

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

Input file: 94 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".

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Multiple Alignment

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

```

M0 :      -----TTTTTTTTTTTTTTTT-----
M1 :      -----TTTTTAAAAAAAAAATTT-----
M2 :      -----CCCCCCCCCCCCACCCCCCCCCC-----
M3 :      CCCCCCCCCCRRCCCCCCCCCCCC-----
M4 :      -----TTTTCTTTCTTTCTTTTT-----
M5 :      -----CACACACACACACA-----
M6 :      -----TTTTTTCTTTCTTT-----
M7 :      -----CCCCCCCCCTCCTCCCCCCCC-----
M8 :      -----TTTCTTTTCYTTTT-----
M9 :      -----TCTCTCTCT-----
M10 :     -----TTTTCTTTCTTT-----
M11 :     -----CCCCCCCCTCCTTCCCTCCC-----
M12 :     -----CACACACACACACACAC-----
M13 :     -----TCTCTCTCTC-----
M14 :     -----CCCCCCCCCTCCTCCCCCCCC-----
M15 :     -----CCCCACCTCC-----
M16 :     -----CCCGGCCCKCCCTCTCCCC-----
M17 :     -----CCTTCTTCT-----
M18 :     -----CCCCCCCCCTCCCAGCCCC-----
M19 :     -----CTTCTTCTC-----
M20 :     -----CCCCCGGCCCGCCCCCCCC-----
M21 :     -----CCCCCCCCCTCTCCC-----
M22 :     -----CCTCTGCCTCCC-----

```

Stamp Results

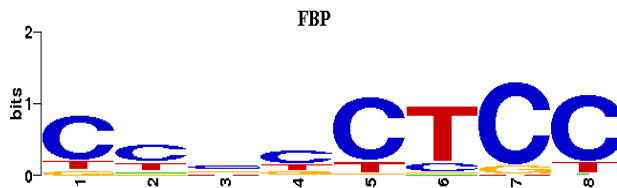
04/30/14

M23: -----CCCCCCCCACCTSCCCCCCCCC-----
M24: -----CCCGCGGCTGCTGC-----
M25: -----CCCTCTCCT-----
M26: -----CCCCCCCCTCCCCTCCCCCCCC-----
M27: -----CCCAGCCTCC-----
M28: -----CCTCCTCTCT-----
M29: -----CCTKTCTCCT-----
M30: -----CCCTGCCTCC-----
M31: -----CTTCTTCCTCC-----
M32: -----CCTCTGCTGCCC-----
M33: -----CCCTGSCCTGC-----
M34: -----CCCTGCCCCCCCC-----
M35: -----TCTCTGCAG-----
M36: -----CCCTGCCTGG-----
M37: -----CTGCTTCCC-----
M38: -----CCCCGCCCKCCCCTCCCCCCCC-----
M39: -----CCTCCTTCC-----
M40: -----CCCAGCCCAG-----
M41: -----GCTGCTGCTG-----
M42: -----CCCCTTCCCC-----
M43: -----CTTCCCTGC-----
M44: -----CCTCCAGCCCC-----
M45: -----CCCCGCCTCCTCCCC-----
M46: -----CCCAGCCTG-----
M47: -----CCACCCACCC-----
M48: -----GCCTCTGCC-----
M49: CCCCCCCCCAGCCNGCCCCCCCC-----
M50: -----GGCTGCAGG-----
M51: -----CCCCCCCCTCCCAGCCCCCCCC-----
M52: -----CAGCTCTGCG-----
M53: -----CCCCAGCTCCY-----
M54: -----CTCTGCTCC-----
M55: -----TCCTGCCCC-----
M56: -----CCCTCAGCCCCCCCC-----
M57: -----GGCTCYGGG-----
M58: -----CTCCCCAGGCCCCCC-----
M59: -----CCTCCCKGG-----
M60: -----CCCAGCTCTG-----
M61: -----CCCTCCCTTCC-----
M62: -----CCCAGCCTCC-----
M63: -----CCCAGGCTG-----
M64: -----CCTCTGTCCCC-----
M65: -----CAGCCCCAG-----

```

M66: -----CTTTCCAG-----
M67: -----CCTGKCCCTGC-----
M68: -----GCCTGGCTCCGC-----
M69: -----GGCCACGCC-----
M70: -----CCCTCTGGCYCC-----
M71: -----CCTGGGCTC-----
M72: -----CCGCAGCCTCTG-----
M73: -----CCCCGCCCCCGCCCCCKGGCCCCC
M74: -----KCCCCAGCCCC-----
M75: -----CTCTSCCTG-----
M76: -----CTCCCTTCTC-----
M77: -----TTTTCT-----
M78: -----CCACCCC-----
M79: -----CCTTTC-----
M80: -----CCTTCCTG-----
M81: -----CTTCTCT-----
M82: -----CCTKTCCC-----
M83: -----TCTCTCCT-----
M84: -----CTTCCTGG-----
M85: -----CTGCTCTG-----
M86: -----CCTCCCAG-----
M87: -----CTGCWGG-----
M88: -----GTCCTCC-----
M89: -----ATGTTTTT-----
M90: -----CTCCAGCT-----
M91: -----CTCTGAGG-----
M92: -----TCCAGGA-----
M93: -----TTTCCTCC-----
    
```

Familial Profile:
(click for matrix)

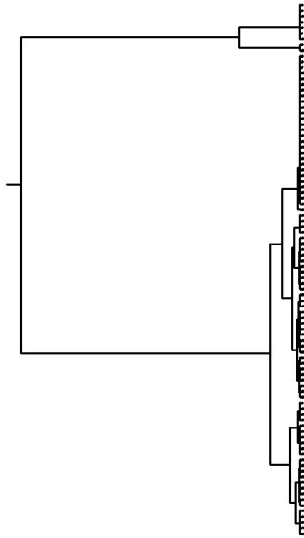


Motif Tree



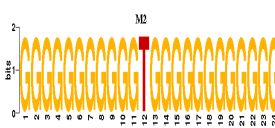
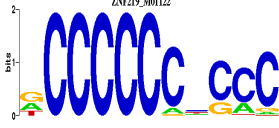
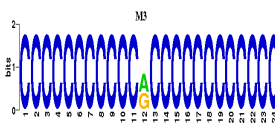

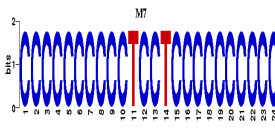
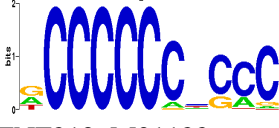
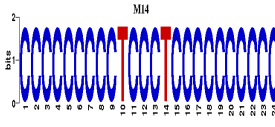
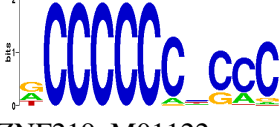
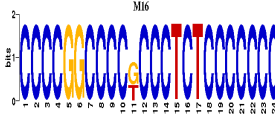

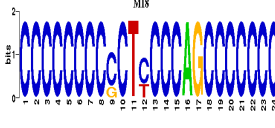

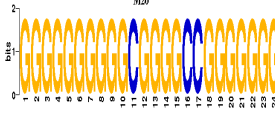

Tree (drawn by [Phylip](#))
[Click here for Newick-format tree](#) (viewable with [MEGA](#))

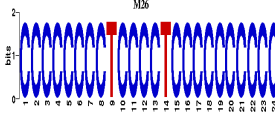
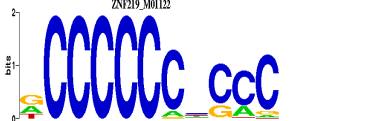
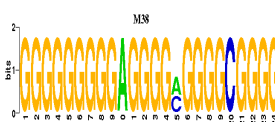

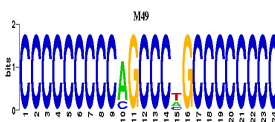

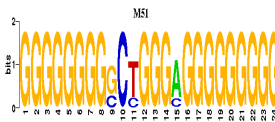

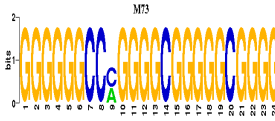

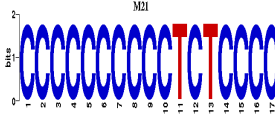

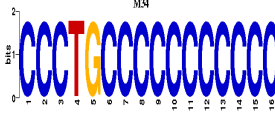

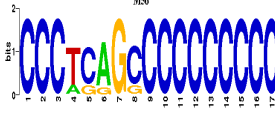

Input Motif

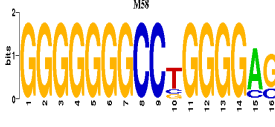







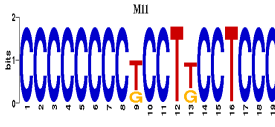

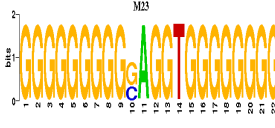

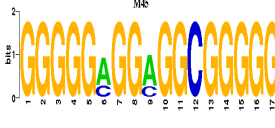



Best match in
 TRANSFAC





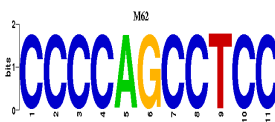





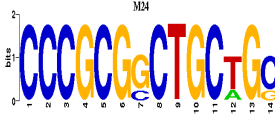







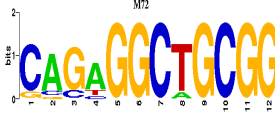
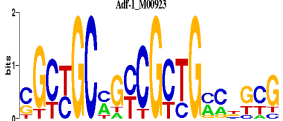
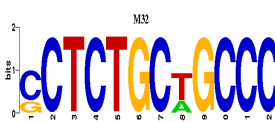




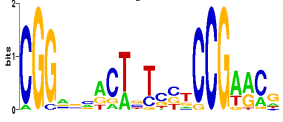








<p>M0</p>	<p>FOXP1_M00987 (E val: 7.1556e-10)</p>
<p>M6</p>	<p>STE11_M01005 (E val: 5.8657e-09)</p>
<p>M10</p>	<p>STE11_M01005 (E val: 6.6717e-09)</p>
<p>M4</p>	<p>HSF_M00163 (E val: 1.6870e-09)</p>
<p>M8</p>	<p>HSF_M00163 (E val: 3.5083e-14)</p>
<p>M1</p>	<p>MEF-2_M00006 (E val: 5.0850e-08)</p>
<p>M89</p>	<p>XFD-2_M00268 (E val: 1.4776e-05)</p>
<p>M5</p>	<p>RAP1_M00213 (E val: 8.0050e-06)</p>





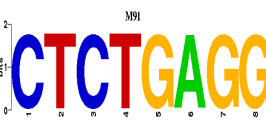



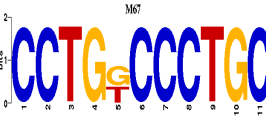

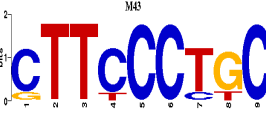

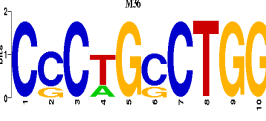



 <p>M12</p>	 <p>FOXPI_M00987 (E val: 6.1669e-05)</p>
 <p>M2</p>	 <p>ZNF219_M01122 (E val: 1.1324e-11)</p>
 <p>M3</p>	 <p>KROX_M00982 (E val: 6.8279e-14)</p>
 <p>M7</p>	 <p>ZNF219_M01122 (E val: 1.3895e-10)</p>
 <p>M14</p>	 <p>ZNF219_M01122 (E val: 1.3895e-10)</p>
 <p>M16</p>	 <p>KROX_M00982 (E val: 5.3008e-10)</p>
 <p>M18</p>	 <p>ZNF219_M01122 (E val: 3.1894e-10)</p>
 <p>M20</p>	 <p>KROX_M00982 (E val: 1.4322e-14)</p>


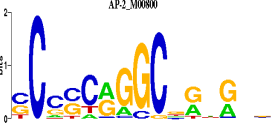














 <p>M26</p>	 <p>ZNF219_M01122 (E val: 1.3895e-10)</p>
 <p>M38</p>	 <p>UF1H3BETA_M01068 (E val: 6.4249e-13)</p>
 <p>M49</p>	 <p>KROX_M00982 (E val: 2.1887e-07)</p>
 <p>M51</p>	 <p>ZNF219_M01122 (E val: 1.3183e-09)</p>
 <p>M73</p>	 <p>KROX_M00982 (E val: 0.0000e+00)</p>
 <p>M21</p>	 <p>ZNF219_M01122 (E val: 2.0015e-11)</p>
 <p>M34</p>	 <p>ZNF219_M01122 (E val: 3.6304e-14)</p>
 <p>M56</p>	 <p>ZNF219_M01122 (E val: 7.0277e-14)</p>
<p></p>	<p></p>



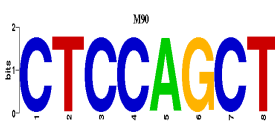



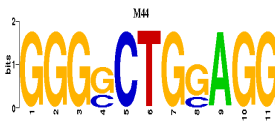

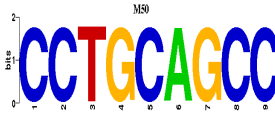
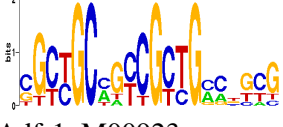






 <p>M58</p>	 <p>RREB-1_M00257 (E val: 9.8848e-08)</p>
 <p>M74</p>	 <p>KROX_M00982 (E val: 4.7690e-11)</p>
 <p>M47</p>	 <p>AtMYB-84_M00970 (E val: 1.4439e-10)</p>
 <p>M78</p>	 <p>GBF_M00633 (E val: 1.7798e-09)</p>
 <p>M11</p>	 <p>PU.1_M00658 (E val: 1.0865e-07)</p>
 <p>M23</p>	 <p>AtMYB-84_M00970 (E val: 1.2347e-11)</p>
 <p>M45</p>	 <p>KROX_M00982 (E val: 5.6141e-12)</p>
 <p>M15</p>	 <p>Alfin1_M00479 (E val: 4.5444e-10)</p>









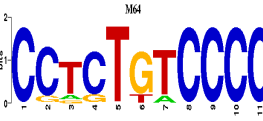

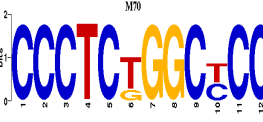





<p>M42</p>  <p>GGGGGAAAGGGG</p>	<p>UF1H3BETA_M01068</p>  <p>GTGGGGAGGGC</p> <p>(E val: 2.6569e-10)</p>
<p>M27</p>  <p>GGAGGCTGGGG</p>	<p>CAC-binding_M00720</p>  <p>AGGGTGGG</p> <p>(E val: 3.0003e-08)</p>
<p>M62</p>  <p>CCCCAGCCTCC</p>	<p>CAC-binding_M00720</p>  <p>AGGGTGGG</p> <p>(E val: 3.0003e-08)</p>
<p>M30</p>  <p>GGAGGCAGGG</p>	<p>TFII-I_M00706</p>  <p>GAGGAGG</p> <p>(E val: 1.5741e-06)</p>
<p>M69</p>  <p>GGGCGTGGCC</p>	<p>bZIP911_M00358</p>  <p>TGACGTGGCC</p> <p>(E val: 2.3254e-08)</p>
<p>M24</p>  <p>CCCGCGCTGCTGC</p>	<p>Adf-1_M00923</p>  <p>CCGCTGCTGC</p> <p>(E val: 2.2185e-06)</p>
<p>M41</p>  <p>CAGCAGCAGC</p>	<p>Adf-1_M00171</p>  <p>GCGCGC</p> <p>(E val: 1.8763e-06)</p>
<p>M65</p>  <p>CCTGGGGCTG</p>	<p>GBF_M00633</p>  <p>TGGGGT</p> <p>(E val: 5.4114e-07)</p>





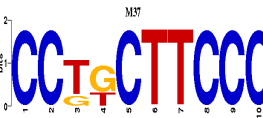



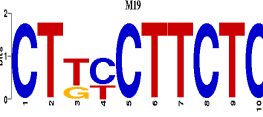

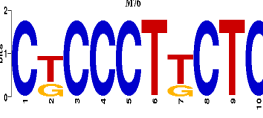
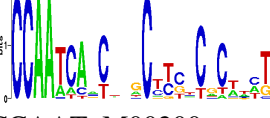




 <p>M72</p>	 <p>Adf-1_M00923 (E val: 6.7753e-08)</p>
 <p>M32</p>	 <p>LMAF_M01139 (E val: 5.3239e-06)</p>
 <p>M35</p>	 <p>LMAF_M01139 (E val: 7.3104e-05)</p>
 <p>M54</p>	 <p>GAL4_M00198 (E val: 7.4110e-05)</p>
 <p>M48</p>	 <p>Dde_M00304 (E val: 1.6748e-05)</p>
 <p>M75</p>	 <p>Nrf-2_M00108 (E val: 2.5385e-05)</p>
 <p>M52</p>	 <p>Eve_M00629 (E val: 5.0322e-07)</p>
 <p>M60</p>	 <p>HEB_M00698 (E val: 5.7899e-06)</p>



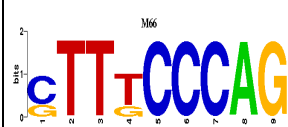

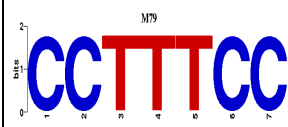







 <p>M85</p>	 <p>HSF_M00167 (E val: 5.8941e-06)</p>
 <p>M57</p>	 <p>STATx_M00223 (E val: 1.7151e-04)</p>
 <p>M91</p>	 <p>CDC5_M00361 (E val: 8.3743e-05)</p>
 <p>M33</p>	 <p>Eve_M00629 (E val: 1.2657e-05)</p>
 <p>M67</p>	 <p>BLIMP1_M01066 (E val: 1.1231e-04)</p>
 <p>M43</p>	 <p>MAF_M00648 (E val: 2.8351e-05)</p>
 <p>M36</p>	 <p>CAC-binding_M00720 (E val: 9.5294e-07)</p>
 <p>M46</p>	 <p>CAC-binding_M00720 (E val: 3.1033e-09)</p>

<p>M63</p> 	<p>AP-2_M00800</p>  <p>AP-2_M00800 (E val: 1.6517e-06)</p>
<p>M59</p> 	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 7.4906e-07)</p>
<p>M86</p> 	<p>Lyf-1_M00141</p>  <p>Lyf-1_M00141 (E val: 7.0228e-08)</p>
<p>M80</p> 	<p>Tel-2_M00678</p>  <p>Tel-2_M00678 (E val: 2.6916e-09)</p>
<p>M84</p> 	<p>NERF1a_M00531</p>  <p>NERF1a_M00531 (E val: 2.0407e-09)</p>
<p>M92</p> 	<p>STAT5B_M00459</p>  <p>STAT5B_M00459 (E val: 2.6017e-08)</p>
<p>M40</p> 	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 1.5114e-07)</p>
<p>M71</p> 	<p>Poly_M00211</p>  <p>Poly_M00211 (E val: 9.0048e-05)</p>

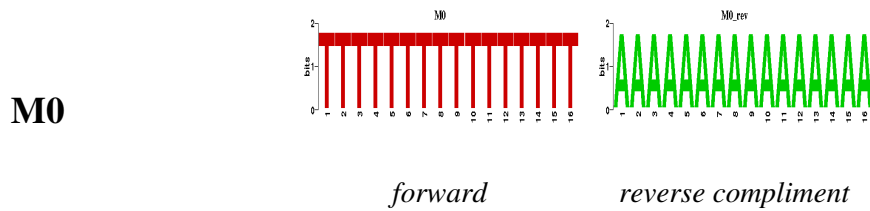
 <p>M53</p>	 <p>LUN-1_M00480 (E val: 8.1150e-08)</p>
 <p>M90</p>	 <p>Barbie_M00238 (E val: 1.5117e-08)</p>
 <p>M87</p>	 <p>HEB_M00698 (E val: 5.1705e-07)</p>
 <p>M44</p>	 <p>Sp1_M00933 (E val: 1.8700e-05)</p>
 <p>M50</p>	 <p>Adf-1_M00923 (E val: 2.6531e-05)</p>
 <p>M55</p>	 <p>Sp1_M00933 (E val: 7.4714e-07)</p>
 <p>M9</p>	 <p>GAGA_M00723 (E val: 2.4246e-08)</p>
 <p>M13</p>	 <p>GAGA_M00723 (E val: 1.1844e-09)</p>

 <p>M25</p>	 <p>MAZ_M00649 (E val: 1.0678e-05)</p>
 <p>M83</p>	 <p>TBX5_M01044 (E val: 2.7763e-04)</p>
 <p>M22</p>	 <p>MAZ_M00649 (E val: 5.7340e-06)</p>
 <p>M31</p>	 <p>PU.1_M00658 (E val: 7.5821e-09)</p>
 <p>M64</p>	 <p>PPARgamma-RXRalpha_M00512 (E val: 3.2184e-06)</p>
 <p>M70</p>	 <p>COUP_M00765 (E val: 2.3959e-05)</p>
 <p>M29</p>	 <p>ARF_M00438 (E val: 4.4943e-05)</p>
 <p>M68</p>	 <p>MAF_M00983 (E val: 1.7882e-04)</p>

 <p>M17</p>	 <p>Ets_M00971 (E val: 6.3383e-06)</p>
 <p>M61</p>	 <p>MAZ_M00649 (E val: 8.6829e-10)</p>
 <p>M37</p>	 <p>GCR1_M00046 (E val: 2.5995e-05)</p>
 <p>M39</p>	 <p>TFII-I_M00706 (E val: 3.3921e-06)</p>
 <p>M19</p>	 <p>MAF_M00648 (E val: 3.6933e-06)</p>
 <p>M76</p>	 <p>CCAAT_M00200 (E val: 3.1520e-05)</p>
 <p>M81</p>	 <p>Sry-beta_M00666 (E val: 1.1950e-05)</p>
 <p>M28</p>	 <p>PU.1_M00658 (E val: 3.1639e-05)</p>

 <p>M88</p>	 <p>UF1H3BETA_M01068 (E val: 1.3178e-05)</p>
 <p>M66</p>	 <p>RBP-Jkappa_M01112 (E val: 3.3631e-06)</p>
 <p>M79</p>	 <p>BLIMP1_M01066 (E val: 4.5550e-07)</p>
 <p>M82</p>	 <p>BLIMP1_M01066 (E val: 7.4452e-08)</p>
 <p>M77</p>	 <p>Helios_M01004 (E val: 6.4796e-10)</p>
 <p>M93</p>	 <p>PU.1_M00658 (E val: 3.3763e-07)</p>

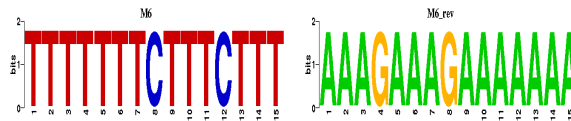
Motif Similarity Matches



Name *E value* *Alignment* *Motif*

FOXP1_M00987	7.1556e-10	---TTTTTTTTTTTTTTTT TATTTGTGTTGTTTTTAT	
STE11_M00274	9.8050e-10	AAAAAAAAAAAAAAAAAA-- WNNNNAACAAAGAAANW	
BR-C_M00092	8.5197e-09	AAAAAAAAAAAAAAAAAA RANAAATAGNWNNNN--	
HSF_M00163	1.8274e-06	-TTTTTTTTTTTTTTTT NTTCNTTCTNTTC---	
STE11_M01005	3.7220e-05	TTTTTTTTTTTTTTTT TTTCTTTGTC-----	
AG_M01133	6.3860e-05	-AAAAAAAAAAAAAAAAAA TWNCAAAAAWGGNAAN--	
MCM1+SFF_M01051	8.3305e-05	-----AAAAAAAAAAAAAAAA CCNAAWNNGGNAAWANNTAAAYAA--	
HFH4_M00742	1.3259e-04	-AAAAAAAAAAAAAAAAAA TAAACAAACAMW-----	
Pax-4_M00380	1.8938e-04	-AAAAAAAAAAAAAAAAAA----- N-AAAWTANNNNNNNNNNNNNNNNNNCACNCN	
FOX_M00809	2.1294e-04	TTTTTTTTTTTTTTTT ANTGTTTRTTW----	

M6



forward

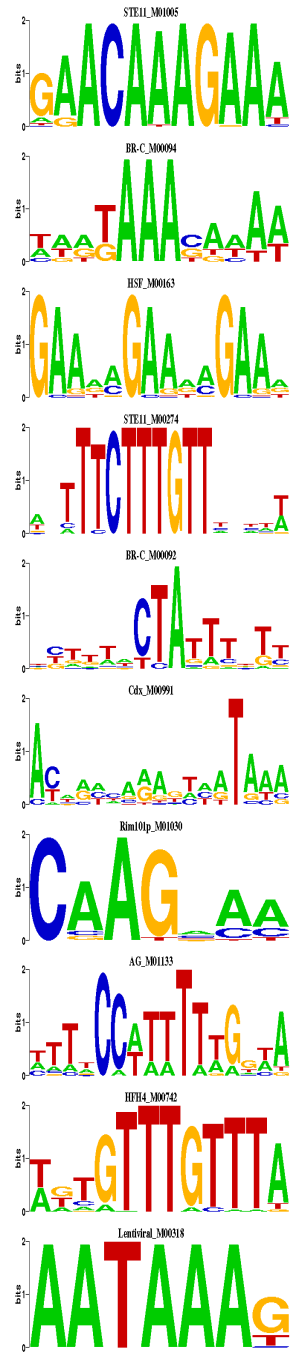
reverse complement

Name *E value* *Alignment* *Motif*

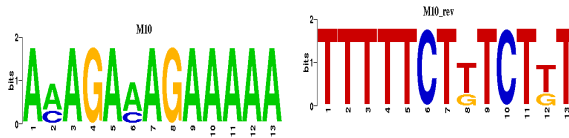
Stamp Results

04/30/14

STE11_M01005	5.8657e-09	TTTTTTTCTTTCTTT ----TTTCTTTGTTT
BR-C_M00094	1.8794e-08	TTTTTTTCTTTCTTT ---TTWISTTTAYWW
HSF_M00163	1.3604e-07	-TTTTTTTCTTTCTTT NTTCTNTTCTNTTC--
STE11_M00274	2.8495e-07	----AAAGAAAGAAAAAA WNNNNAACAAAGAAANW--
BR-C_M00092	6.4956e-06	-AAAGAAAGAAAAAA RANAAATAGNWNNNN-
Cdx_M00991	2.4030e-05	--AAAGAAAGAAAAAA AYNRNNARANNNATAAA
Rim101p_M01030	7.5945e-05	TTTTTTTCTTTCTTT ----TTNCTTG----
AG_M01133	8.4611e-05	---AAAGAAAGAAAAAA TWNCAAAAAWGGNAAN--
HFH4_M00742	1.0586e-04	-AAAGAAAGAAAAAA TAAACAAACAMW----
Lentiviral_M00318	1.2194e-04	AAAGAAAGAAAAAA -AATAAAG-----


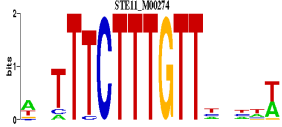




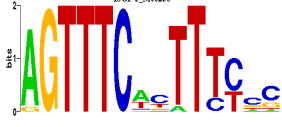





M10

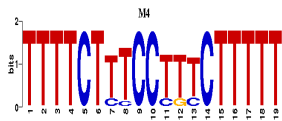


forward

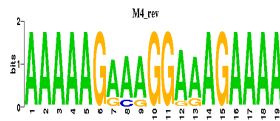
reverse complement

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STE11_M01005	6.6717e-09	TTTTTCTTTCTTT --TTTCTTTGTTC	
STE11_M00274	4.0000e-08	----AAAGAAAGAAAA WNNNNAACAAAGAAANW	
BR-C_M00094	5.0805e-08	TTTTTCTTTCTTT -TTWSTTTTAYWW	
BR-C_M00092	1.1959e-06	-AAAGAAAGAAAA- RANAAATAGNWNNNN	
AG_M01133	4.3098e-05	---AAAGAAAGAAAA TWNCAAAAAGGNAAN	
Rim101p_M01030	5.6980e-05	AAAGAAAGAAAA CAAGNAA-----	
ISGF-3_M00258	8.0392e-05	AAAGAAAGAAAA-- -GNCAAANWGAACT	
HFH4_M00742	8.4391e-05	-AAAGAAAGAAAA TAAACAAACAMW--	
SMAD3_M00701	1.1634e-04	AAAGAAAGAAAA --AGNCAGAC---	
BPC1_M01126	2.1358e-04	TTTTTCTTTCTTT -----NTTTC---	

M4



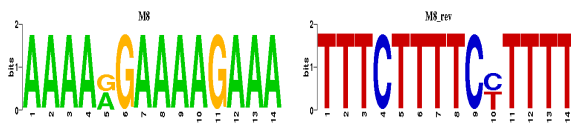
forward



reverse compliment

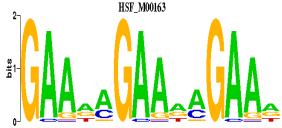

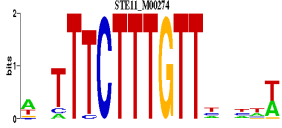




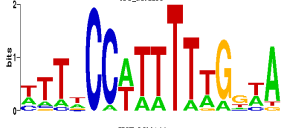


<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00163	1.6870e-09	TTTTCTTTCCTTTCTTTTT -----N TTCNTTTCNTTC	
STE11_M00274	5.8666e-07	-TTTTCTTTCCTTTCTTTTT WN TTTCTTTGTNNNNW---	
BR-C_M00094	3.0617e-06	TTTTCTTTCCTTTCTTTTT TTWTS TTTAYWW-----	
BLIMP1_M01066	6.5644e-06	TTTTCTTTCCTTTCTTTTT --YMC TTTTCMCTTYC----	
HSF_M00167	1.0095e-05	TTTTCTTTCCTTTCTTTTT -----N TTCNTTTCNTTC	
BR-C_M00092	1.3088e-05	AAAAAGAAAGGAAAGAAAA -RANAAA TAGNWNNNN---	
STE11_M01005	1.7709e-05	--AAAAAGAAAGGAAAGAAAA GAACAAAGAAA-----	
AG_M01133	6.8456e-05	TTTTCTTTCCTTTCTTTTT- ----N TTNCCWTTTTTG NWA	
PBF_M01130	1.1094e-04	TTTTCTTTCCTTTCTTTTT -----CCTTT-----	
Rim101p_M01030	1.6425e-04	TTTTCTTTCCTTTCTTTTT -TTNCTTG-----	

M8

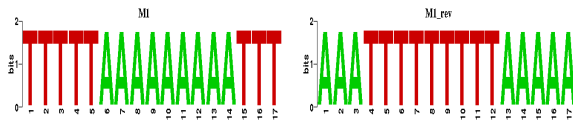


forward

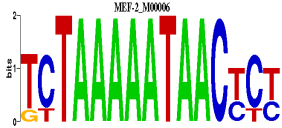
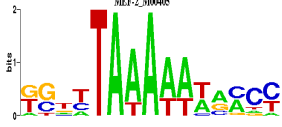



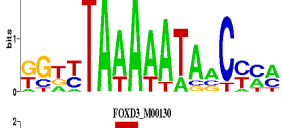



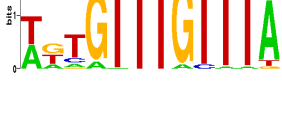
reverse compliment

Name	E value	Alignment	Motif
HSF_M00163	3.5083e-14	TTTCTTTTCYTTTT NTTCTNTTCTNTTC	
HSF_M00167	9.0899e-10	TTTCTTTTCYTTTT NTTCTNTTCTNTTC	
STE11_M00274	6.8386e-08	--TTTCTTTTCYTTTT-- WNTTCTTTTGTTNNNNW	
Evi-1_M00081	4.6443e-07	AAAARGAAAAGAAA GATANGANAAGATA	
HSF_M00164	1.3194e-06	AAAARGAAAAGAAA----- -----GAANAGAANNNTTCT	
Helios_M01004	3.4133e-06	TTTCTTTTCYTTTT ---NTTTTCCTWN-	
ID1_M01021	4.2760e-06	AAAARGAAAAGAAA AWAASGACAA-----	
AG_M01133	5.4830e-06	-----AAAARGAAAAGAAA TWNCAAAAAWGGNAAN-----	
HSF_M00166	9.2618e-06	TTTCTTTTCYTTTT NTTCTNTTCTAGAA	
BR-C_M00092	2.3812e-05	---AAAARGAAAAGAAA RANAAATAGNWNNNN---	

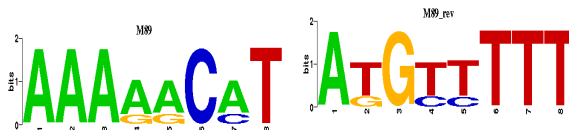
M1



forward reverse compliment


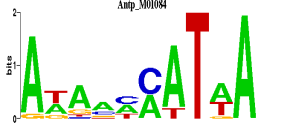

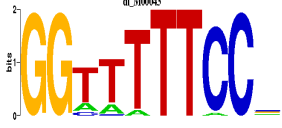
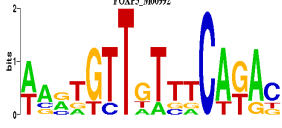

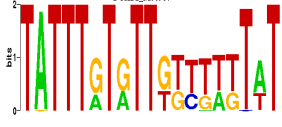



Name	E value	Alignment	Motif
MEF-2_M00006	5.0850e-08	TTTTTAAAAAAAAAATTT --TCTAAAATAACYCY	
MEF-2_M00405	1.3390e-07	AAATTTTTTTTTTAAAA --RGKNWTTTTTANNM	
HNF3beta_M00131	2.2929e-07	-AAATTTTTTTTTTAAAA GNANRTRTTYTTW----	
MEF-2_M00406	9.6748e-07	AAATTTTTTTTTTAAAA NGGGTTATTTTTAGM--	
HSF_M00164	1.1008e-06	--AAATTTTTTTTTTAAAA AGAANNCTCTNTTC-----	
aMEF-2_M00403	4.6678e-06	AAATTTTTTTTTTAAAA KCRGNTATTTTTARNM	
FOXD3_M00130	6.3358e-06	AAATTTTTTTTTTAAAA -AWGTTTNTTT-----	
HSF_M00166	8.7979e-06	AAATTTTTTTTTTAAAA --NTTCTNTTCTAGAA-	
FOXP3_M00992	1.7299e-05	TTTTTAAAAAAAAAATTT -NTMTGNNAACNNNW	
HFH4_M00742	7.2315e-05	TTTTTAAAAAAAAAATTT ----TAAACAAACAMW-	

M89



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
XFD-2_M00268	1.4776e-05	---ATGTTTTT-- YNNWTGTTTATAN	
Antp_M01084	1.5095e-05	---ATGTTTTT NTWATKNNWT	
FOXD3_M00130	1.5336e-05	-ATGTTTTT-- AWTGTNTNTT	
dI_M00043	3.5257e-05	ATGTTTTT--- -GTTTTTCCN	
FOXP3_M00992	7.3294e-05	-----AAAAACAT-- NTMTGNNANAACNNNW	
MYB.Ph3_M00218	1.5327e-04	AAAAACAT---- WAAAACSGTTAY	
FOXP1_M00987	2.0013e-04	---AAAAACAT----- ATAAAAAACAACACAAATA	
Elf-1_M00110	3.8992e-04	---ATGTTTTT---- NNNNNGGTNTNNNN	
HFH1_M00129	4.3987e-04	--AAAAACAT- AWATAAACAWT	
AR_M00447	4.6737e-04	--AAAAACAT---- AGAACAWNANGTWC	

M5

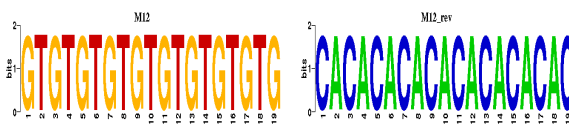


forward

reverse compliment

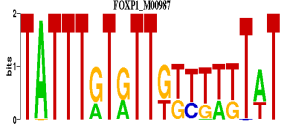









Name	E value	Alignment	Motif
RAP1_M00213	8.0050e-06	TGTGTGTGTGTGTG NRTGTATGGGTKY-	
HFH4_M00742	1.7579e-05	TGTGTGTGTGTGTG WKTGTTTGTTTA--	
Egr-3_M00245	2.5075e-04	CACACACACACACA -ACGCCACGCA--	
FOXP1_M00987	2.6202e-04	-CACACACACACACA----- ATAAAAAACAACACAAATA	
Egr-1_M00243	3.3733e-04	TGTGTGTGTGTGTG TGCGTGGGCGK---	
CACD_M01113	3.4066e-04	TGTGTGTGTGTGTG -GGGYGTG-----	
RREB-1_M00257	4.3967e-04	TGTGTGTGTGTGTG -GGGGTGGTTTGGG	
Egr-2_M00246	5.6774e-04	TGTGTGTGTGTGTG TGCGTGGGCGK---	
NGFI-C_M00244	6.5857e-04	CACACACACACACA -CCRCCCACGCA--	
Pit-1_M00802	1.9034e-03	---CACACACACACACA MTTCATNNWTATNNNNN	

M12

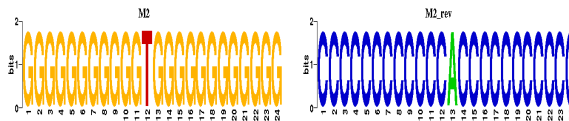








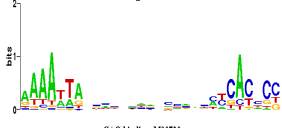



forward

reverse compliment

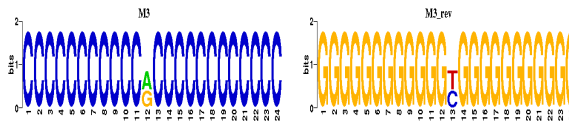
Name	E value	Alignment	Motif
FOXP1_M00987	6.1669e-05	-CACACACACACACACAC ATAAAAAACAACACAAATA-	
RAP1_M00213	6.9540e-05	-GTGTGTGTGTGTGTGTG NRGTATGGGTKY-----	
HFH4_M00742	1.1081e-04	GTGTGTGTGTGTGTGTG -WKTGTTTGTTTA-----	
CACD_M01113	8.9623e-04	GTGTGTGTGTGTGTGTG GGGYGTG-----	
Egr-3_M00245	9.7580e-04	CACACACACACACACAC -ACGCCACGCA-----	
Egr-1_M00243	1.2781e-03	GTGTGTGTGTGTGTGTG -TGCGTGGGCGK-----	
Egr-2_M00246	2.0494e-03	GTGTGTGTGTGTGTGTG -TGCGTGGGCGK-----	
RREB-1_M00257	2.3196e-03	GTGTGTGTGTGTGTGTG GGGGTGGTTTGGG-----	
NGFI-C_M00244	2.3438e-03	CACACACACACACACAC -CCRCCCACGCA-----	
GBF_M00633	6.7719e-03	GTGTGTGTGTGTGTGTG -TNGGGGTN-----	




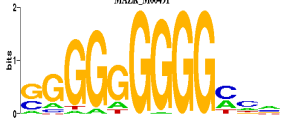


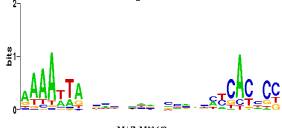

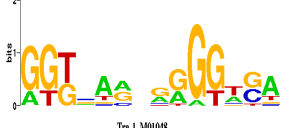

M2



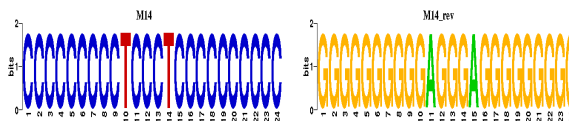
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.1324e-11	GGGGGGGGGGTGGGGGGGGGGG -GGNGGGGGGN-----	
KROX_M00982	4.4309e-11	GGGGGGGGGGTGGGGGGGGGGG -----GNNGNGGGGGCG----	
UF1H3BETA_M01068	6.9905e-10	CCCCCCCCCCCCACCCCCCCCCC -GCCCTCCCCRC-----	
RREB-1_M00257	5.9441e-09	GGGGGGGGGGTGGGGGGGGGGG --GGGTGGTTTGGG-----	
AtMYB-84_M00970	8.1633e-08	CCCCCCCCCCCCACCCCCCCCCC -----SCACCTACCNC-----	
MAZR_M00491	4.5097e-07	---GGGGGGGGGGTGGGGGGGGGGG SGGSGGGGGGGMNN-----	
Pax-4_M00380	8.1552e-07	GGGGGGGGGGTGGGGGGGGGGG----- --NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
CAC-binding_M00720	1.8002e-06	GGGGGGGGGGTGGGGGGGGGGG -----RGGSTGGG-----	
Alfin1_M00479	2.7716e-06	CCCCCCCCCCCCACCCCCCCCCC -----MNNCCCCACNYNYN-----	
GBF_M00633	5.5063e-06	CCCCCCCCCCCCACCCCCCCCCC -----NACCCNA-----	




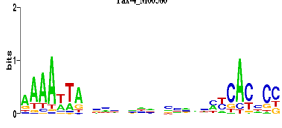




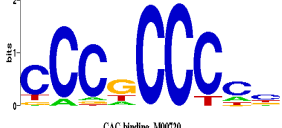

M3



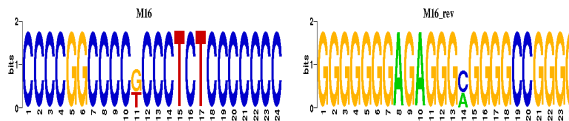
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGAGGAGGGGGGGGGG GGGNGGGGGGN-----	
KROX_M00982	2.1546e-09	GGGGGGGGGAGGAGGGGGGGGGG GNNNGGGGGCG-----	
AtMYB-84_M00970	5.8527e-08	CCCCCCCCCTCCTCCCCCCCCCC -----SCACCTACCNC-----	
MAZR_M00491	1.4729e-07	GGGGGGGGGAGGAGGGGGGGGGG -SGGGGGGGMNN-----	
UF1H3BETA_M01068	1.7590e-06	GGGGGGGGGAGGAGGGGGGGGGG -----GYGGGGGAGGGGC-----	
TFII-I_M00706	2.1301e-05	CCCCCCCCCTCCTCCCCCCCCCC -----CCTMCNTC-----	
Pax-4_M00380	5.9346e-05	GGGGGGGGGAGGAGGGGGGGGGG----- NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
MAZ_M00649	6.4065e-05	CCCCCCCCCTCCTCCCCCCCCCC -----CCCTCC-----	
VDR_M00444	1.7699e-04	CCCCCCCCCTCCTCCCCCCCCCC ----TSWCCYYNYTNMCC-----	
Tra-1_M01048	4.7281e-04	CCCCCCCCCTCCTCCCCCCCCCC -----ACCWCC-----	

M14



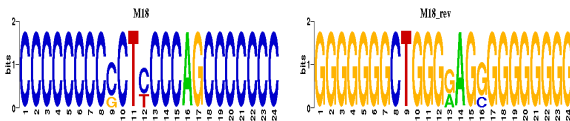
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGGAGGGAGGGGGGGGG GGNGGGGGGN-----	
KROX_M00982	2.1546e-09	GGGGGGGGGGAGGGAGGGGGGGGG GNNNGGGGGCG-----	
TFII-I_M00706	8.0531e-09	CCCCCCCCCTCCCTCCCCCCCCC -----CCTMCNTC-----	
Pax-4_M00380	2.7235e-08	GGGGGGGGGGAGGGAGGGGGGGGG----- -NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
MAZ_M00649	3.2502e-08	CCCCCCCCCTCCCTCCCCCCCCC -----CCTCCC-----	
MAZR_M00491	1.4729e-07	GGGGGGGGGGAGGGAGGGGGGGGG -SGGGGGGGMNN-----	
UF1H3BETA_M01068	2.4634e-07	CCCCCCCCCTCCCTCCCCCCCCC -----GCCCTCCCCRC---	
RREB-1_M00257	1.7614e-05	GGGGGGGGGGAGGGAGGGGGGGGG -GGGTTGGTTTGGG-----	
Sp1_M00933	5.5059e-05	CCCCCCCCCTCCCTCCCCCCCCC -----CCCKCCCN-----	
CAC-binding_M00720	5.6072e-05	CCCCCCCCCTCCCTCCCCCCCCC -----CCCASCCY-----	




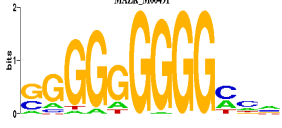


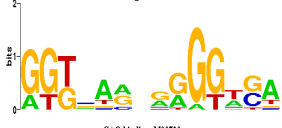



M16



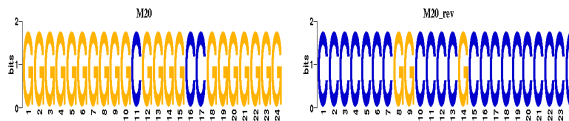
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	5.3008e-10	GGGGGGGAGAGGGMGGGGCCGGGG -----GNNNGGGGGCGG--	
Sp1_M00931	1.1260e-07	CCCCGGCCCCCKCCCTCTCCCCCCC -----NCCCCGCC-----	
UF1H3BETA_M01068	6.4708e-07	GGGGGGGAGAGGGMGGGGCCGGGG -----GYGGGGGAGGGGC-----	
MAZ_M00649	1.2439e-06	CCCCGGCCCCCKCCCTCTCCCCCCC -----CCCTCC-----	
TFII-I_M00706	1.2505e-06	CCCCGGCCCCCKCCCTCTCCCCCCC -----CCTMCNTC-----	
GC_M00255	1.1270e-05	CCCCGGCCCCCKCCCTCTCCCCCCC ---NNGCCCCGCCNN-----	
ABI4_M00958	4.4256e-05	GGGGGGGAGAGGGMGGGGCCGGGG -----GGCGGTGCN-----	
Sp1_M00933	5.7963e-05	CCCCGGCCCCCKCCCTCTCCCCCCC -----CCCKCCCN-----	
Sp1_M00932	8.7052e-05	GGGGGGGAGAGGGMGGGGCCGGGG -----NNGGGCGGGGNN-----	
Sp1_M00196	1.0109e-04	GGGGGGGAGAGGGMGGGGCCGGGG -----NNGGGCGGGGNN-----	






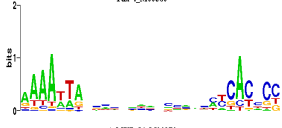

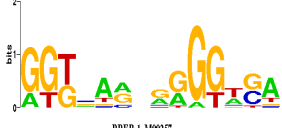


M18



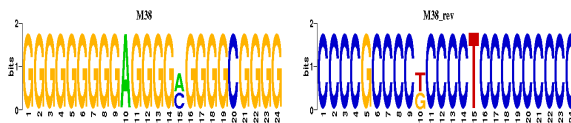
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	3.1894e-10	GGGGGGGCTGGGGAGGGGGGGGGG- -----GGNGGGGGGGN	
KROX_M00982	2.4542e-09	GGGGGGGCTGGGGAGGGGGGGGGG ---GNNNGGGGGCGG-----	
UF1H3BETA_M01068	1.1870e-08	GGGGGGGCTGGGGAGGGGGGGGGG -----GYGGGGGAGGGGC-----	
MAZR_M00491	2.2035e-07	GGGGGGGCTGGGGAGGGGGGGGGG--- -----SGGGGGGGGMNN	
MAZ_M00649	2.3181e-07	GGGGGGGCTGGGGAGGGGGGGGGG -----GGGAGGG-----	
RREB-1_M00257	1.9509e-06	GGGGGGGCTGGGGAGGGGGGGGGG GGGGTGGTTTGGG-----	
VDR_M00444	1.0125e-05	CCCCCCCCCTCCCCAGCCCCCCC -TSWCCYYNYTNMCC-----	
CAC-binding_M00720	1.6136e-05	GGGGGGGCTGGGGAGGGGGGGGGG ----RGGSTGGG-----	
Sp3_M00665	9.8248e-05	CCCCCCCCCTCCCCAGCCCCCCC -----CCYSCCAAGKS-----	
Sp1_M00933	1.9150e-04	CCCCCCCCCTCCCCAGCCCCCCC -----CCCKCCCN-----	

M20



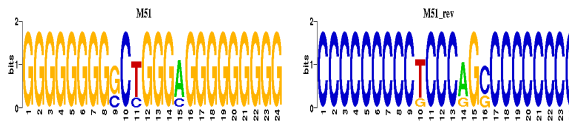
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGGAGGGGAGGGGGGGG GGNGGGGGGN-----	
UF1H3BETA_M01068	2.7773e-10	CCCCCCCCCTCCCCTCCCCCCCCC -----GCCCTCCCCRC---	
KROX_M00982	1.2332e-09	GGGGGGGGGGAGGGGAGGGGGGGG -----GNNGNGGGGGCGG	
MAZ_M00649	3.2502e-08	CCCCCCCCCTCCCCTCCCCCCCCC -----CCCTCC-----	
MAZR_M00491	1.4729e-07	GGGGGGGGGGAGGGGAGGGGGGGG -SGGGGGGGMNN-----	
Pax-4_M00380	4.8666e-06	-----CCCCCCCCCTCCCCTCCCCCCCCC NAAAWTANNNNNNNNNNNNNNNNNNCACNCN-	
AtMYB-84_M00970	1.0803e-05	GGGGGGGGGGAGGGGAGGGGGGGG ---GGNGGTAGGTGS-----	
VDR_M00444	1.4092e-05	-CCCCCCCCCTCCCCTCCCCCCCCC TSWCCYYNYTNMCC-----	
RREB-1_M00257	1.7614e-05	GGGGGGGGGGAGGGGAGGGGGGGG -GGGTGGTTTGGG-----	
TFII-I_M00706	2.1301e-05	CCCCCCCCCTCCCCTCCCCCCCCC -----CCTMCNTC-----	







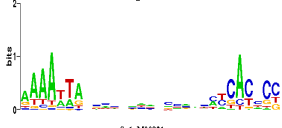



M38



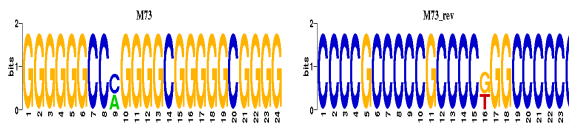
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	2.1887e-07	GGGGGGGGCNGGGCTGGGGGGGGG -----GNNNGGGGGGCG--	
ZNF219_M01122	2.3034e-07	GGGGGGGGCNGGGCTGGGGGGGGG- -----GGNGGGGGGN	
MAZR_M00491	4.5097e-07	GGGGGGGGCNGGGCTGGGGGGGGG--- -----SGGGGGGGMNN	
UF1H3BETA_M01068	1.0773e-06	CCCCCCCCCAGCCCNGCCCCCCCC -----GCCCTCCCCRC-	
Pax-4_M00380	2.1212e-06	GGGGGGGGCNGGGCTGGGGGGGGG----- NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
GC_M00255	5.9940e-06	CCCCCCCCCAGCCCNGCCCCCCCC -----NNGCCCCGCCNN--	
RREB-1_M00257	6.2194e-06	GGGGGGGGCNGGGCTGGGGGGGGG GGGGTGGTTTGGG-----	
CAC-binding_M00720	2.4506e-05	GGGGGGGGCNGGGCTGGGGGGGGG -----RGGSTGGG-----	
Sp3_M00665	2.5838e-05	GGGGGGGGCNGGGCTGGGGGGGGG -----SMCTGGGSRGGG	
Egr_M00807	3.3221e-05	CCCCCCCCCAGCCCNGCCCCCCCC NYYGCSCCA-----	

M51



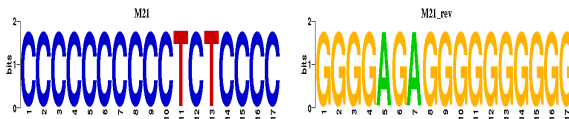
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3183e-09	GGGGGGGGGCTGGGAGGGGGGGGG -----GGGNGGGGGGN--	
MAZR_M00491	3.9438e-09	GGGGGGGGGCTGGGAGGGGGGGGG SGGGGGGGGMNN-----	
MAZ_M00649	2.7604e-08	CCCCCCCCCTCCCAGCCCCCCCCC -----CCCTCC-----	
KROX_M00982	2.1097e-07	GGGGGGGGGCTGGGAGGGGGGGGG -----GNNNGGGGGGCG--	
RREB-1_M00257	2.5024e-07	GGGGGGGGGCTGGGAGGGGGGGGG -GGGTGGTTTGGG-----	
Alfin1_M00479	4.4962e-07	CCCCCCCCCTCCCAGCCCCCCCCC-- -----MNNCCCCACNYNYN	
Pax-4_M00380	1.9215e-06	-----CCCCCCCCCTCCCAGCCCCCCCCC NAAAWTANNNNNNNNNNNNNNNNNNNCACNCN-	
Sp1_M00931	2.0235e-05	CCCCCCCCCTCCCAGCCCCCCCCC ----NCCCCGCC-----	
UF1H3BETA_M01068	3.9530e-05	CCCCCCCCCTCCCAGCCCCCCCCC--- -----GCCCTCCCCRC	
CAC-binding_M00720	5.4370e-05	GGGGGGGGGCTGGGAGGGGGGGGG -----RGGSTGG-----	











M73



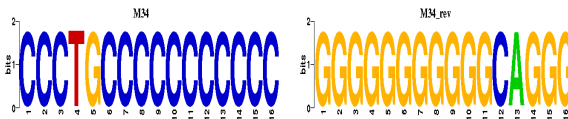
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	0.0000e+00	GGGGGGCCMGGGGCGGGGCGGGG -----GNNNGGGGGCGG--	
UF1H3BETA_M01068	4.2497e-09	-CCCCGCCCCCGCCCCGGCCCCC GCCCTCCCCRC-----	
ZNF219_M01122	2.5013e-08	GGGGGGCCMGGGGCGGGGCGGGG -----GGNGGGGGGN----	
Sp1_M00931	4.0246e-08	-CCCCGCCCCCGCCCCGGCCCCC NCCCCGCC-----	
Sp1_M00933	6.7910e-08	CCCCGCCCCCGCCCCGGCCCCC -CCCKCCCN-----	
Sp1_M00196	2.2522e-07	--CCCCGCCCCCGCCCCGGCCCCC NNCCCCGCCCN-----	
NGFI-C_M00244	2.9664e-07	CCCCGCCCCCGCCCCGGCCCCC --CCRCCCACGA-----	
Egr-1_M00243	2.8986e-06	GGGGGGCCMGGGGCGGGGCGGGG -----TGCGTGGGCGK--	
Egr-2_M00246	5.6327e-06	CCCCGCCCCCGCCCCGGCCCCC --MCGCCCACGA-----	
GC_M00255	6.2422e-06	---CCCCGCCCCCGCCCCGGCCCCC NNGCCCCGCCN-----	











M21



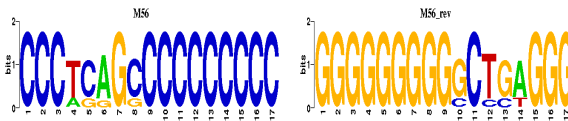
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	2.0015e-11	GGGGAGAGGGGGGGGGG-- -----GGGNGGGGGGN	
MAZR_M00491	5.2681e-08	-GGGGAGAGGGGGGGGGG-- S-----SGGGGGGGGMNN	
UF1H3BETA_M01068	3.6269e-07	-CCCCCCCCCTCTCCCC GCCCTCCCCRC-----	
KROX_M00982	5.8916e-07	CCCCCCCCCTCTCCCC --CCGCCCCCNCNNC--	
AtMYB-84_M00970	1.9859e-05	GGGGAGAGGGGGGGGGG GGNGGTAGGTGS-----	
TFII-I_M00706	3.6814e-05	CCCCCCCCCTCTCCCC ----CCTMCNTC-----	
MAZ_M00649	6.2178e-05	CCCCCCCCCTCTCCCC -----CCCTCCC-	
Alfin1_M00479	6.5339e-05	CCCCCCCCCTCTCCCC MNNCCCCACNYYN---	
Sp1_M00196	1.1107e-04	--CCCCCCCCCTCTCCCC NNCCCCGCCCN-----	
Sp1_M00931	1.4515e-04	-CCCCCCCCCTCTCCCC NCCCCGCC-----	

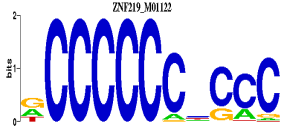









M34



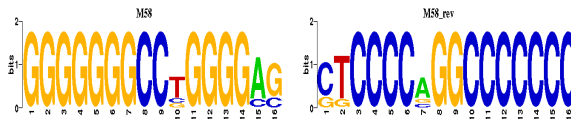
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	3.6304e-14	GGGGGGGGGGGCAGGG -GGGNGGGGGGN----	
KROX_M00982	6.0146e-11	GGGGGGGGGGGCAGGG -GNNNGGGGGGCGG--	
MAZR_M00491	8.2398e-11	GGGGGGGGGGGCAGGG --SGGGGGGGGMNN--	
UF1H3BETA_M01068	4.4193e-09	CCCTGCCCCCCCCCCC- ----GCCCCTCCCCRC	
Alfin1_M00479	2.7655e-06	CCCTGCCCCCCCCCCC --MNNCCCCACNYNYN	
RREB-1_M00257	8.4390e-06	GGGGGGGGGGGCAGGG ---GGGGTGGTTTGGG	
GC_M00255	1.8732e-05	CCCTGCCCCCCCCCCC --NNGCCCCGCCNN-	
AtMYB-84_M00970	3.6256e-05	GGGGGGGGGGGCAGGG-- -----GNGGTTAGGTGS	
Sp1_M00196	3.9862e-05	--CCCTGCCCCCCCCCCC NNCCCCGCCCN-----	
Sp1_M00931	4.7696e-05	-CCCTGCCCCCCCCCCC NCCCCGCC-----	

M56



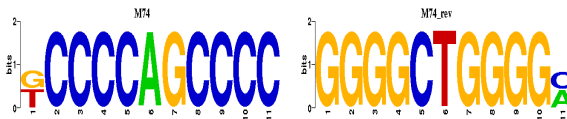
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	7.0277e-14	CCCTCAGCCCCCCCCC -----NCCCCCNCCC	
MAZR_M00491	2.0711e-10	GGGGGGGGGGCTGAGGG -SGGGGGGGGMNN----	
KROX_M00982	3.8973e-10	GGGGGGGGGGCTGAGGG GNNNGGGGGCGG----	
Alfin1_M00479	6.5056e-09	CCCTCAGCCCCCCCCC- ----MNNCCCCACNYYN	
UF1H3BETA_M01068	1.2380e-08	CCCTCAGCCCCCCCCC-- -----GCCCTCCCCRC	
Dde_M00304	2.9097e-06	GGGGGGGGGGCTGAGGG -----GGCTGAGC-	
VDR_M00444	1.2258e-05	CCCTCAGCCCCCCCCC ---TSWCCYYNYTMCC	
GC_M00255	4.1470e-05	CCCTCAGCCCCCCCCC ----NNGCCCCGCCNN	
RREB-1_M00257	6.3903e-05	CCCTCAGCCCCCCCCC --CCCAAACCACCC--	
Sp1_M00196	1.1107e-04	CCCTCAGCCCCCCCCC- -----NNCCCCGCCCN	









M58



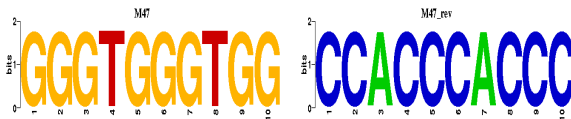
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
RREB-1_M00257	9.8848e-08	GGGGGGGCCTGGGGAG GGGGTGGTTTGGG---	
MAZR_M00491	1.2932e-05	--GGGGGGGCCTGGGGAG SGGGGGGGGMNN-----	
AP-2_M00915	1.4952e-05	GGGGGGGCCTGGGGAG-- -----NGCCNGNGGNNN	
KROX_M00982	2.4050e-05	CTCCCCAGGCCCCCCC CCGCCCCCNCNNC---	
ZNF219_M01122	5.1052e-05	---GGGGGGGCCTGGGGAG GGNGGGGGGN-----	
AP-2alpha_M00469	8.6543e-05	GGGGGGGCCTGGGGAG -----SCNNNNGG--	
Zic3_M00450	2.1372e-04	CTCCCCAGGCCCCCCC -----GANCMCCC-	
MAZ_M00649	2.3211e-04	CTCCCCAGGCCCCCCC -----CCCTCC	
AP-2gamma_M00470	4.6291e-04	GGGGGGGCCTGGGGAG -----CCNNNGGS-	
AP-2_M00189	5.5401e-04	GGGGGGGCCTGGGGAG -----CGCCNGSGGN	

M74

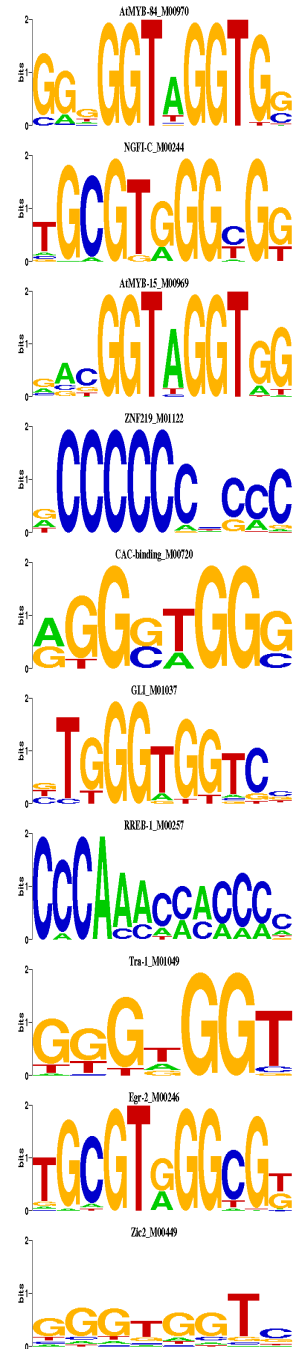


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	4.7690e-11	GGGGCTGGGGM-- GNNNGGGGGGCGG	
UF1H3BETA_M01068	1.6288e-09	KCCCCAGCCCC-- GCCCCGCCCCRC	
Alfin1_M00479	4.4966e-08	--KCCCCAGCCCC- MNNCCCCACNYYN	
CAC-binding_M00720	3.6109e-07	GGGGCTGGGGM -RGGSTGGG--	
Sp1_M00196	7.9196e-07	KCCCCAGCCCC- NNCCCCGCCCN	
ZNF219_M01122	1.0495e-06	GGGGCTGGGGM GGGNGGGGGGN	
Sp1_M00931	4.0016e-06	KCCCCAGCCCC -NCCCCGCC-	
Sp1_M00933	5.8166e-06	-GGGGCTGGGGM NGGGGMGGG---	
GC_M00255	1.0591e-05	-KCCCCAGCCCC- NNGCCCCGCCNN	
MAZR_M00491	1.9854e-05	GGGGCTGGGGM-- -SGGGGGGGGMNN	

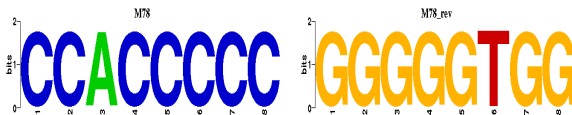
M47




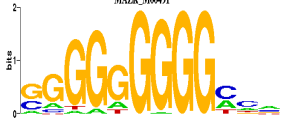

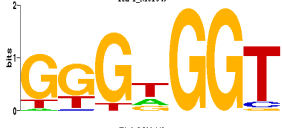






	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
AtMYB-84_M00970	1.4439e-10	--GGGTGGGTGG GGNGGTAGGTGS
NGFI-C_M00244	1.1134e-08	CCACCCACCC-- CCRCCCACGCA
AtMYB-15_M00969	1.1853e-07	CCACCCACCC-- CCACCTACCGTN
ZNF219_M01122	2.4481e-07	GGGTGGGTGG-- GGGNGGGGGGN
CAC-binding_M00720	2.7846e-07	CCACCCACCC-- ---CCCASCCY
GLI_M01037	3.1767e-07	GGGTGGGTGG--- --NTGGGTGGTCN
RREB-1_M00257	3.6667e-06	-GGGTGGGTGG-- GGGGTGGTTTGGG
Tra-1_M01049	6.5990e-06	-CCACCCACCC ACCNCCC----
Egr-2_M00246	1.0469e-05	-GGGTGGGTGG TGCGTGGGCGK
Zic2_M00449	1.4059e-05	--CCACCCACCC NACCACCC----

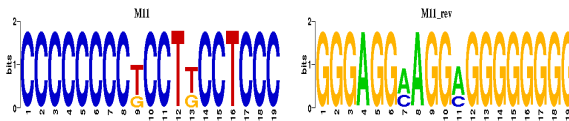


M78



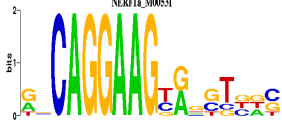

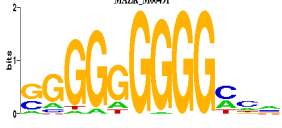







	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GBF_M00633	1.7798e-09	CCACCCCC-- -NACCCCA	
UF1H3BETA_M01068	2.5122e-08	---CCACCCCC-- GCCCCGCCCCRC	
Alfin1_M00479	2.0305e-07	-----CCACCCCC-- MNNCCCCACNYYN	
MAZR_M00491	8.0235e-07	-GGGGGTGG--- SGGGGGGGGMNN	
CAC-binding_M00720	8.9284e-07	GGGGGTGG-- -RGGSTGGG	
Tra-1_M01049	9.7768e-07	-CCACCCCC ACCNCCC--	
Zic2_M00449	1.3362e-06	--CCACCCCC NACCACC--	
AtMYB-84_M00970	1.4157e-06	GGGGGTGG---- GGNGGTAGGTGS	
KROX_M00982	1.4753e-06	-----GGGGGTGG GNNNGGGGGCGG	
Zic1_M00448	2.0324e-06	--CCACCCCC GACNACC--	

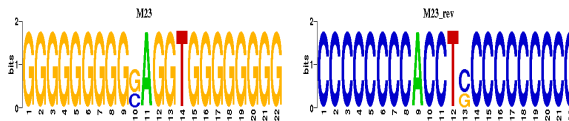
M11




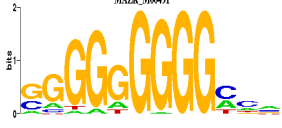








forward *reverse compliment*

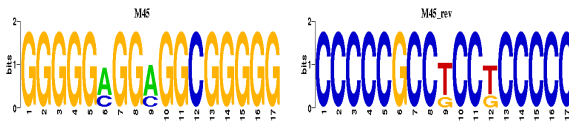
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	1.0865e-07	CCCCCCCCTCCTTCCTCCC -----CTTCCTC--	
ZNF219_M01122	9.9970e-07	GGGAGGAAGGAGGGGGGGG -----GGNGGGGGGN-	
NERF1a_M00531	3.5193e-06	CCCCCCCCTCCTTCCTCCC --SNNASNYRCTTCCTGNY	
KROX_M00982	6.2925e-06	GGGAGGAAGGAGGGGGGGG -----GNNGNGGGGGCGG	
MAZR_M00491	1.3580e-05	GGGAGGAAGGAGGGGGGGG-- -----SGGGGGGGGMNN	
GCR1_M00046	2.9894e-05	CCCCCCCCTCCTTCCTCCC -----GCTTCWC--	
MAZ_M00649	3.2445e-05	CCCCCCCCTCCTTCCTCCC -----CCCTCCC	
Ets_M00971	8.8303e-05	GGGAGGAAGGAGGGGGGGG --NAGGAAG-----	
TFII-I_M00706	1.0240e-04	CCCCCCCCTCCTTCCTCCC --CCTMCNTC-----	
PEA3_M00655	1.4228e-04	GGGAGGAAGGAGGGGGGGG ---MGGAWG-----	






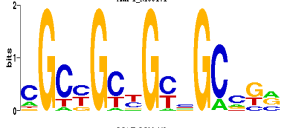




M23



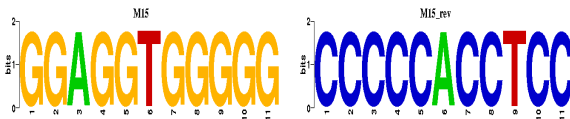
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AtMYB-84_M00970	1.2347e-11	CCCCCCCCACCTSCCCCCCCCC -----SCACCTACCNCC-----	
ZNF219_M01122	7.7437e-10	GGGGGGGGGSAGGTGGGGGGGG GGNGGGGGGN-----	
KROX_M00982	7.9196e-09	GGGGGGGGGSAGGTGGGGGGGG GNNGGGGGGCG-----	
MAZR_M00491	3.4114e-07	GGGGGGGGGSAGGTGGGGGGGG SGGGGGGGGMNN-----	
Tra-1_M01048	3.9216e-06	CCCCCCCCACCTSCCCCCCCCC -----ACCWCC-----	
UF1H3BETA_M01068	4.5300e-06	CCCCCCCCACCTSCCCCCCCCC -----GCCCTCCCCRC---	
Alfin1_M00479	6.5684e-06	CCCCCCCCACCTSCCCCCCCCC -MNNCCCCACNYNYN-----	
MAF_M00648	1.8329e-05	GGGGGGGGGSAGGTGGGGGGGG ---NGRRGAAGTKKNSN---	
ROM_M00700	2.3274e-05	GGGGGGGGGSAGGTGGGGGGGG -----TGASGTGG-----	
GBF_M00633	3.7463e-05	CCCCCCCCACCTSCCCCCCCCC -NACCCNA-----	

M45

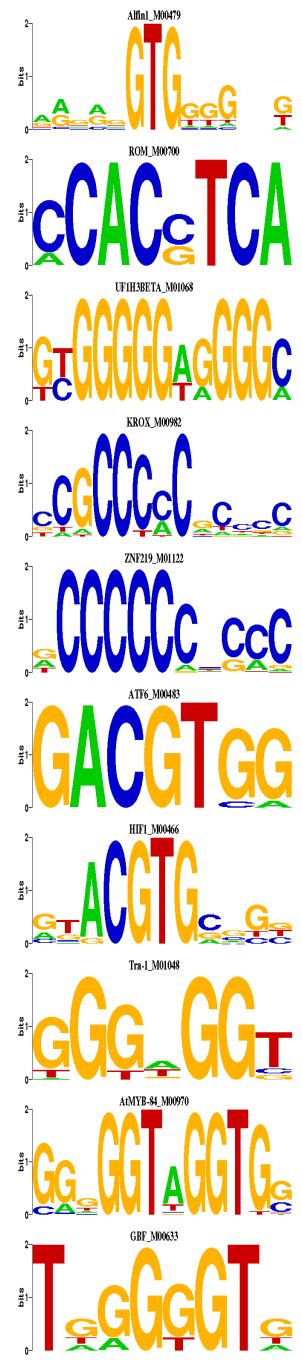


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	5.6141e-12	GGGGGAGGAGGCGGGGG -GNNGNNGGGGGCGG---	
Sp1_M00931	8.1861e-06	CCCCGCCTCCTCCCC NCCCCGCC-----	
TFII-I_M00706	1.2424e-05	CCCCGCCTCCTCCCC -----CCTMCNTC	
AtMYB-84_M00970	1.3804e-05	-GGGGGAGGAGGCGGGGG GGNGGTAGGTGS-----	
UF1H3BETA_M01068	1.4413e-05	CCCCGCCTCCTCCCC-- -----GCCCTCCCCRC	
Adf-1_M00171	2.6719e-05	--GGGGGAGGAGGCGGGGG NMNGCNRCRGRGCG----	
MAZ_M00649	2.7102e-05	CCCCGCCTCCTCCCC -----CCCTCCC--	
Sp1_M00008	3.3533e-05	CCCCGCCTCCTCCCC WCCCYGCCY-----	
Sp1_M00196	5.0274e-05	-CCCCGCCTCCTCCCC NNCCCCGCCCN-----	
Sp1_M00933	8.7613e-05	CCCCGCCTCCTCCCC --CCCKCCCN-----	

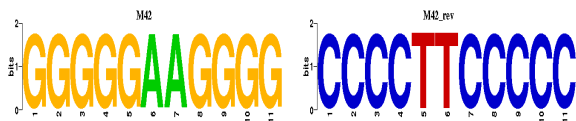
M15



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Alfin1_M00479	4.5444e-10	--CCCCACCTCC-- MNNCCCCACNYNYN
ROM_M00700	1.4981e-07	CCCCACCTCC ---CCACSTCA
UF1H3BETA_M01068	4.1528e-07	CCCCACCTCC-- GCCCTCCCCRC
KROX_M00982	2.2947e-06	---CCCCACCTCC CCGCCCCNCNNC-
ZNF219_M01122	5.3281e-06	-GGAGGTGGGGG GGNGGGGGGN-
ATF6_M00483	2.4290e-05	CCCCACCTCC ---CCACGTC-
HIF1_M00466	2.5934e-05	GGAGGTGGGGG RKACGTGSNGN
Tra-1_M01048	3.1994e-05	CCCCACCTCC- -----ACCWCC
AtMYB-84_M00970	4.1760e-05	GGAGGTGGGGG- GGNGGTAGGTGS
GBF_M00633	5.6828e-05	--CCCCACCTCC NACCCNA-----

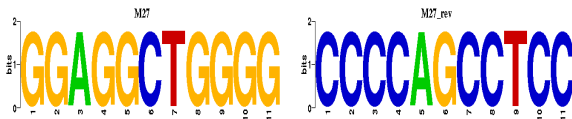




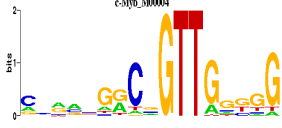


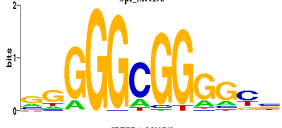




M42



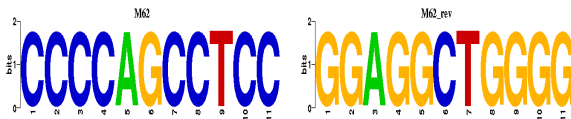
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	2.6569e-10	CCCCTTCCCC-- GCCCTCCCCRC	
AtMYB-84_M00970	7.3430e-09	GGGGGAAGGGG- GGNGGTAGGTGS	
MAF_M00648	1.1511e-06	---CCCCTTCCCC- NSNMMACTTCCYCN	
VDR_M00444	1.3037e-06	----CCCCTTCCCC TSWCCYNYTNMCC-	
ZNF219_M01122	7.8775e-06	GGGGGAAGGGG-- --GGNGGGGGGN	
PU.1_M00658	7.9089e-06	CCCCTTCCCC ---CTTCTC-	
KROX_M00982	2.3075e-05	---CCCCTTCCCC CCGCCCCNCNNC-	
MAZ_M00649	3.0625e-05	CCCCTTCCCC --CCCTCCC--	
MZF1_M00084	5.4559e-05	CCCCTTCCCC----- ----TTNCCCCTCNNN	
STRE_M00308	1.0872e-04	-CCCCTTCCCC NCCCCT-----	

M27



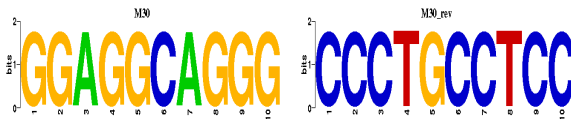
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	3.0003e-08	CCCCAGCCTCC -CCCASCCY--	
KROX_M00982	2.8515e-05	---CCCAGCCTCC CCGCCCCNCNNC-	
c-Myb_M00004	9.7126e-05	-----GGAGGCTGGGG- NNNNNGRCNGTGNNG	
Dde_M00304	3.2644e-04	GGAGGCTGGGG ---GGCTGAGC	
AP-2_M00915	3.3144e-04	GGAGGCTGGGG--- --NGCCNGNGGNNN	
Sp1_M00196	3.9306e-04	-CCCAGCCTCC NNCCCCGCCCN	
SREBP-1_M00749	4.8755e-04	GGAGGCTGGGG- -----TGGSGT	
UF1H3BETA_M01068	5.6863e-04	-CCCAGCCTCC- GCCCCCCCCRC	
Sp1_M00008	8.5050e-04	CCCAGCCTCC WCCYGCCY--	
Sp1_M00931	9.4087e-04	CCCAGCCTCC NCCCCGCC--	


M62



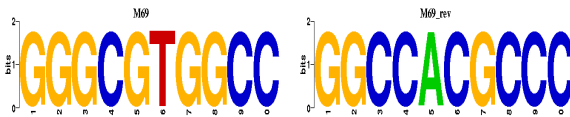
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	3.0003e-08	CCCCAGCCTCC -CCCASCCY--	
KROX_M00982	2.8515e-05	---CCCAGCCTCC CCGCCCCNCNNC-	
c-Myb_M00004	9.7126e-05	-----GGAGGCTGGGG- NNNNNGRCNGTGNNG	
Dde_M00304	3.2644e-04	GGAGGCTGGGG ---GGCTGAGC	
AP-2_M00915	3.3144e-04	GGAGGCTGGGG--- --NGCCNGNGGNNN	
Sp1_M00196	3.9306e-04	-CCCAGCCTCC NNCCCCGCCCN	
SREBP-1_M00749	4.8755e-04	GGAGGCTGGGG- -----TGGSGT	
UF1H3BETA_M01068	5.6863e-04	-CCCAGCCTCC- GCCCTCCCCRC	
Sp1_M00008	8.5050e-04	CCCAGCCTCC WCCYGCCY--	
Sp1_M00931	9.4087e-04	CCCAGCCTCC NCCCCGCC--	









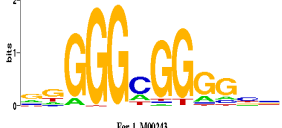

M30



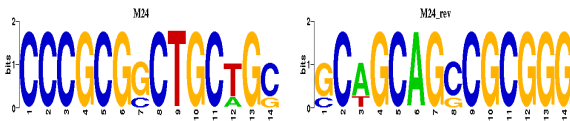
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TFII-I_M00706	1.5741e-06	GGAGGCAGGG -GANGKAGG-	
CAC-binding_M00720	6.2476e-06	CCCTGCCTCC CCCASCCY--	
MAZ_M00649	9.4096e-06	CCCTGCCTCC CCCTCCC---	
E2A_M00804	2.0304e-05	-CCCTGCCTCC-- CACCTGNCNCNKN	
PU.1_M00658	3.1639e-05	GGAGGCAGGG -GAGGAAG--	
E2A_M00973	6.0303e-05	GGAGGCAGGG ---RNCAGNT	
GC_M00255	9.5498e-05	---CCCTGCCTCC NNGCCCCGCCNN	
Sp1_M00008	1.0666e-04	-CCCTGCCTCC WCCCYGCCY--	
Sp1_M00196	1.1945e-04	--CCCTGCCTCC NNCCCCGCCCN	
AtMYB-84_M00970	2.6345e-04	GGAGGCAGGG-- GGNGGTAGGTGS	

M69



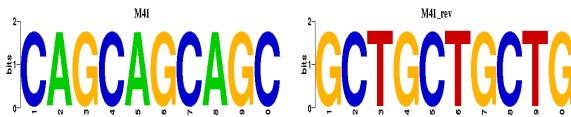
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
bZIP911_M00358	2.3254e-08	GGCCACGCCC- GGCCACGTCAY	
KROX_M00982	1.1507e-07	-GGGCGTGGCC-- GNNGNNGGGGGCGG	
CACD_M01113	2.0470e-07	GGGCGTGGCC GGGYGTG---	
GC_M00255	3.1697e-07	-GGCCACGCCC-- NNGCCCCGCCCNN	
Sp1_M00931	8.4869e-07	GGCCACGCCC -NCCCCGCCC	
bZIP910_M00356	9.6488e-07	GGCCACGCCC- KGCCACGTCAT	
ATF6_M00483	1.3368e-05	GGCCACGCCC --CCACGTC-	
Egr-3_M00245	2.9083e-05	GGGCGTGGCC-- -TGCGTGGGCGT	
Sp1_M00932	3.1270e-05	GGCCACGCCC-- NNCCCCGCCCNN	
Egr-1_M00243	3.1698e-05	GGGCGTGGCC-- -TGCGTGGGCGK	

M24



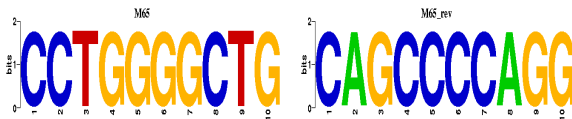
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00923	2.2185e-06	-----CCCGCGGCTGCTGC- CRMNKKCAGCGRCKGCRGCS	
Adf-1_M00171	2.2415e-06	---GCAGCAGCCGCGGG NMNGCNRCRGCRGCG---	
HEN1_M00058	8.4120e-06	----CCCGCGGCTGCTGC--- NNNGGNCGCAGCTGCGNCCNN	
PDR3_M00752	9.5600e-06	GCAGCAGCCGCGGG -----TCCGCGG-	
LMAF_M01139	1.4455e-04	CCCGCGGCTGCTGC- -----CTGCTGAS	
ERF2_M01057	2.8101e-04	CCCGCGGCTGCTGC --GGCGGC-----	
E12_M00693	3.0648e-04	CCCGCGGCTGCTGC ----NINCACCTGY	
myogenin_M00712	4.6479e-04	GCAGCAGCCGCGGG ---NCAGSTG----	
HSF_M00641	4.7325e-04	GCAGCAGCCGCGGG- ---GAARCYNCKNGA	
HEN1_M00068	5.4068e-04	----GCAGCAGCCGCGGG--- NNNGGNCNCAGCTGNGNCCNN	

M41



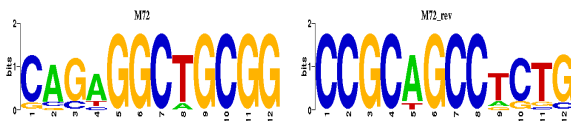
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00171	1.8763e-06	-GCTGCTGCTG---- CGCYGCGYNGCNKN	
LMAF_M01139	1.4743e-05	GCTGCTGCTG -CTGCTGAS-	
HEN1_M00058	4.9239e-05	-----GCTGCTGCTG----- NNNGGNCGCAGCTGCGNCCNN	
TAL1_M00993	8.0742e-05	CAGCAGCAGC -RNCAGNTGG	
Adf-1_M00923	8.2031e-05	-----CAGCAGCAGC----- CRMNKKCAGCGRCKGCRGCS	
HEB_M00698	1.0226e-04	GCTGCTGCTG CCWGCTG---	
AP-4_M00927	1.3397e-04	CAGCAGCAGC --RCAGCTGN	
Bel-1_M00312	1.7669e-04	-----CAGCAGCAGC----- KNGRNAGTNMNCKCWGYRTCAGCAGNT	
LBP-1_M00644	3.3233e-04	CAGCAGCAGC --SCAGCN--	
myogenin_M00712	3.5936e-04	CAGCAGCAGC --NCAGSTG-	

M65



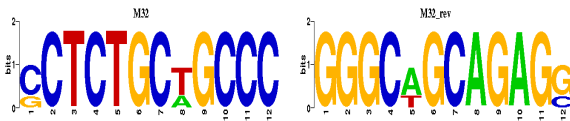
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GBF_M00633	5.4114e-07	CAGCCCCAGG NACCCNA--	
AP-2alphaA_M01047	6.6364e-06	--CAGCCCCAGG--- ANMGCCTNAGGCKN	
Alfin1_M00479	6.9768e-06	----CCTGGGGCTG NRNRNGTGGGNNK	
AP-2_M00915	2.5915e-05	--CCTGGGGCTG NGCCNGGGNNN	
NRSF_M00256	3.3180e-05	-----CCTGGGGCTG- GSYGCTGTCCGTGGTGCTGA	
NRSF_M01028	6.5413e-05	-CAGCCCCAGG----- TCAGCACCRYGGACAGNR	
CACCC-binding_M00721	1.1706e-04	-----CCTGGGGCTG CCNCACCCWNNKGNT-	
AP-2alpha_M00469	1.2340e-04	CAGCCCCAGG --SCNNGG	
AP-2gamma_M00470	1.2460e-04	CAGCCCCAGG --SCNNGG	
SREBP-1_M00749	3.1581e-04	CCTGGGGCTG --TGSGT--	

M72



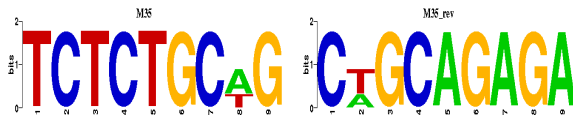
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00923	6.7753e-08	--CCGCAGCCTCTG----- SGCYGCMGYCGCTGMMNKYG	
Bel-1_M00312	2.1852e-06	-----CCGCAGCCTCTG----- KNGRNAGTNMNCCKWGYRTCAGCAGNT	
HSF_M00641	8.6714e-06	CCGCAGCCTCTG-- --GAARCYNCKNGA	
Dde_M00304	4.7158e-04	CAGAGGCTGCGG ----GGCTGAGC	
CAC-binding_M00720	5.6004e-04	CCGCAGCCTCTG -CCCASCCY---	
LBP-1_M00644	7.6852e-04	CCGCAGCCTCTG --SCAGCN----	
Adf-1_M00171	7.8749e-04	-CAGAGGCTGCGG-- NMNGCNRCRGCRCG	
GCR1_M00046	1.8732e-03	CCGCAGCCTCTG --GCTTCCWC--	
HEN1_M00058	2.0394e-03	-----CCGCAGCCTCTG----- NNNGNCGCAGCTGCGNCCNN	
ZBRK1_M01105	2.1642e-03	CAGAGGCTGCGG-- AAANNNTGCKSCC	







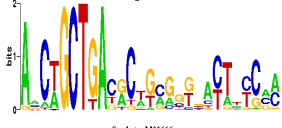


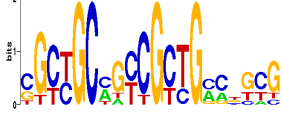
M32



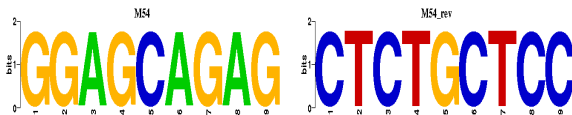
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	5.3239e-06	CCTCTGCTGCCC ---CTGCTGAS-	
LXR_M00965	3.9347e-05	--GGGCAGCAGAGG-- NRGGTYANNNNAGGNC	
Adf-1_M00171	1.7966e-04	CCTCTGCTGCCC---- -CGCYGCGYNGCNKN	
Eve_M00629	4.3581e-04	GGGCAGCAGAGG-- -----GCNGNSSWN	
HEB_M00698	4.8174e-04	CCTCTGCTGCCC --CCWGCTG---	
AP-4_M00927	6.7982e-04	GGGCAGCAGAGG --RCAGCTGN--	
HNF4_M01033	8.4029e-04	CCTCTGCTGCCC -----TGNNC	
HEN1_M00058	1.2610e-03	-----GGGCAGCAGAGG----- NNNGGNCGCAGCTGCGNCCNN	
LBP-1_M00644	1.2838e-03	GGGCAGCAGAGG --SCAGCN----	
TAL1_M00993	1.3078e-03	GGGCAGCAGAGG-- ----RNCAGNTGG	







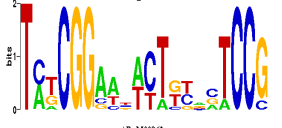



M35



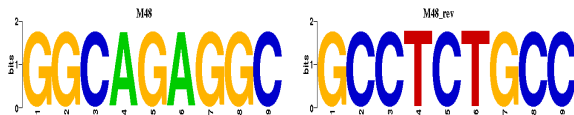
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	7.3104e-05	TCTCTGCAG -STCAGCAG	
Eve_M00629	9.7188e-04	CTGCAGAGA-- --GCNGNSSWN	
Gfi1b_M01058	1.4468e-03	CTGCAGAGA--- -WGCMGTGATTT	
Nrf-2_M00821	1.6656e-03	----TCTCTGCAG NNTGACTCAGCA-	
Dde_M00304	3.0485e-03	CTGCAGAGA -GGCTGAGC	
HEB_M00698	3.6017e-03	CTGCAGAGA CAGCWGG--	
Bel-1_M00312	4.6938e-03	-----TCTCTGCAG-- KNGRNAGTNMNCKCWGYRTCAGCAGNT	
Sry-beta_M00666	4.6982e-03	CTGCAGAGA--- ----AGWGATGC	
Nrf-2_M00108	6.6892e-03	TCTCTGCAG- -SNCTTCCGG	
Adf-1_M00923	7.2052e-03	-----CTGCAGAGA CRMNKKCAGCGRCKGCRGCS-	



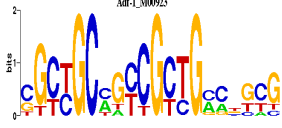





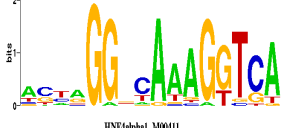

M54



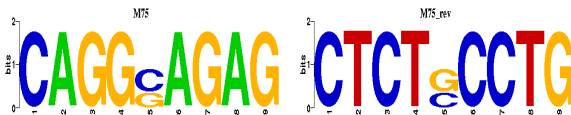
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GAL4_M00198	7.4110e-05	-----GGAGCAGAG----- NGYTCGGNNNANAGNNNNCCG	
GAL4_M00049	7.1212e-04	----GGAGCAGAG----- STTCGGASNANWGTNNNCCGNN	
Eve_M00629	9.7188e-04	GGAGCAGAG--- ---GCNGNSSWN	
TAL1_M00993	1.0323e-03	GGAGCAGAG-- --RNCAGNTGG	
LMAF_M01139	1.7089e-03	CTCTGCTCC- --CTGCTGAS	
dTCF_M00362	1.8855e-03	-GGAGCAGAG AAGATCAAAG	
LAC9_M00207	1.9397e-03	--GGAGCAGAG----- NCGGANNRMAGWNWTCCGMKA	
AR_M00962	2.3953e-03	CTCTGCTCC NNNTGCTC-	
ZBRK1_M01105	2.7817e-03	----CTCTGCTCC- AAANNCTGCKSCC	
Dde_M00304	3.0485e-03	GGAGCAGAG- --GGCTGAGC	






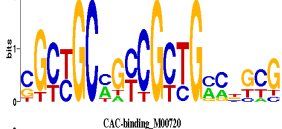


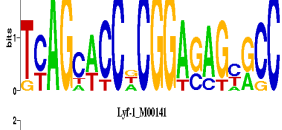

M48



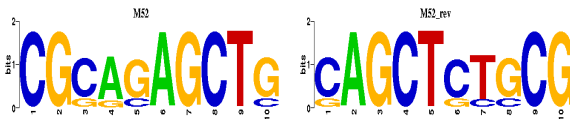
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Dde_M00304	1.6748e-05	GGCAGAGGC GGCTGAGC-	
Adf-1_M00171	1.7129e-05	-GCCTCTGCC----- CGCYGCGYNGCNKN	
Adf-1_M00923	1.1559e-04	----GGCAGAGGC----- CRMNKKCAGCGRCKGCRGCS	
KROX_M00982	1.3695e-04	--GGCAGAGGC-- GNNGNNGGGGGCGG	
UF1H3BETA_M01068	2.3147e-04	GCCTCTGCC---- GCCCTCCCCRC	
HNF4_M01031	2.6889e-04	---GCCTCTGCC- NTGRMCTTTGNNC	
Eve_M00629	3.1760e-04	GGCAGAGGC- -GCNGNSSWN	
TAL1_M00993	3.4491e-04	GGCAGAGGC RNCAGNTGG	
PPAR_M00528	3.6610e-04	--GCCTCTGCC----- TGACCTTTGNCCNNNN	
HNF4alpha1_M00411	3.7553e-04	---GCCTCTGCC-- NTGACCTTTGNCCY	

M75



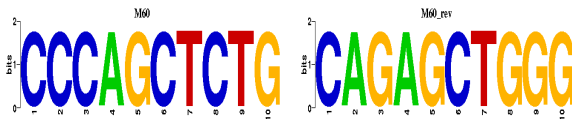
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Nrf-2_M00108	2.5385e-05	CAGGSAGAG CCGGAAGNS	
SMAD3_M00701	5.7940e-05	CAGGSAGAG -AGNCAGAC	
Dde_M00304	7.7085e-05	-CTCTSCCTG GCTCAGCC--	
MAZ_M00649	8.1434e-05	CTCTSCCTG CCCTCCC--	
AP-2_M00800	1.8198e-04	--CTCTSCCTG---- NNYNYNGCCYGSSGS	
Adf-1_M00923	3.3245e-04	--CAGGSAGAG----- CRMNKKCAGCGRCKGCRGCS	
CAC-binding_M00720	3.7659e-04	CAGGSAGAG -RGGSTGGG	
Tel-2_M00678	6.1683e-04	CAGGSAGAG CAGGAAGTA	
NRSE_M00325	1.0721e-03	----CTCTSCCTG----- GGCRCTCTCCNGGTGCTGA	
Lyf-1_M00141	1.5062e-03	CTCTSCCTG -YCTCCCAA	

M52



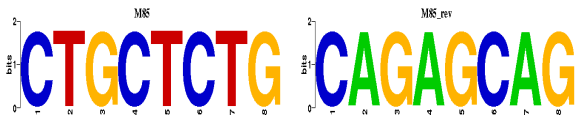
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Eve_M00629	5.0322e-07	CGCAGAGCTG -GCNGNSSWN	
CDC5_M00361	2.1743e-05	--CGCAGAGCTG NSCGCTGAGS--	
Dde_M00304	8.8601e-05	CGCAGAGCTG GGCTGAGC--	
Sry-beta_M00666	1.2266e-04	CGCAGAGCTG- ---AGWGATGC	
LBP-1_M00644	1.8548e-04	-CAGCTCTGCG SCAGCN-----	
NRSE_M00325	2.5972e-04	-CAGCTCTGCG----- TCAGCACCNCGGAGAGYGCC	
GAL4_M00198	4.1178e-04	-----CAGCTCTGCG NGYTCCGNNNANAGNNNNCCG	
AP-4_M00005	4.4270e-04	---CGCAGAGCTG---- MNGNCNNCAGCTGNNNN	
NRSF_M01028	7.0206e-04	-----CGCAGAGCTG- YNCTGTCCRYGGTGCTGA	
AP-4_M00176	1.5101e-03	--CAGCTCTGCG NNCAGCTGN---	











M60



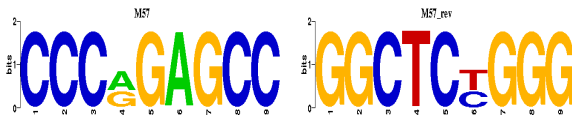
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	5.7899e-06	CAGAGCTGGG --CAGCWGG-	
LBP-1_M00644	1.3838e-05	CCCAGCTCTG -SCAGCN---	
LUN-1_M00480	3.2321e-05	-----CAGAGCTGGG TCCCAAAGTAGCTGGG	
Alfin1_M00479	4.0276e-05	----CCCAGCTCTG MNNCCCCACNYYN	
AP-4_M00176	4.9671e-05	CCCAGCTCTG NNCAGCTGN-	
Sry-beta_M00666	8.1749e-05	CAGAGCTGGG -AGWGATGC-	
AP-4_M00005	1.0402e-04	-----CAGAGCTGGG-- MNGNCNNCAGCTGNNNN	
Eve_M00629	1.5518e-04	-CAGAGCTGGG GCNGNSSWN--	
Barbie_M00238	2.3651e-04	--CCCAGCTCTG-- CMNNCNSCTTTNNN	
ROM_M00700	3.7449e-04	CAGAGCTGGG -TGASGTGG-	

M85



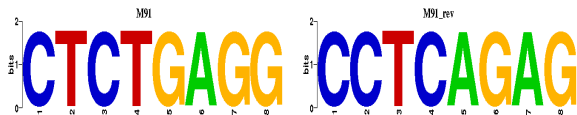
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00167	5.8941e-06	---CTGCTCTG--- NTTCNNTTCNNTTC	
Eve_M00629	6.3835e-05	-CAGAGCAG GCNGNSSWN	
LMAF_M01139	7.0501e-04	CTGCTCTG CTGCTGAS	
XPF-1_M00684	8.2279e-04	-CTGCTCTG GKTSNYCNG	
AR_M00962	1.0230e-03	--CTGCTCTG NNNTGCTC--	
GR_M00205	1.1014e-03	-----CTGCTCTG GTACANNNTGTYCTK	
HSF_M00170	1.1650e-03	---CTGCTCTG--- NTTCNNTTCNNGAA	
Dde_M00304	1.5392e-03	--CAGAGCAG GGCTGAGC--	
Pax-1_M00326	1.5757e-03	-----CAGAGCAG----- ATATCTAGAGCGGAACG	
GR_M00921	1.8057e-03	CAGAGCAG -AGNACAN	

M57



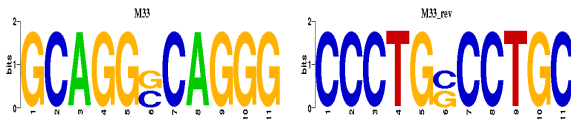
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STATx_M00223	1.7151e-04	GGCTCYGGG- --TTMYGGGA	
ZID_M00085	3.0109e-04	---CCCRGAGCC GRTGATRGAGCC	
LF-A1_M00646	7.4477e-04	CCCRGAGCC --YWGASCC	
STAT_M00777	1.8262e-03	-CCCRGAGCC-- TCCNAGAANNNN	
Eve_M00629	3.4475e-03	CCCRGAGCC- -GCNGNSSWN	
AP-4_M00005	4.4397e-03	---CCCRGAGCC----- MNGNCNNCAGCTGNNNN	
Olf-1_M00261	5.1140e-03	-----GGCTCYGGG----- NCMNNYTCCCNRRGGGANTNGN	
STAT5A_M00460	5.2134e-03	-----GGCTCYGGG- YNCNNGGAANNNNNNNTTCNNNGA	
AP-2alpha_M00469	5.6510e-03	GGCTCYGGG -SCNNNNGG	
AP-2_M00189	5.8035e-03	-GGCTCYGGG- CGCCNGSGGGN	

M91



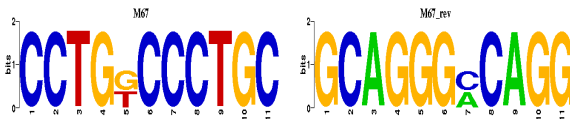
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CDC5_M00361	8.3743e-05	--CTCTGAGG NSCGCTGAGS	
AP-1_M00173	5.9898e-04	CTCTGAGG--- -WKNAGTCAN	
NRSE_M00325	8.8697e-04	-----CTCTGAGG----- GGCRCTCTCCNGGTGCTGA	
Dde_M00304	9.0539e-04	CTCTGAGG GGCTGAGC	
AP-2alphaA_M01047	9.8974e-04	---CTCTGAGG--- ANMGCCTNAGGCKN	
AP-2alphaA_M01045	1.0180e-03	---CCTCAGAG--- NNGCCTNAGGSNNN	
TCF-4_M00671	1.2890e-03	CCTCAGAG -WTCAAAG	
ATF1_M00691	1.2973e-03	---CCTCAGAG TGACGTCANR-	
SEF-1_M00214	1.8226e-03	-----CTCTGAGG-- ACACGGATATCTGTGGTY	
Olf-1_M00261	1.8349e-03	-----CTCTGAGG----- NCMNNYTCCCNRGGGANTNGN	

M33



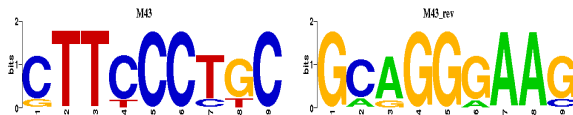
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Eve_M00629	1.2657e-05	CCCTGSCCTGC --NWSSNCNGC	
UF1H3BETA_M01068	1.6605e-05	GCAGGSCAGG-- GYGGGGGAGGGGC	
Sp1_M00931	4.2664e-05	-CCCTGSCCTGC NCCCCGCC---	
Ttk_M00009	2.0005e-04	CCCTGSCCTGC ----GTCCTGC	
MAZ_M00649	2.2369e-04	CCCTGSCCTGC CCCTCCC----	
HNF4_M01033	2.7041e-04	CCCTGSCCTGC ---TGNNC---	
E2A_M00973	6.9018e-04	GCAGGSCAGGG ----RNCAGNT	
CAC-binding_M00720	7.0879e-04	GCAGGSCAGGG ---RGGSTGGG	
Sp3_M00665	9.4178e-04	--GCAGGSCAGGG SMCTTGGGSRGGG	
p53_M00034	9.6476e-04	--GCAGGSCAGGG----- RGACATGCCCGGGCATGTC	

M67

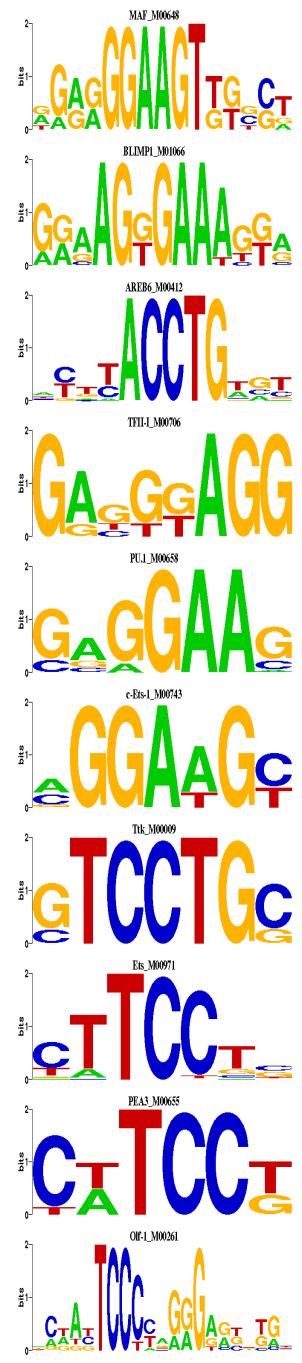


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BLIMP1_M01066	1.1231e-04	-CCTGKCCCTGC- YMCTTTCMCTTYC	
Ttk_M00009	4.5674e-04	GCAGGGMCAGG GCAGGAC-----	
LEU3_M00306	7.0464e-04	--CCTGKCCCTGC NRCCGGTACCGGC	
BRK_M01096	7.3364e-04	CCTGKCCCTGC -NTGGCG-----	
NRSF_M00256	7.9436e-04	-----GCAGGGMCAGG--- TCAGCACCACGGACAGCRSC	
NRSF_M01028	1.0594e-03	-----GCAGGGMCAGG- TCAGCACCRYGGACAGNR	
E2A_M00973	1.2868e-03	GCAGGGMCAGG- -----RNCAGNT	
PacC_M00247	1.7036e-03	-----CCTGKCCCTGC NNNNNNKCYTGCGNGN--	
LF-A1_M00646	2.7489e-03	CCTGKCCCTGC -YWGASCC---	
Eve_M00629	2.8068e-03	GCAGGGMCAGG GCNGSSWN---	

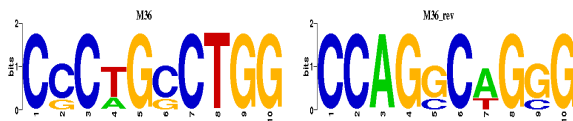
M43



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAF_M00648	2.8351e-05	-----CTTCCCTGC NSNMMACTTCCYYCN
BLIMP1_M01066	1.0917e-04	---CTTCCCTGC- YMCTTTCMCTTYC
AREB6_M00412	3.8102e-04	--GCAGGGAAG- RNWCAGGTRNRN
TFII-I_M00706	4.3597e-04	CTTCCCTGC CCTMCNTC-
PU.1_M00658	4.6705e-04	CTTCCCTGC CTTCCTC--
c-Ets-1_M00743	6.3196e-04	-CTTCCCTGC GCTTCK---
Ttk_M00009	6.6937e-04	GCAGGGAAG GCAGGAC--
Ets_M00971	6.8884e-04	CTTCCCTGC CTTCCTN--
PEA3_M00655	7.4804e-04	GCAGGGAAG ---MGGAWG
Olf-1_M00261	1.0109e-03	-----GCAGGGAAG----- NCNANTCCCYNGGGARNKGN

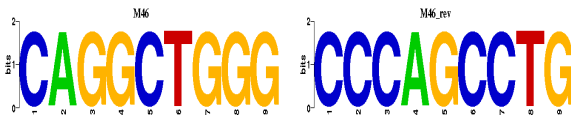


M36



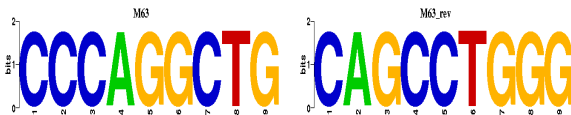
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	9.5294e-07	CCCTGCCTGG CCCASCCY--	
Muscle_M00323	3.9623e-05	-----CCAGGCAGGG--- NNNGNCNCCAYNCAGSNGSM	
MAZ_M00649	4.4292e-05	CCCTGCCTGG CCCTCCC---	
E2A_M00973	1.6714e-04	CCAGGCAGGG ---RNCAGNT	
Adf-1_M00923	3.6289e-04	-CCAGGCAGGG----- CRMNKKCAGCGRCKGCRGCS	
Sp1_M00008	3.8293e-04	-CCCTGCCTGG WCCYGCCY--	
NERF1a_M00531	5.9432e-04	-----CCCTGCCTGG- SNNASNYRCTTCCTGNY	
Tel-2_M00678	9.0197e-04	CCCTGCCTGG TACTTCCTG-	
Ttk_M00009	1.2616e-03	-CCCTGCCTGG GTCTGC----	
c-Ets-1_M00339	1.3860e-03	-----CCCTGCCTGG NNMNNNACTTCCTG-	

M46



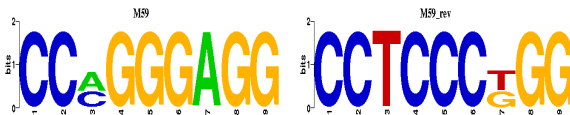
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	3.1033e-09	CCCAGCCTG CCCASCCY-	
HAC1_M00730	5.1104e-05	CCCAGCCTG-- GMCAGCGTGTC	
Dde_M00304	8.2373e-05	CAGGCTGGG-- --GGCTGAGC	
Sp1_M00008	1.7673e-04	-CCCAGCCTG WCCCYGCCY-	
Sp1_M00931	1.9858e-04	-CCCAGCCTG NCCCCGCC-	
Staf_M00264	5.6717e-04	-----CAGGCTGGG---- NNGC N N K G N A N N N T G G G A N N	
LUN-1_M00480	1.0599e-03	-----CAGGCTGGG TCCCAAAGTAGCTGGG	
AP-2_M00800	1.1983e-03	----CAGGCTGGG-- NNYNYNGCCYGSSGS	
HEB_M00698	1.2297e-03	CAGGCTGGG -CAGCWGG-	
Staf_M00262	1.3169e-03	-----CAGGCTGGG---- N N C G Y R N T G C A T K N T G G G W A N	

M63



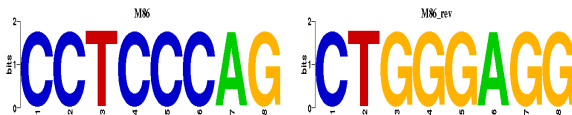
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2_M00800	1.6517e-06	----CAGCCTGGG-- NNYNYNGCCYGSSGS	
AP-2_M00915	4.8028e-06	CAGCCTGGG---- -NGCCNGNGGNNN	
CAC-binding_M00720	5.4746e-05	CCCAGGCTG CCCASCCY-	
AP-2alphaA_M01047	2.8675e-04	-CAGCCTGGG---- ANMGCCTNAGGCKN	
Roaz_M00467	3.9860e-04	-CAGCCTGGG--- KCACCCTTGGGTG	
CACCC-binding_M00721	4.4180e-04	---CCCAGGCTG--- ANCMNNWGGGTGNGG	
NGFI-C_M00244	1.0294e-03	---CCCAGGCTG CCRCCCACGCA-	
AP-2_M00189	1.2490e-03	CAGCCTGGG--- -CGCCNGSGGGN	
Egr-3_M00245	1.3375e-03	---CCCAGGCTG ACGCCACGCA-	
Egr-1_M00243	1.4128e-03	---CCCAGGCTG MCGCCCACGCA-	

M59



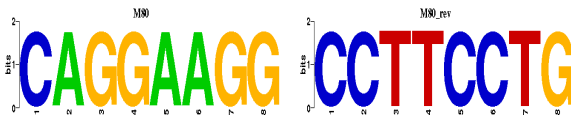
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	7.4906e-07	-CCTCCCKGG CCCTCCC---	
TFII-I_M00706	1.0417e-06	CCTCCCKGG CCTMCNTC-	
Olf-1_M00261	7.0391e-06	----CCTCCCKGG----- NCMNNYTCCCNRGGGANTNGN	
Tra-1_M01048	8.2984e-06	-CCTCCCKGG ACCWCCC---	
Lyf-1_M00141	2.9037e-04	CCTCCCKGG YCTCCCAA-	
Tel-2_M00678	3.9857e-04	CCMGGGAGG- -CAGGAAGTA	
Tra-1_M01049	5.0555e-04	CCMGGGAGG- ---GGGNGGT	
E74A_M00016	7.9369e-04	----CCTCCCKGG--- NNNNAYTCCCGNTTN	
ETF_M00695	8.5278e-04	CCMGGGAGG ---NGGCGG	
UF1H3BETA_M01068	9.4463e-04	---CCTCCCKGG- GCCCTCCCCRC	


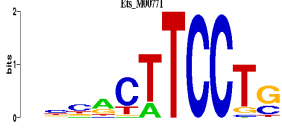







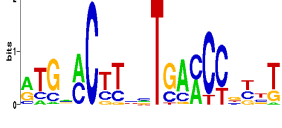
M86



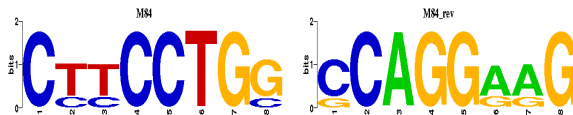
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Lyf-1_M00141	7.0228e-08	CCTCCCAG YCTCCCAA	
MAZ_M00649	2.1421e-07	-CCTCCCAG CCCTCCC--	
Tra-1_M01048	2.7695e-06	-CCTCCCAG ACCWCCC--	
TFII-I_M00706	1.1328e-05	CCTCCCAG CCTMCNTC	
GLI_M01037	1.5724e-05	---CCTCCCAG NGACCACCCAN	
RBP-Jkappa_M01111	1.6619e-04	-CTGGGAGG NGTGGGA--	
UF1H3BETA_M01068	1.6925e-04	---CCTCCCAG-- GCCCCTCCCCRC	
Tra-1_M01049	2.2469e-04	CTGGGAGG- --GGNGGT	
Ik-3_M00088	3.5215e-04	---CCTCCCAG- GGTATTCCNRN	
ETF_M00695	4.5350e-04	CTGGGAGG --NGGCGG	

M80

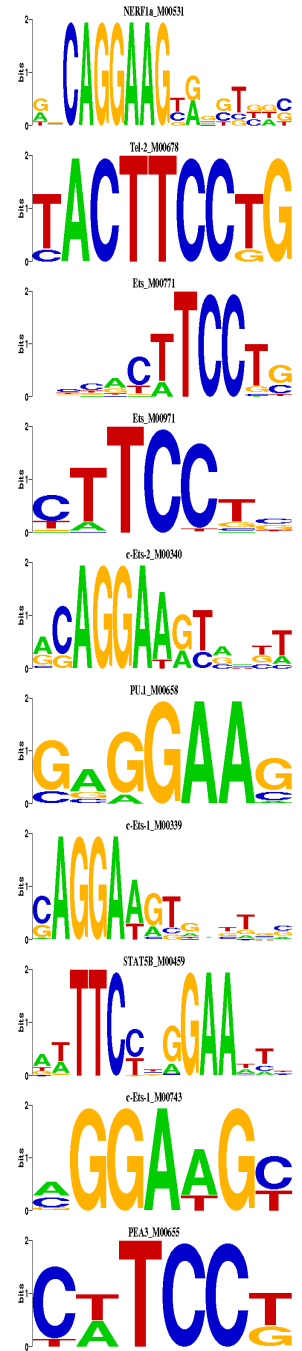


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	2.6916e-09	CAGGAAGG- CAGGAAGTA	
Ets_M00771	9.7604e-08	CAGGAAGG--- CAGGAAGYNNN	
Ets_M00971	2.5335e-07	CAGGAAGG NAGGAAG-	
c-Ets-2_M00340	2.9436e-07	-CAGGAAGG---- RCAGGAAGTNNNT	
PU.1_M00658	3.4103e-07	CCTTCCTG -CTTCCTC	
NERF1a_M00531	3.5892e-07	-----CCTTCCTG-- SNNASNYRCTTCCTGNY	
c-Ets-1_M00339	6.0794e-07	-----CCTTCCTG NNMNNNACTTCCTG	
PEA3_M00655	1.2207e-06	CAGGAAGG -MGGAWG-	
c-Ets-1_M00743	1.8657e-06	CCTTCCTG GCTTCCK-	
VDR_M00966	4.5431e-06	----CCTTCCTG----- RTGNMCTYNNTGAMCCNNNT	

M84








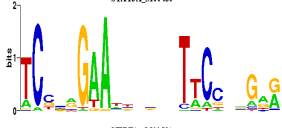

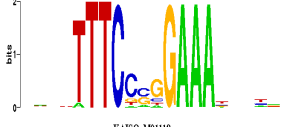


	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
NERF1a_M00531	2.0407e-09	-----CTTCCTGG- SNNASNYRCTTCCTGNY
Tel-2_M00678	8.4665e-09	CCAGGAAG-- -CAGGAAGTA
Ets_M00771	4.0076e-07	CCAGGAAG---- -CAGGAAGYNNN
Ets_M00971	8.4294e-07	CCAGGAAG -NAGGAAG
c-Ets-2_M00340	9.1456e-07	-----CTTCCTGG ANNNACTTCCTGY
PU.1_M00658	9.6280e-07	CCAGGAAG -GAGGAAG
c-Ets-1_M00339	2.4155e-06	-----CTTCCTGG NNMNNNACTTCCTG-
STAT5B_M00459	2.6714e-06	-----CCAGGAAG- NRNTTCNGGAAWN
c-Ets-1_M00743	7.2294e-06	-CTTCCTGG GCTTCCK--
PEA3_M00655	8.4010e-06	CCAGGAAG --MGGAWG



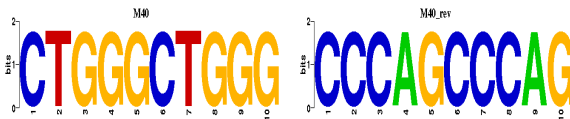
M92



forward *reverse compliment*

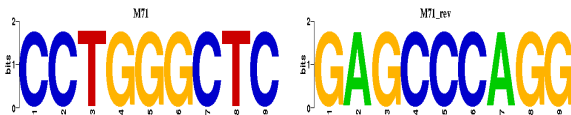
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STAT5B_M00459	2.6017e-08	----TCCAGGA--- NRNTTCCNGGAAWN	
STAT5A_M00457	8.2694e-07	----TCCTGGA--- NRNTTCCNRGAANY	
STATx_M00223	7.0074e-06	-TCCAGGA TTRYGGGA	
Pax-6_M00979	8.1790e-06	----TCCAGGA-- KAGTTCAGGTCA	
Ttk_M00009	5.1589e-05	-TCCTGGA GTCTGC-	
STAT5A_M00460	1.2013e-04	-TCCAGGA----- YNCNNGGAANNNNNTTCNNNGA	
NERF1a_M00531	2.4717e-04	-----TCCTGGA SNNASNYRCTTCTGNY	
STAT_M00259	3.8800e-04	-----TCCTGGA----- NNNNNTTTCSSGAAANNNN	
KAISO_M01119	3.9100e-04	--TCCAGGA NTNGCAGGA	
STAT_M00777	3.9238e-04	TCCAGGA----- TCCNAGAANNNN	

M40



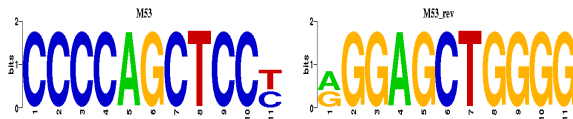
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	1.5114e-07	CTGGGCTGGG --RGGSTGGG	
Sp1_M00931	1.4496e-06	-CCCAGCCCAG NCCCCGCC--	
CP2_M00072	2.9254e-06	CTGGGCTGGG CTGGKTNNG	
Sp1_M00932	4.8380e-05	--CCCAGCCCAG NNCCCCGCCNN	
Sp1_M00196	5.3690e-05	CTGGGCTGGG-- NGGGGCGGGNN	
KROX_M00982	1.6977e-04	----CCCAGCCCAG CCGCCCCNCNNC-	
Dde_M00304	1.7995e-04	CTGGGCTGGG- ---GGCTGAGC	
GC_M00255	3.0303e-04	---CCCAGCCCAG NNGCCCCGCCNN	
Sp1_M00008	4.2825e-04	-CCCAGCCCAG WCCYGCCY--	
RREB-1_M00257	4.7226e-04	CCCAGCCCAG--- CCCAAACCACCC	

M71



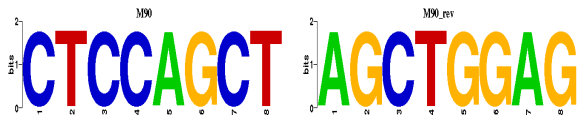
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Poly_M00211	9.0048e-05	GAGCCCAGG GAGACCAC-	
PCF2_M00948	2.6832e-04	-GAGCCCAGG NGGNCCCAC-	
AP-2_M00915	1.0479e-03	--CCTGGGCTC- NGCCNGNGGNNN	
SREBP-1_M00749	1.3215e-03	CCTGGGCTC --TGGSGT-	
Egr-3_M00245	1.3485e-03	GAGCCCAGG-- ACGCCACGCA	
Egr-1_M00243	1.4788e-03	--CCTGGGCTC TGCGTGGGCGK	
AP-2alpha_M00469	1.5508e-03	GAGCCCAGG- --SCNNNGG	
Egr-2_M00246	1.8871e-03	GAGCCCAGG-- MCGCCACGCA	
YY1_M00069	2.0910e-03	--GAGCCCAGG----- WNSANNCAAGATGGCNGNN	
NGFI-C_M00244	2.2190e-03	GAGCCCAGG-- CCRCCCACGCA	

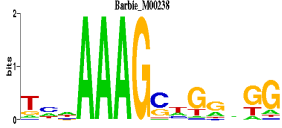









M53



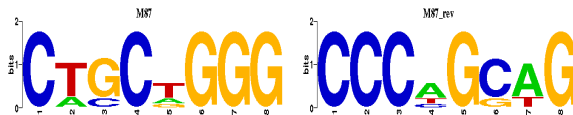
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LUN-1_M00480	8.1150e-08	-----RGGAGCTGGGG TCCCAAAGTAGCTGGG-	
TAL1_M00993	8.9809e-08	RGGAGCTGGGG RNCAGNTGG--	
Alfin1_M00479	4.0624e-06	---CCCAGCTCCY MNNCCCCACNYYN	
HEB_M00698	1.0794e-05	RGGAGCTGGGG --CAGCWGG--	
KROX_M00982	1.6518e-05	---CCCAGCTCCY CCGCCCCNCNNC-	
LBP-1_M00644	2.3346e-05	CCCAGCTCCY --SCAGCN---	
Barbie_M00238	2.9820e-04	-CCCAGCTCCY-- CMNNCNSCTTTNNN	
AP-4_M00176	3.0031e-04	RGGAGCTGGGG -NCAGCTGNN-	
SREBP-1_M00749	4.8755e-04	RGGAGCTGGGG- -----TGGSGT	
AP-4_M00927	4.8765e-04	CCCAGCTCCY --NCAGCTGY-	










M90



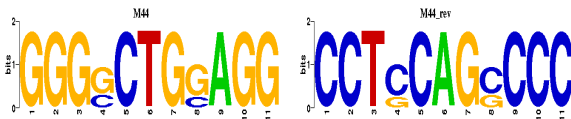
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Barbie_M00238	1.5117e-08	-CTCCAGCT----- CMNNCNSCTTTNNN	
HEB_M00698	8.4611e-07	-AGCTGGAG CAGCWGG--	
LBP-1_M00644	3.1650e-06	CTCCAGCT --SCAGCN	
AP-4_M00176	1.1896e-05	--AGCTGGAG NCAGCTGNN-	
TAL1_M00993	9.6583e-05	---AGCTGGAG RNCAGNTGG--	
Pax-6_M00979	1.0173e-04	---CTCCAGCT-- KAGTTCAGGTCA	
KAISO_M01119	1.5699e-04	--AGCTGGAG NTNGCAGGA-	
LUN-1_M00480	1.6407e-04	-----AGCTGGAG TCCCAAAGTAGCTGGG-	
BRK_M01096	2.0178e-04	AGCTGGAG --NTGGCG	
RP58_M00532	3.5562e-04	----AGCTGGAG NAACATCTGGA-	

M87

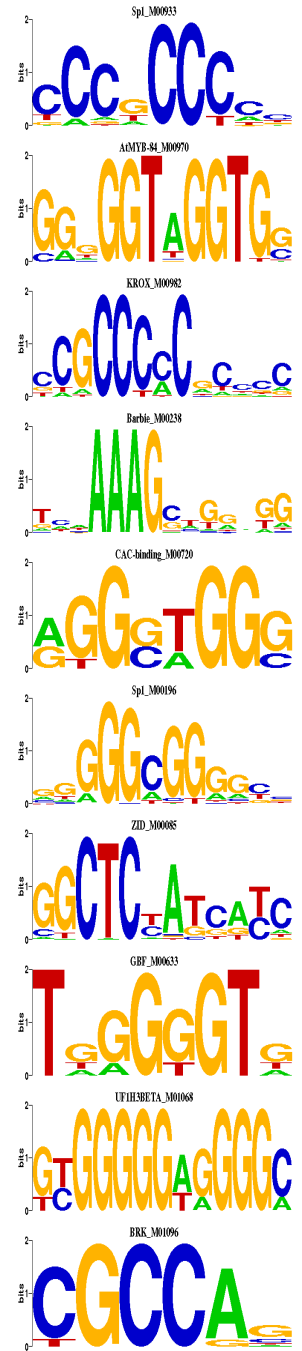


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	5.1705e-07	CTGCWGGG CAGCWGG-	
LMAF_M01139	4.1303e-06	CTGCWGGG CTGCTGAS	
AP-4_M00176	2.2381e-05	CCCWGCAG- NNCAGCTGN	
CAC-binding_M00720	1.5438e-04	CTGCWGGG RGGSTGGG	
TAL1_M00993	1.9351e-04	--CTGCWGGG RNCAGNTGG-	
HEN1_M00068	2.0630e-04	-----CTGCWGGG----- NNNGGNCNCAGCTGNGNCCNN	
Muscle_M00321	2.4970e-04	--CTGCWGGG----- NNCNSNKGNGTGNNNNNNNN	
LUN-1_M00480	2.7506e-04	-----CTGCWGGG TCCCAAAGTAGCTGGG	
AP-4_M00927	7.0299e-04	CCCWGCAG- -RCAGCTGN	
Nrf-2_M00821	9.3713e-04	-----CCCWGCAG NNTGACTCAGCA-	

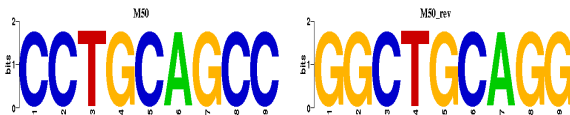
M44



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Sp1_M00933	1.8700e-05	-GGGGCTGGAGG NNGGGMGGG---
AtMYB-84_M00970	8.5001e-05	-GGGGCTGGAGG GGNGGTAGGTGS
KROX_M00982	9.6976e-05	GGGGCTGGAGG-- GNNNGGGGGGCGG
Barbie_M00238	1.0249e-04	---GGGGCTGGAGG NNNAAAGSNGNNKG
CAC-binding_M00720	3.8764e-04	CCTCCAGCCCC --CCCASCCY-
Sp1_M00196	5.6187e-04	CCTCCAGCCCC- NNCCCCGCCCCN
ZID_M00085	1.1535e-03	GGGGCTGGAGG- GRTGATRGAGCC
GBF_M00633	1.2776e-03	CCTCCAGCCCC- ----NACCCCN
UF1H3BETA_M01068	1.3096e-03	CCTCCAGCCCC-- GCCCTCCCCRC
BRK_M01096	1.4017e-03	GGGGCTGGAGG ----NTGGCG-

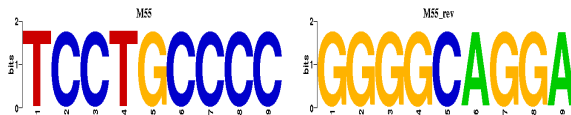








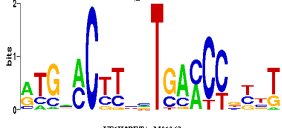



M50



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00923	2.6531e-05	-----GGCTGCAGG- CRMNKKCAGCGRCKGCRGCS	
LBP-1_M00644	2.0250e-04	CCTGCAGCC ---SCAGCN	
HEB_M00698	3.8176e-04	GGCTGCAGG --CAGCWGG	
RCS1_M00753	4.6845e-04	----GGCTGCAGG AANTGGGTGCAK-	
ERF2_M01057	5.1083e-04	GGCTGCAGG GGCGGC---	
Ttk_M00009	5.2115e-04	--CCTGCAGCC GTCCTGC----	
Adf-1_M00171	6.7954e-04	--GGCTGCAGG---- NMNGCNRCRGCRGCG	
LMAF_M01139	8.7510e-04	CCTGCAGCC -CTGCTGAS	
SMAD4_M00733	1.5251e-03	----GGCTGCAGG- RGNTGKCTGNMYSN	
TAL1_M00993	1.7258e-03	GGCTGCAGG RNCAGNTGG	

M55

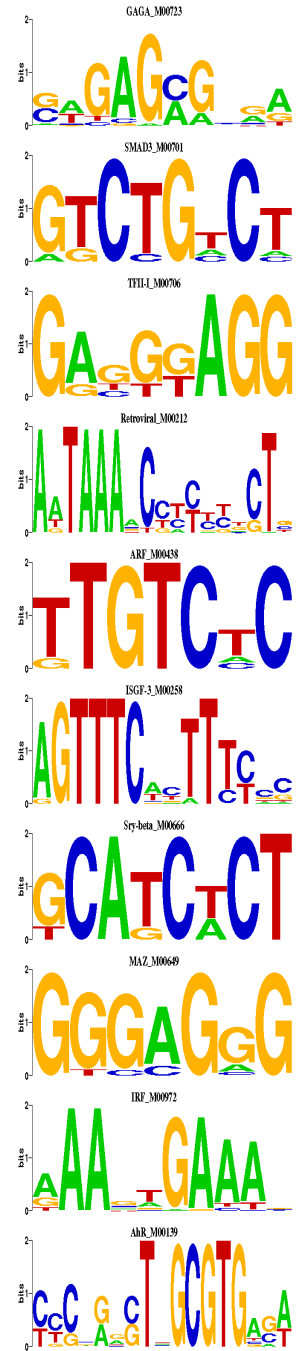


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp1_M00933	7.4714e-07	-GGGGCAGGA NGGGGMGGG-	
Ttk_M00009	8.0454e-07	-TCCTGCCCC GTCCTGC---	
AtMYB-84_M00970	9.4162e-06	-GGGGCAGGA-- GGNGGTAGGTGS	
Sp1_M00196	1.0952e-05	--TCCTGCCCC- NNCCCCGCCCCN	
GC_M00255	2.3685e-05	---TCCTGCCCC- NNGCCCCGCCCCN	
KAISO_M01119	2.4533e-05	GGGGCAGGA NTNGCAGGA	
VDR,_M00966	3.0626e-05	-----TCCTGCCCC----- RTGNMICYTNNTGAMCCNNNT	
UF1H3BETA_M01068	3.0630e-05	--TCCTGCCCC-- GCCCTCCCCRC	
E2A_M00973	3.1155e-05	GGGGCAGGA --RNCAGNT	
KROX_M00982	3.9111e-05	----TCCTGCCCC CCGCCCCNCNNC	

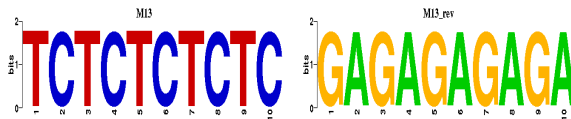
M9



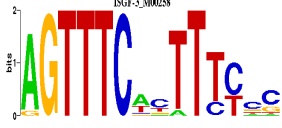

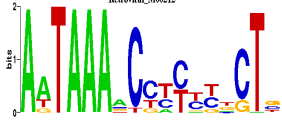
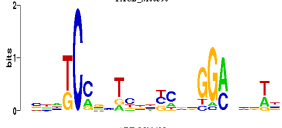






	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
GAGA_M00723	2.4246e-08	TCTCTCTCT- TYNCKCTCWS
SMAD3_M00701	1.1231e-04	AGAGAGAGA AGNCAGAC-
TFII-I_M00706	4.7197e-04	TCTCTCTCT CCTMCNTC-
Retroviral_M00212	5.8363e-04	-AGAGAGAGA----- NAGNRRRRRRGNTTTATT
ARF_M00438	2.5373e-03	AGAGAGAGA -GAGACAA-
ISGF-3_M00258	4.2887e-03	-AGAGAGAGA---- GNGAAANWGAAACT
Sry-beta_M00666	4.6982e-03	AGAGAGAGA AGWGATGC-
MAZ_M00649	5.9581e-03	TCTCTCTCT -CCCTCCC-
IRF_M00972	6.0867e-03	-TCTCTCTCT NNTTCWNNTT
AhR_M00139	7.9551e-03	TCTCTCTCT----- TSTCACGCNASNYNCRG

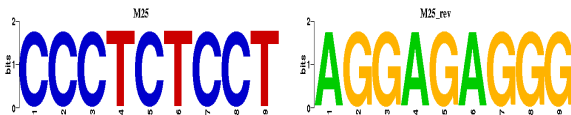




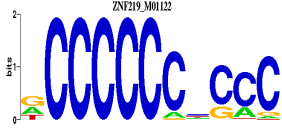






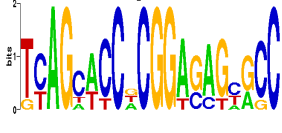
M13



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GAGA_M00723	1.1844e-09	TCTCTCTCTC TYNCKCTCWS	
SMAD3_M00701	2.4095e-04	GAGAGAGAGA -AGNCAGAC-	
ISGF-3_M00258	8.3999e-04	--GAGAGAGAGA-- GNGAAANWGAAACT	
TFII-I_M00706	9.2861e-04	TCTCTCTCTC CCTMCNTC--	
Retroviral_M00212	2.3441e-03	GAGAGAGAGA----- NAGNRRRRRRGNTTTTATT	
FACB_M00390	2.6529e-03	-----GAGAGAGAGA----- NWNNTCCNNNNNNNNNNKGANNNN	
ARF_M00438	4.0451e-03	GAGAGAGAGA GAGACAA---	
Sry-beta_M00666	7.9571e-03	GAGAGAGAGA -AGWGATGC-	
MAZ_M00649	9.0924e-03	TCTCTCTCTC -CCCTCCC--	
ZID_M00085	1.1448e-02	-GAGAGAGAGA- GRIGATRGAGCC	

M25



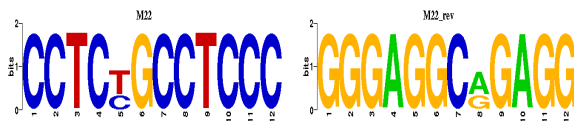
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	1.0678e-05	CCCTCTCCT CCCTCCC--	
UF1H3BETA_M01068	3.0630e-05	--CCCTCTCCT-- GCCCTCCCCRC	
ZNF219_M01122	1.0456e-04	AGGAGAGGG-- GGNGGGGGGN	
TAL1_M00993	1.9261e-04	AGGAGAGGG RNCAGNTGG	
Sp1_M00933	3.3315e-04	AGGAGAGGG NGGGMGGG	
Sp3_M00665	6.2699e-04	CCCTCTCCT---- CCCYSCCAAGKS	
Lmo2_M00278	1.8491e-03	CCCTCTCCT CSNTATCK-	
LXR_M00965	2.4023e-03	-----AGGAGAGGG- NRGGTYANNNAGGNC	
Sp1_M00196	3.0761e-03	---CCCTCTCCT NNCCCCGCCCN	
NRSE_M00325	3.5315e-03	--CCCTCTCCT----- GGCRCTCTCCGNGGTGCTGA	





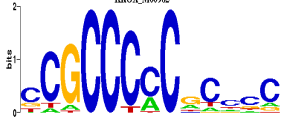




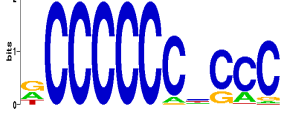
M83



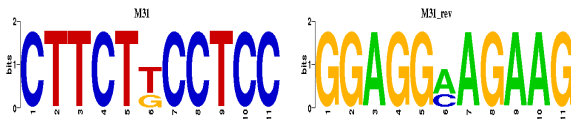
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TBX5_M01044	2.7763e-04	TCTCTCCT- TCACACCTT	
MAZ_M00649	4.9286e-04	AGGAGAGA GGGAGGG-	
HSF_M00163	8.6330e-04	--TCTCTCCT---- NTTCTNTTCTNTTC	
HSF_M00166	8.6330e-04	--TCTCTCCT---- NTTCTNTTCTAGAA	
NRSE_M00325	1.0339e-03	---TCTCTCCT----- GGCRCTCTCCGNGGTGCTGA	
ARF_M00438	1.2769e-03	AGGAGAGA- --GAGACAA	
GAL4_M00198	1.8357e-03	-----AGGAGAGA----- NGYTCCGNNNANAGNNNCCG	
Sry-beta_M00666	2.1533e-03	AGGAGAGA--- ---AGWGATGC	
T3R_M00963	3.2067e-03	-AGGAGAGA NAGGWCAN-	
GAGA_M00723	3.7060e-03	----TCTCTCCT TYNCKCTCWS--	











M22



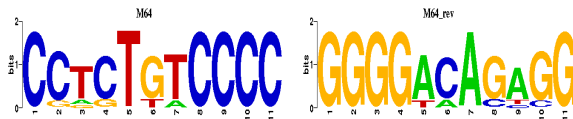
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	5.7340e-06	CCTCTGCCTCCC -----CCCTCCC	
Adf-1_M00171	2.2984e-05	--CCTCTGCCTCCC-- CGCYGCGYNGCNKN	
Tra-1_M01048	5.0723e-05	CCTCTGCCTCCC -----ACCWCCC	
BLIMP1_M01066	1.0144e-04	-CCTCTGCCTCCC YMCTTTCMCTTYC	
KROX_M00982	1.3619e-04	CCTCTGCCTCCC-- CCGCCCCNCNNC	
SMAD3_M00701	1.9534e-04	GGGAGGCAGAGG ---AGNCAGAC--	
PU.1_M00658	2.7778e-04	GGGAGGCAGAGG --GAGGAAG---	
TFII-I_M00706	2.7895e-04	CCTCTGCCTCCC-- -----CCTMCNTC	
Dde_M00304	3.9277e-04	CCTCTGCCTCCC GCTCAGCC----	
ZNF219_M01122	5.4982e-04	GGGAGGCAGAGG GGGNGGGGGN--	

M31



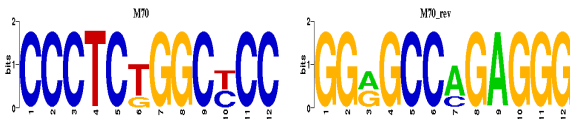
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	7.5821e-09	GGAGGAAGAAG -GAGGAAG---	
GCR1_M00046	2.1776e-06	GGAGGAAGAAG -GWGGAAGC--	
Ets_M00971	1.0072e-05	CTTCTTCCTCC ---CTTCTTN-	
Tel-2_M00678	1.0903e-05	GGAGGAAGAAG -CAGGAAGTA-	
PEND_M01015	1.1537e-05	-CTTCTTCCTCC ACTTCTT-----	
PEA3_M00655	2.7424e-05	GGAGGAAGAAG --MGGAWG---	
c-Ets-1_M00743	5.3661e-05	CTTCTTCCTCC --GCTTCK--	
Elf-1_M00746	2.5070e-04	CTTCTTCCTCC-- --AYTTCCTCTTN	
NERF1a_M00531	3.4923e-04	-GGAGGAAGAAG----- RNCAGGAAGYRNSTNNS	
Nrf-2_M00108	5.8915e-04	CTTCTTCCTCC -SNCTTCCGG-	







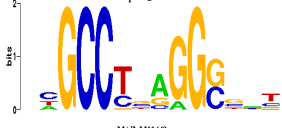

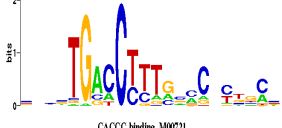

M64



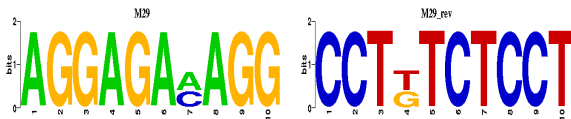
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PPARgamma-RXRalpha_M00512	3.2184e-06	--GGGGACAGAGG----- NNGRGGTCAAAGGTCANNNN	
COUP_M00765	1.0724e-05	GGGGACAGAGG-- -GGGNCAAAGGTC	
SMAD3_M00701	6.9796e-05	GGGGACAGAGG --AGNCAGAC-	
ARP-1_M00155	9.2058e-05	-GGGGACAGAGG--- WRGGKTCAARGGYTC	
NRSF_M00256	1.7687e-04	-CCTCTGTCCCC----- GSYGCTGTCCGTGGTGCTGA	
LF-A1_M00646	2.8829e-04	CCTCTGTCCCC ---YWGASCC-	
ISGF-3_M00258	2.9659e-04	GGGGACAGAGG---- -GNGAAANWGAAACT	
Adf-1_M00171	3.9594e-04	--GGGGACAGAGG-- NMNGCNRCRGRGCG	
PPAR,_M00762	4.2679e-04	---CCTCTGTCCCC TGACCTTTGNCC--	
MZF1_M00083	1.2126e-03	CCTCTGTCCCC-- -----TCCCCNN	

M70



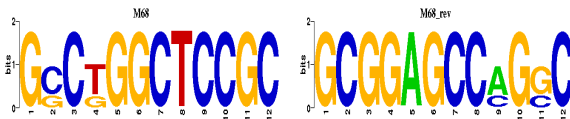
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
COUP_M00765	2.3959e-05	-CCCTCTGGCYCC GACCTTTGNCCC-	
PPARgamma-RXRalpha_M00512	2.8279e-04	--GGRGCCAGAGGG----- NNGRGGTCAAAGGTCANNNN	
BRK_M01096	3.2413e-04	CCCTCTGGCYCC ----NTGGCG--	
HSF_M00641	4.5879e-04	---CCCTCTGGCYCC GAARCYNCKNGA---	
Zta_M00711	4.6330e-04	CCCTCTGGCYCC NANNNTGRCWCA	
ARP-1_M00155	7.0951e-04	--CCCTCTGGCYCC- GARCCYTTGAMCCYW	
AP-2alphaA_M01045	1.5043e-03	GGRGCCAGAGGG--- -NNGCCTNAGGSNNN	
MAZ_M00649	1.9304e-03	GGRGCCAGAGGG -----GGGAGGG	
COUPTF_M01036	2.1098e-03	-----CCCTCTGGCYCC----- NNNNTGACCTTTNNMCNYYNNMN	
CACCC-binding_M00721	2.3277e-03	-----CCCTCTGGCYCC CCNCACCCWNNKGNT--	





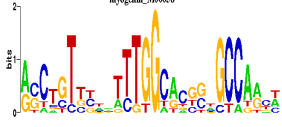





M29



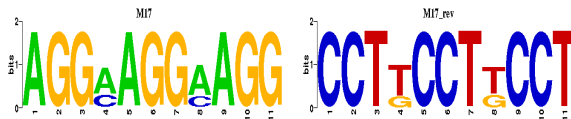
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ARF_M00438	4.4943e-05	AGGAGAMAGG --GAGACAA-	
PBF_M01130	1.1695e-04	CCTKTCTCCT CCTTT-----	
E2A_M00804	2.4453e-04	--CCTKTCTCCT- CACCTGNCNCNKN	
PU.1_M00658	2.6646e-04	AGGAGAMAGG --GAGGAAG-	
BLIMP1_M01066	3.1941e-04	-CCTKTCTCCT-- YMCTTTCMCTTYC	
SMAD3_M00701	4.5300e-04	AGGAGAMAGG- ---AGNCAGAC	
BPC1_M01126	4.8994e-04	CCTKTCTCCT -NTTTC----	
E2A_M00973	9.7744e-04	-CCTKTCTCCT ANCTGNY-----	
PPARalpha-RXRalpha_M00242	1.0688e-03	---CCTKTCTCCT----- TGACCTTTGNCCTAGWTYW	
PPAR_M00762	1.1328e-03	---CCTKTCTCCT TGACCTTTGNCC-	

M68



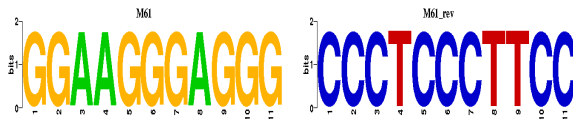
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAF_M00983	1.7882e-04	GCCTGGCTCCGC --NTGACTCANC	
BRK_M01096	3.6044e-04	GCCTGGCTCCGC --NTGGCG----	
Dde_M00304	4.1660e-04	-GCGGAGCCAGGC GGCTGAGC-----	
NF-E2_M00037	7.3317e-04	GCCTGGCTCCGC --RTGACTCAGC	
myogenin_M00056	1.0220e-03	-----GCGGAGCCAGGC ASCTGTNNNNTTTGGCACNSNGCCARNN	
v-Maf_M00035	1.1507e-03	----GCGGAGCCAGGC-- NNNTGCNNNGTCAGCANN	
AP-1_M00173	1.4152e-03	GCCTGGCTCCGC --NTGACTNMNW	
RFX1_M00280	1.4498e-03	----GCTGGCTCCGC NNGTTRCYWNGYNACN-	
Nrf-2_M00821	1.5936e-03	-GCGGAGCCAGGC TGCTGAGTCANN-	
PDR3_M00752	2.1144e-03	GCCTGGCTCCGC-- -----TCCGCGG	

M17



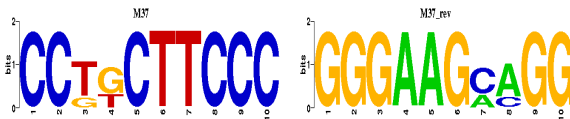
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Ets_M00971	6.3383e-06	AGGAAGGAAGG ---NAGGAAG-	
PU.1_M00658	8.1840e-06	AGGAAGGAAGG ---GAGGAAG-	
PEA3_M00655	1.7022e-05	AGGAAGGAAGG ----MGGAWG-	
Tel-2_M00678	2.0653e-05	-AGGAAGGAAGG CAGGAAGTA---	
NERF1a_M00531	2.3685e-05	-----CCTTCCTTCT SNNASNYRCTTCTGNY-	
MAF_M00648	3.2046e-05	AGGAAGGAAGG----- -NGRRGGAAGTKKNSN	
c-Ets-1_M00743	3.5082e-05	CCTTCCTTCT GCTTCK----	
c-Ets-2_M00340	8.5438e-05	CCTTCCTTCT-- ANNNACTTCTGY	
Staf_M00264	3.3573e-04	----CCTTCCTTCT----- NNTCCANNNTNCMNGCNN	
GCR1_M00046	4.6367e-04	AGGAAGGAAGG ---GWGGAAGC	



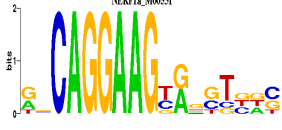







M61



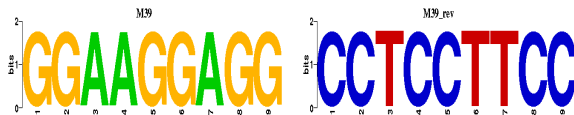
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	8.6829e-10	CCCTCCCTTCC CCCTCCC----	
TFII-I_M00706	3.2767e-07	CCCTCCCTTCC -CCTMCNTC--	
CAC-binding_M00720	1.5122e-06	CCCTCCCTTCC CCCASCCY---	
BLIMP1_M01066	2.1873e-06	--CCCTCCCTTCC YMCTTTCMCTTYC	
Tra-1_M01048	3.0499e-05	CCCTCCCTTCC ACCWCCC----	
ZNF219_M01122	5.9964e-05	GGAAGGGAGGG GGNGGGGGGN	
UF1H3BETA_M01068	1.0369e-04	--CCCTCCCTTCC GCCCTCCCCRC	
Sp1_M00933	2.5349e-04	GGAAGGGAGGG --NGGGMGGG	
FACB_M00388	3.9493e-04	-----GGAAGGGAGGG- NNNNMTCCNNNNNSNANNGGANNNN	
Sp1_M00931	4.2646e-04	--CCCTCCCTTCC NCCCCGCC----	

M37



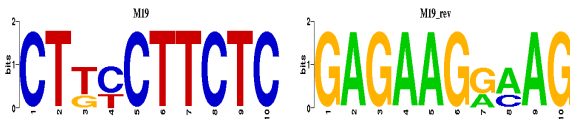
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GCR1_M00046	2.5995e-05	-GGGAAGCAGG GWGGAAGC---	
c-Ets-1_M00743	3.5200e-05	CCTGCTTCCC ---GCTTCK	
NERF1a_M00531	3.5636e-05	----CCTGCTTCCC---- SNNASNYRCTTCTGNY	
PEND_M01015	3.1697e-04	CCTGCTTCCC ACTTCTT---	
Sn_M00044	3.4581e-04	GGGAAGCAGG--- TNNNANCANNNTNN	
HEB_M00698	5.4746e-04	GGGAAGCAGG ---CAGCWGG	
KAISO_M01119	5.6916e-04	GGGAAGCAGG- --NTNGCAGGA	
PU.1_M00658	8.7443e-04	CCTGCTTCCC- ----CTTCTC	
Ets_M00971	8.7747e-04	-GGGAAGCAGG NAGGAAG----	
PEA3_M00655	9.0913e-04	GGGAAGCAGG MGGAWG----	

M39



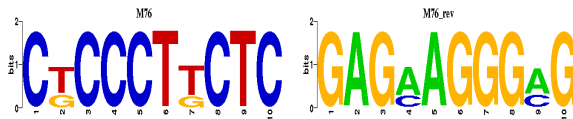
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TFII-I_M00706	3.3921e-06	CCTCCTTCC CCTMCNTC-	
NERF1a_M00531	3.4301e-06	----CCTCCTTCC---- SNNASNYRCTTCCTGNY	
AtMYB-15_M00969	5.3533e-05	---GGAAGGAGG NACGGTAGGTGG	
AtMYB-84_M00970	9.6767e-05	---GGAAGGAGG GGNGGTAGGTGS	
Tel-2_M00678	1.9075e-04	--GGAAGGAGG CAGGAAGTA--	
MAF_M00648	2.3339e-04	GGAAGGAGG----- NGRRGGAAGTKKNSN	
VDR_M00444	2.6286e-04	---CCTCCTTCC-- TSWCCYYNYTNMCC	
Retroviral_M00212	4.6678e-04	-GGAAGGAGG----- NAGNRRRRRGNTTTATT	
MAZ_M00649	4.9536e-04	-CCTCCTTCC CCCTCCC---	
PU.1_M00658	5.0834e-04	CCTCCTTCC-- ----CTTCTC	

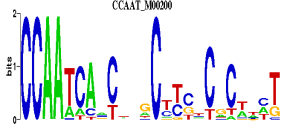





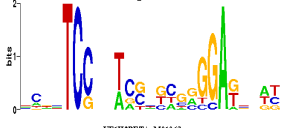



M19



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAF_M00648	3.6933e-06	GAGAAGGAAG----- -NGRRGGAAGTKKNSN	
Ets_M00971	1.2477e-05	GAGAAGGAAG ---NAGGAAG	
PU.1_M00658	1.5987e-05	CTTCCTTCTC CTTCCTC---	
PEA3_M00655	3.8481e-05	CTTCCTTCTC CWTCC-----	
c-Ets-1_M00743	6.5464e-05	-CTTCCTTCTC GCTTCCK-----	
Tel-2_M00678	3.2825e-04	GAGAAGGAAG-- ---CAGGAAGTA	
GCR1_M00046	6.9679e-04	GAGAAGGAAG- ---GWGGAAGC	
HSF_M00163	7.2759e-04	----CTTCCTTCTC NTTCTNTTCTNTTC	
HSF_M00164	7.2759e-04	----CTTCCTTCTC AGAANNTTCTNTTC	
PEND_M01015	9.7503e-04	CTTCCTTCTC ---ACTTCT	

M76



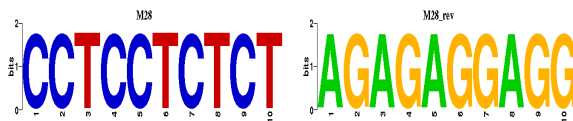
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CCAAT_M00200	3.1520e-05	-----GAGAAGGGAG----- ANNWNGNRRRGNNGNTGATTGG	
GATA-4_M00632	5.7691e-05	--GAGAAGGGAG GATANMAGRSA-	
TFII-I_M00706	2.3358e-04	-CTCCCTTCTC CCTMCNTC---	
BLIMP1_M01066	8.6235e-04	----CTCCCTTCTC YMCTTTCMCTTYC-	
MAZ_M00649	9.2660e-04	--CTCCCTTCTC CCCTCCC-----	
PEND_M01015	1.3038e-03	CTCCCTTCTC ---ACTTCTT	
FACB_M00388	1.9174e-03	---CTCCCTTCTC----- NNNNTCCNNTNSNNNNNGGAKNNNN	
UF1H3BETA_M01068	3.6580e-03	CTCCCTTCTC---- -GCCCCTCCCCRC	
MAF_M00648	3.9164e-03	-----CTCCCTTCTC NSNMMACTTCCYYCN-	
EBF_M00977	6.7940e-03	-GAGAAGGGAG NCYCWRGGGA-	

M81



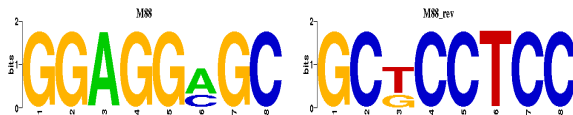
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sry-beta_M00666	1.1950e-05	AGAGAAG- AGWGATGC	
GATA-1_M00347	1.7081e-05	-CTTCTCT- YNTTATCTN	
GATA-2_M00349	2.3319e-05	-AGAGAAG- SAGATAANA	
GATA-3_M00350	3.2048e-05	-CTTCTCT- TNTTATCTY	
GATA-2_M00348	3.4530e-05	-CTTCTCT- NSTTATCWN	
PEND_M01015	8.2638e-05	-CTTCTCT ACTTCTT-	
Evi-1_M00078	2.1694e-04	----CTTCTCT---- TTATCTTATCTTRTC	
HSF_M00163	4.1882e-04	---CTTCTCT--- NNTCTNNTCTNTTC	
HSF_M00166	4.1882e-04	---CTTCTCT--- NNTCTNNTCTAGAA	
ARF_M00438	5.4081e-04	-AGAGAAG GAGACAA-	

M28

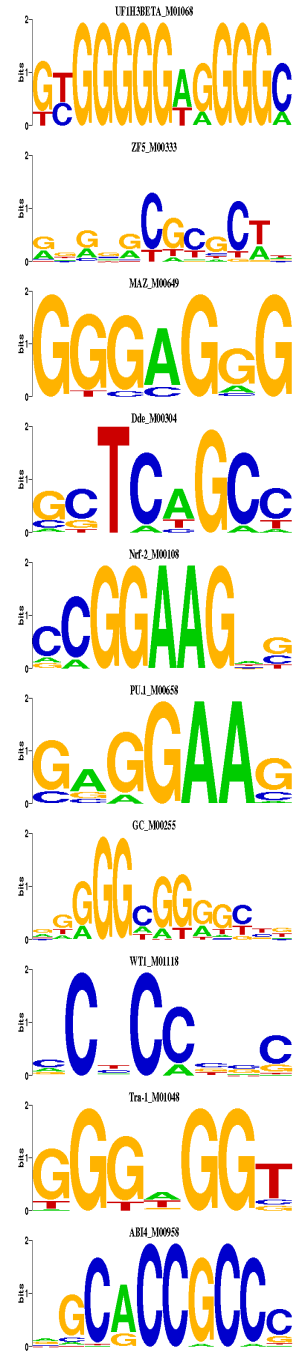


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	3.1639e-05	AGAGAGGAGG ---GAGGAAG	
Elf-1_M00746	2.2680e-04	-CCTCCTCTCT AYTCCTCTTN	
Pax-1_M00326	3.5190e-04	-----AGAGAGGAGG- ATATCTAGAGCGGAACG	
Sry-beta_M00666	3.7449e-04	AGAGAGGAGG AGWGATGC--	
ROM_M00700	3.7449e-04	AGAGAGGAGG --TGASGTGG	
TFIIA_M00707	6.2600e-04	CCTCCTCTCT- SNYCCTYNNAK	
Pax-9_M00329	7.0710e-04	-----AGAGAGGAGG----- WNANSCANNGNNGNGNNSNCN	
Olf-1_M00261	8.1977e-04	-----AGAGAGGAGG- NCNANTCCCYNNGGARNKGN	
MAZ_M00649	8.5308e-04	-CCTCCTCTCT CCCTCCC----	
TFII-I_M00706	9.2861e-04	-AGAGAGGAGG GANGKAGG---	

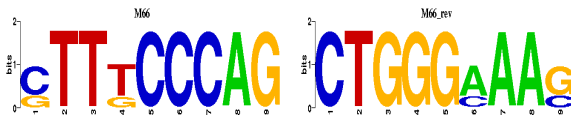
M88



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	1.3178e-05	GCTCCTCC----- GCCCTCCCCRC
ZF5_M00333	2.1442e-04	GGAGGAGC----- RNRNRCGCGCWN
MAZ_M00649	2.1983e-04	GCTCCTCC-- --CCCTCCC
Dde_M00304	3.7886e-04	GGAGGAGC GGCTGAGC
Nrf-2_M00108	6.4988e-04	GCTCCTCC-- -SNCTTCCGG
PU.1_M00658	6.5107e-04	GGAGGAGC -GAGGAAG
GC_M00255	9.3372e-04	---GGAGGAGC-- NNGGGCGGGGCNN
WT1_M01118	9.9673e-04	GGAGGAGC GNNGGNGN
Tra-1_M01048	1.2740e-03	GCTCCTCC-- --ACCWCCC
ABI4_M00958	1.4364e-03	-GGAGGAGC- GGCGGTGCN

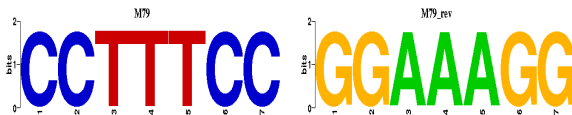


M66



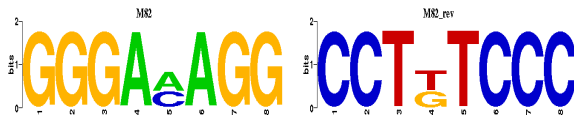
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
RBP-Jkappa_M01112	3.3631e-06	CTTTCCCAG-- -KTTCCCACGN	
Ik-3_M00088	1.2147e-05	--CTTTCCCAG- GGTATTCCNRN	
Su_H_M00234	1.6437e-05	-CTTTCCCAG-- NGKTTCCCACRN	
BLIMP1_M01066	3.3292e-05	--CTTTCCCAG-- YMCTTTCMCTTYC	
ISGF-3_M00258	5.7450e-05	CTGGGAAAG----- --GNGAAANWGAAACT	
Lyf-1_M00141	6.1062e-05	CTTTCCCAG -YCTCCCAA	
STAT1_M00492	1.3221e-04	CTGGGAAAG --SGGAANT	
BPC1_M01126	1.9993e-04	CTTTCCCAG NTTTC----	
E2F_M01114	2.9969e-04	CTTTCCCAG- NTTTCCC GCN	
STAT5A_M00457	4.6952e-04	-CTTTCCCAG---- NRNTTCCNRGAANY	


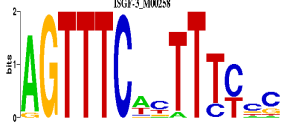





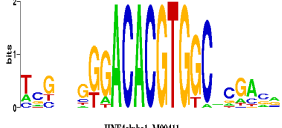

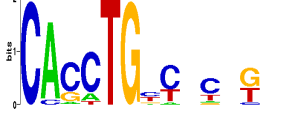
M79



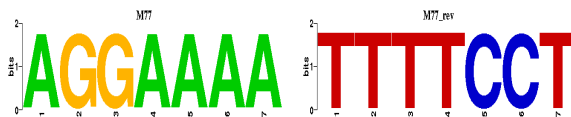
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BLIMP1_M01066	4.5550e-07	-CCTTTCC----- YMCTTTCMCTTYC	
PBF_M01130	1.0918e-06	CCTTTCC CCTTT--	
BPC1_M01126	6.7139e-06	CCTTTCC -NTTTC-	
NF-kappaB_M00208	1.4933e-05	-GGAAAGG--- NGGAAARTCCC	
ISGF-3_M00258	5.3424e-05	-GGAAAGG----- GNGAAANWGAAACT	
Nanog_M01123	9.6984e-05	GGAAAGG---- GGMAATGGNCC	
c-Rel_M00053	1.1459e-04	GGAAAGG-- GGAAWNYCC	
NF-kappaB_M00194	1.6829e-04	--GGAAAGG---- NNGGAAAKTCCCC	
STAT1_M00492	3.3630e-04	-GGAAAGG SGGAANT-	
NF-AT_M00935	3.9327e-04	-CCTTTCC- NWNTTTCW	


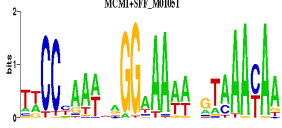
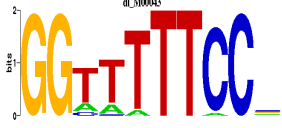
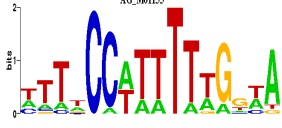






M82



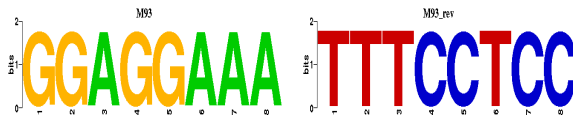
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BLIMP1_M01066	7.4452e-08	-CCTKTCCC----- YMCTTTCMCTTYC	
ISGF-3_M00258	1.3335e-05	GGGAMAGG----- GNGAAANWGAAACT	
PBF_M01130	3.5670e-05	CCTKTCCC CCTTT---	
BPC1_M01126	1.6636e-04	CCTKTCCC -NTTTC--	
STAT1_M00492	2.7094e-04	CCTKTCCC -ANTTCCS	
E2A_M00973	2.7866e-04	GGGAMAGG-- --RNCAGNT	
E2F_M01114	3.1067e-04	CCTKTCCC--- -NTTCCCGCN	
ABF1_M00399	3.3048e-04	-----GGGAMAGG----- WNNNNGGACACGTGGCNGANN	
HNF4alpha1_M00411	3.6088e-04	----CCTKTCCC-- NTGACCTTTGNCCY	
E2A_M00804	4.2220e-04	---GGGAMAGG-- NMNGNGNCAGGTG	






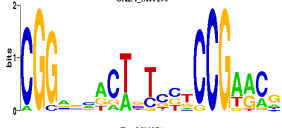




M77



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Helios_M01004	6.4796e-10	-TTTTCT-- NTTTCTWN	
MCM1+SFF_M01051	1.5158e-07	-----AGGAAA----- TNCNAAWNNGGNAAWANNNTAAAYAA	
dI_M00043	1.4412e-06	AGGAAA--- NGGAAAACC	
AG_M01133	1.2806e-05	-----AGGAAA TWNCAAAAAWGGNAAN	
NF-AT_M00302	2.8941e-05	--TTTTCT-- NNNTTCCWNN	
dI_M00120	2.9020e-05	---TTTTCT NGNTTTCYC	
Elf-1_M00746	4.2410e-05	TTTTCT---- AYTTCCTCTN	
Ets_M00971	6.2494e-05	-AGGAAA NAGGAAG-	
PU.1_M00658	7.9074e-05	TTTTCT- -CTTCCTC	
STAT5B_M00459	1.0214e-04	TTTTCT----- NWTTCNGGAANYN	

M93



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	3.3763e-07	TTTCCTCC CTTCCTC-	
Elf-1_M00746	9.6251e-07	-TTTCCTCC-- AYTTCCTCTTN	
Helios_M01004	2.4545e-05	--TTTCCTCC NTTTTCTWN	
GCR1_M00046	3.0629e-05	GGAGGAAA- -GWGGAAGC	
CAT8_M00732	4.3133e-05	-TTTCCTCC CATNNNCC	
GAL4_M00198	5.7213e-05	-----GGAGGAAA----- NGYTCGNNNNANAGNNNNCCG	
Ets_M00971	1.9799e-04	GGAGGAAA -NAGGAAG	
NF-AT_M00302	2.1532e-04	---TTTCCTCC NNNTTCCWNN	
GAL4_M00049	2.1756e-04	-----GGAGGAAA----- STTCGGASNANWGTNNNCCGNN	
MAZ_M00649	2.1983e-04	TTTCCTCC- --CCCTCC	

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