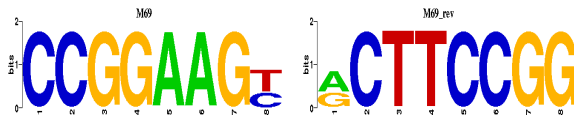
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2alpha_M00469	6.7515e-05	GCTCCRGGC SCNNNNGG-	
Pax-6_M00979	9.8361e-05	--GCCYGGAGC-- TGACCTGGAAC TM	
AP-2_M00800	1.3284e-04	GCTCCRGGC----- SCSSCRGGCNRNRNN	
AP-2_M00915	1.5269e-04	-GCCYGGAGC-- NGCCNGNGGNNN	
STATx_M00223	3.2349e-04	GCTCCRGGC -TTMYGGGA	
Pax-5_M00144	3.2659e-04	-----GCTCCRGGC----- NNNRYNGTYMCGCTYNANNNNNCNNNY	
CDC5_M00361	3.3288e-04	-GCCYGGAGC NSCGCTGAGS	
AP-2gamma_M00470	1.0007e-03	GCTCCRGGC SCNNNNGG-	
AP-2alphaA_M01047	1.8366e-03	---GCTCCRGGC-- ANMGCC TNAGGCKN	
BRK_M01096	2.2232e-03	GCCYGGAGC --NTGGCG-	

M43



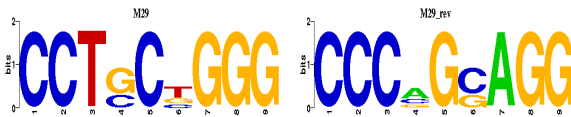
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2_M00189	4.4952e-06	--GCTGCGGGC CGCCNGSGGGN	
AP-4_M00005	5.4072e-06	-----GCTGCGGGC-- NNNNCAGCTGNNGNCNK	
GCM_M00634	7.5964e-06	GCTGCGGGC-- NATGCGGGYNN	
HEN1_M00058	9.0822e-06	-----GCTGCGGGC-- NNNGGNCGCAGCTGCGNCCNN	
ZBRK1_M01105	5.8974e-05	-----GCTGCGGGC AAANNCTGCKSCC	
Bel-1_M00312	8.6277e-05	-----GCCCGCAGC----- KNGRNAGTNMNCKCWGYRTCAGCAGNT	
GCM_M00270	1.6568e-04	--GCTGCGGGC- NNNATGCGGGTN	
LBP-1_M00644	2.0250e-04	GCCCGCAGC- ----SCAGCN	
HEN1_M00068	2.2783e-04	---GCCCGCAGC----- NNNGGNCNCAGCTGNGNCCNN	
E2F_M00803	6.8097e-04	GCCCGCAGC -CGCGC---	

M69

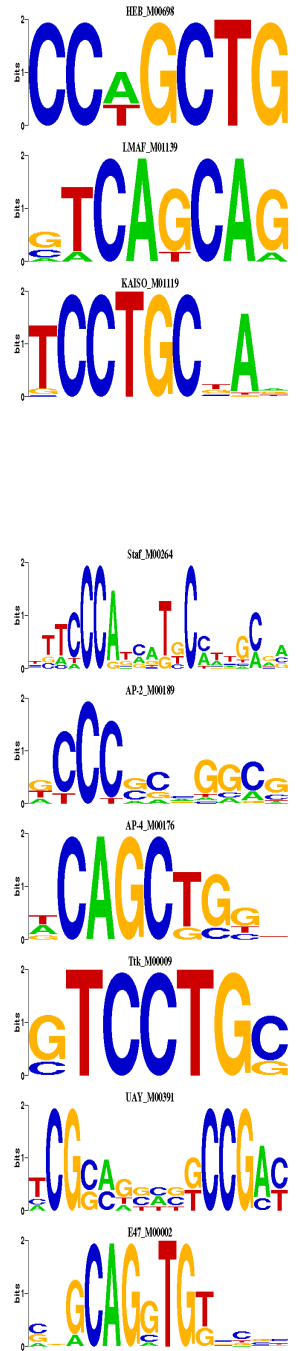


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
c-Ets-1_p54_M00032	8.8705e-12	-RCTTCCGG NRCWTCCCKG	
GABP_M00341	1.1426e-11	---RCTTCCGG YGCNCTTCCGG	
E74A_M00016	1.9728e-09	----RCTTCCGG---- NNNNAYTTCCGGNTTN	
Nrf-2_M00108	2.8096e-09	-RCTTCCGG SNCTTCCGG	
c-Ets-1_M01078	9.0022e-09	----RCTTCCGG--- NNNNRCWTCCGGNNN	
Elk-1_M00007	9.3349e-09	----RCTTCCGG--- NNGNACTTCCCKGTNN	
c-Ets-1_M00743	3.8004e-08	RCTTCCGG GCTTCK-	
Tel-2_M00678	4.0053e-08	CCGGAAGY- CAGGAAGTA	
Elk-1_M00025	2.4973e-07	--RCTTCCGG-- NNNYTTCCGGNNN	
c-Ets-2_M00340	4.0903e-06	-CCGGAAGY---- RCAGGAAGTNNNT	

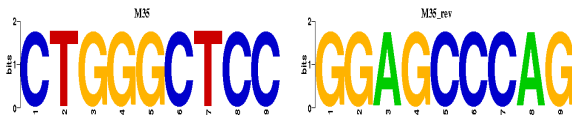
M29



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HEB_M00698	3.0955e-07	CCTGCNNGG CCWGCTG--
LMAF_M01139	3.2245e-05	CCTGCNNGG -CTGCTGAS
KAISO_M01119	6.4515e-05	-CCTGCNNGG TCCTGCNAN-
Muscle_M00321	7.9022e-05	-CCTGCNNGG----- NNCNSNKGNGTGNNNNNNNN
Staf_M00264	2.3620e-04	---CCNNGCAGG----- NNTCCCANNNTNCMNGCNN
AP-2_M00189	3.7454e-04	--CCTGCNNGG CGCCNGSGGGN
AP-4_M00176	8.0365e-04	CCNNGCAGG NNCAGCTGN
Ttk_M00009	1.0930e-03	--CCTGCNNGG GTCTGC----
UAY_M00391	1.2537e-03	-----CCTGCNNGG-- RTCGGMNNNKSCGN
E47_M00002	1.7127e-03	-----CCTGCNNGG NNNNACACCTGCNS--

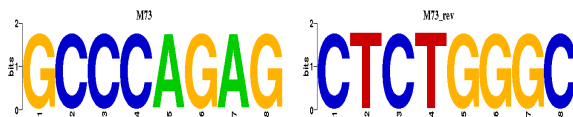



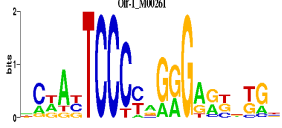

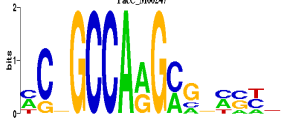


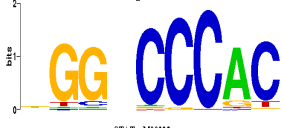


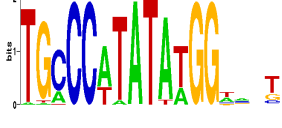
M35



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
YY1_M00069	2.5259e-05	-GGAGCCCAG----- WNSANNCAAGATGGCNGNN	
Poly_M00211	9.0048e-05	GGAGCCCAG -GAGACCAC	
PCF2_M00948	2.6832e-04	GGAGCCCAG NGGNCCCAC	
SREBP-1_M00749	1.3215e-03	CTGGGCTCC -TGGSGT--	
NF-kappaB_M00051	1.7122e-03	CTGGGCTCC- -GGGRATCCC	
LAC9_M00207	1.8563e-03	--GGAGCCCAG----- NCGGANRMAGWNWTCCGMKA	
AR_M00962	2.3410e-03	CTGGGCTCC NNNTGCTC-	
ZID_M00085	2.5044e-03	-----GGAGCCCAG GRTGATRGAGCC---	
GAL4_M00198	5.4330e-03	-----GGAGCCCAG----- NGYTCGGNNANAGNNNNCCG	
Pax_M00808	5.5274e-03	CTGGGCTCC- GTKAGTTCCA	











M73



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STAT_M00777	5.0076e-04	GCCCAGAG----- TCCNAGAANNNN	
Olf-1_M00261	7.3287e-04	-----CTCTGGGC----- NCMNNYTCCCNRRGGGANTNGN	
CDC5_M00361	7.4817e-04	-GCCCAGAG- NSCGCTGAGS	
PacC_M00247	7.6032e-04	-----CTCTGGGC--- NNNNNNKCYTGCCNGN	
LUN-1_M00480	9.9012e-04	GCCCAGAG----- TCCCAAAGTAGCTGGG	
HSF_M00641	1.0503e-03	-----CTCTGGGC GAARCYNCKNGA-	
PCF2_M00948	2.1823e-03	CTCTGGGC--- --GTGGGNCCN	
STATx_M00223	2.1964e-03	GCCCAGAG TCCCRKAA	
YY1_M00069	2.3690e-03	-----GCCCAGAG----- WNSANNCAAGATGGCNGNN	
SRF_M00152	2.4909e-03	-----CTCTGGGC- ANNNCCATATATGGGCA	

M58



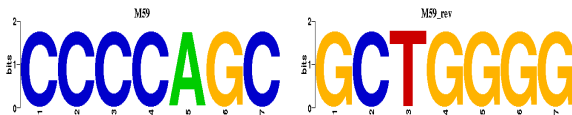
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Lyf-1_M00141	3.4064e-07	-CTCCCAG YCTCCCAA	
Ik-3_M00088	4.7839e-05	----CTCCCAG- GGTATTCCNRN	
RBP-Jkappa_M01111	5.1589e-05	-CTGGGAG NGTGGGA-	
MAZ_M00649	6.1607e-05	--CTCCCAG CCCTCCC--	
STAT_M00777	8.0079e-05	CTCCCAG----- -TCCNAGAANNNN	
Pitx2_M00482	1.8446e-04	CTGGGAG--- NTGGGATTAN	
Tra-1_M01048	5.1032e-04	CTGGGAG-- --GGGWGGT	
GLI_M01037	6.7435e-04	CTGGGAG---- NTGGGTGGTCN	
STATx_M00223	6.9804e-04	CTCCCAG-- -TCCCRKAA	
RBP-Jkappa_M01112	7.1608e-04	-CTCCCAG-- KITCCACGN	

M66



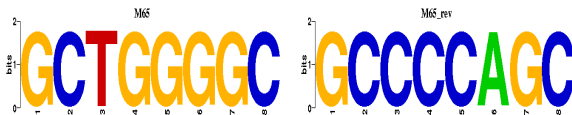
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2_M00915	4.1427e-07	-GCCTGGGA--- NGCCNGNGGNNN	
RBP-Jkappa_M01111	2.5826e-05	GCCTGGGA -NGTGGGA	
EBF_M00977	4.6883e-05	--GCCTGGGA TCCCYWGRGN	
AP-2_M00800	7.0170e-05	-----GCCTGGGA- NNYNYNGCCYGSSGS	
RBP-Jkappa_M01112	1.4442e-04	--TCCCAGGC KTTCCACGN	
LRH1_M01142	1.8208e-04	-TCCCAGGC-- NTNCAAGGYYN	
NGFI-C_M00244	2.3932e-04	--TCCCAGGC- CCRCCCACGCA	
AP-2_M00189	3.0010e-04	-GCCTGGGA-- CGCCNGSGGGN	
Egr-3_M00245	3.2514e-04	--TCCCAGGC- ACGCCACGCA	
Egr-1_M00243	3.4667e-04	--TCCCAGGC- MCGCCACGCA	

M59



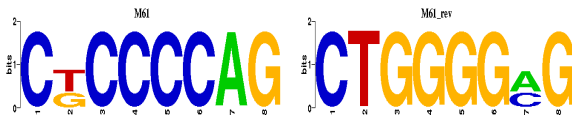
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LUN-1_M00480	1.4639e-05	-----GCTGGGG TCCCAAAGTAGCTGGG-	
AP-2_M00915	2.7534e-05	---CCCAGC-- NNNCCNCNGGCN	
SREBP-1_M00749	3.7158e-05	GCTGGGG- --TGSGT	
CAC-binding_M00720	3.8175e-05	CCCAGC-- -CCCASCCY	
Barbie_M00238	4.7250e-05	-CCCAGC----- CMNNCNSCTTTNNN	
BRK_M01096	8.3786e-05	GCTGGGG -NTGGCG	
Alfin1_M00479	1.1131e-04	---CCCAGC----- MNNCCCCACNYNYN	
AP-4_M00005	1.2820e-04	---CCCAGC----- MNGNCNNCAGCTGNNNN	
KROX_M00982	1.5941e-04	---GCTGGGG--- GNNGNGGGGGCGG	
HEB_M00698	2.0498e-04	--GCTGGGG CAGCWGG--	

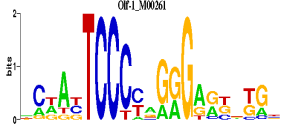









M65



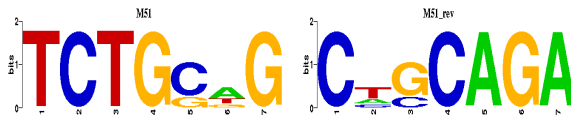
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	3.3847e-06	---GCTGGGGC-- GNNNGGGGGGCGG	
Alfin1_M00479	7.9705e-06	--GCCCCAGC---- MNNCCCCACNYNYN	
SREBP-1_M00749	9.3983e-05	GCTGGGGC --TGSGT	
HEN1_M00058	1.5170e-04	-----GCTGGGGC--- NNNGGNCGCAGCTGCGNCCNN	
LUN-1_M00480	1.6407e-04	-----GCTGGGGC TCCCAAAGTAGCTGGG--	
CAC-binding_M00720	1.6661e-04	GCCCCAGC-- --CCCASCCY	
BRK_M01096	2.0178e-04	GCTGGGGC -NTGGCG-	
AP-2_M00915	2.2176e-04	--GCCCCAGC-- NNNCCNCNGGCN	
UF1H3BETA_M01068	2.4891e-04	-----GCTGGGGC GYGGGGGAGGGGC	
MAF_M00983	3.7646e-04	--GCCCCAGC NTGACTCANC	


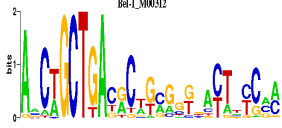



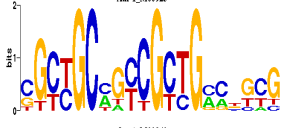




M61



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Olf-1_M00261	2.5904e-06	----CKCCCCAG----- NCNANTCCCYNGGGARNNKGN	
CP2_M00072	1.8205e-05	CTGGGGMG-- CTGGKTNGNG	
Sp3_M00665	5.4063e-05	--CKCCCCAG--- CCCYSCCAAGKS	
Sp1_M00933	7.9767e-05	--CKCCCCAG CCCKCCCCN-	
SREBP-1_M00749	9.3983e-05	CTGGGGMG -TGGSGT-	
KROX_M00982	1.3867e-04	----CTGGGGMG- GNNGNNGGGGGCGG	
BRK_M01096	2.0178e-04	CTGGGGMG NTGGCG--	
AP-2_M00915	2.2176e-04	-CKCCCCAG--- NNNCCNCNGGCN	
SREBP-1_M00221	3.3186e-04	CTGGGGMG-- GTGGGGTGAT	
MAZ_M00649	3.9423e-04	--CKCCCCAG CCCTCC---	

M51



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	8.5079e-06	CNGCAGA- CTGCTGAS	
Bel-1_M00312	8.7909e-04	-----TCTGCNG-- KNGRNAGTNMNCKCWGYRTCAGCAGNT	
PDR3_M00752	2.2004e-03	TCTGCNG TCCGCGG	
Eve_M00629	2.8223e-03	CNGCAGA---- --GCNGNSSWN	
HEB_M00698	3.2090e-03	CNGCAGA CAGCWGG	
Adf-1_M00923	4.0731e-03	-----TCTGCNG-- CRMNKKCAGCGRCKGCRGCS	
Oct-1_M00342	4.5343e-03	--TCTGCNG NATTTGCAT	
LBP-1_M00644	5.2185e-03	CNGCAGA- --SCAGCN	
TAL1_M00993	5.3139e-03	CNGCAGA--- -RNCAGNTGG	
Nrf-2_M00821	5.7548e-03	-----TCTGCNG NNTGACTCAGCA-	

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