



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

Input file: 97 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 : -----AAAAAAGAAAAAAAAAAAAAAAA-----
M1 : -----AAATTTTTTTTTAAAAAAAAAATT-----
M2 : -----GGGGGGGGGGGGGGGG-----
M3 : -----AAAAAGAAAGAAAGGAAA-----
M4 : -----AGAAAGAAAA-----
M5 : -----AAAAGGAAAA-----
M6 : -----AAAAAGAAAAG-----
M7 : -----AAAAAAAAAGAAAGAAAAAAAA-----
M8 : -----GTGTGTGTGTGTGTGTGT-----
M9 : -----AAAGAGAAAA-----
M10 : -----AGAAGAAAA-----
M11 : -----AAGAAAAAGAAA-----
M12 : -----GGGGGGGGGGAGGAGGGGGGGGG-----
M13 : -----AGAGAGAGAGAG-----
M14 : -----AAATAAATAAA-----
M15 : -----TTTTTTGTTTGTGTTTGTGTTT-----
M16 : -----TTTTTTTTTTGTTTTGTTTTTTTT-----
M17 : -----GAGGMAGGAAGGGGG-----
M18 : -----GGGGGGGGAGGGAGGGGGGGGG-----
M19 : -----TTTTTTGTTTTGTTTTTTTTTTTT-----
M20 : -----GGGGGGGGGGAGGGAGGGGGGGGG-----
M21 : -----AGAGGAMAGGGA-----
M22 : -----AAATTAATAAAAAAAAA-----
    
```

Stamp Results

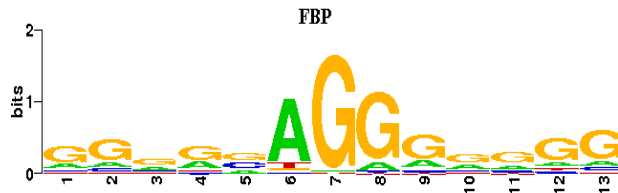
04/30/14

M23: -----GCAGGAAGG-----
M24: -----GGAGGAGGG-----
M25: -----GGGGAGGGAAGGGGG-----
M26: -----GGGGAAGGAAGGGGGG-----
M27: -----GCGGCAGCAGCCGCGGC-----
M28: -----GGAGAAAG-----
M29: -----GGGGGGGGTGGGGWGGGGGGGG-----
M30: -----GRGGCAGAG-----
M31: -----GGGGGGGAGGGGMGGGGCCGGG-----
M32: -----GGGGGGGGGGAAGGGGGGGGG-----
M33: -----GGGGGGGGGAGGGGAGGGGGGG-----
M34: -----TTTKGGTTTTTTTTTTTT-----
M35: -----CCAGGAAGAGGGGGGG-----
M36: -----AGGAGAGAG-----
M37: -----AGGAAGCAG-----
M38: -----AGAGGMAGAG-----
M39: -----GGGGAGAGGGGGGGGG-----
M40: -----GGGGGCGGGGCTGGGGGGGGGG-----
M41: -----GGGGGGGGGGGAGGAGGGGGGG-----
M42: -----AGGAGGCTGGG-----
M43: GGGGGGGGGGCGGGGCCGGGGGG-----
M44: -----CTGGGAAAG-----
M45: -----RGGAGCTGGGG-----
M46: -----CAGAGCTGG-----
M47: -----GCAGGGCAGGG-----
M48: -----GGGGAMAGAGA-----
M49: -----GGGGAAGGGGGGGGG-----
M50: -----GGCTGCTGGG-----
M51: -----GAGGCTGGG-----
M52: -----GCTGGGGASAGGGGG-----
M53: -----CTGGAGGAG-----
M54: -----TGGAGAGGG-----
M55: -----TGGAGAAG-----
M56: -----CTGGGCTGG-----
M57: -----CTTCCCAG-----
M58: -----CCAGGGCAGGG-----
M59: -----GGGGGGGGTGGGGTGGGGGGGG-----
M60: -----GGGGGAGGAGGGGG-----
M61: -----GGGGCTGGCG-----
M62: -----GCTGCNNGG-----
M63: -----GGCTCTGG-----
M64: -----GGGGGGGCGAGGGCTGCGGGGG-----
M65: -----GGCAGCAGRGG-----

```

M66: -----GGGGCGGCGGCGGCGGCGGGGGG
M67: -----GGAGCTGGAGG-----
M68: -----GGCCTGGGCTCCGGG-----
M69: -----AAAGNACTG-----
M70: -----GCCCAGAGGCCGCGG-----
M71: -----AGAGAAGGMG-----
M72: -----GCAGGAGGA-----
M73: -----CTGAGGAAGG-----
M74: -----GGGGGGGMGGGGCGGGGCCGGG-----
M75: -----GGGGAGAGGGGGG-----
M76: -----CAGAGCTGGG-----
M77: -----CAGMCAGAG-----
M78: -----GGGCTCTGGG-----
M79: -----CAGAGGMGG-----
M80: -----CAGGAGCTG-----
M81: -----AGGAAGCCAG-----
M82: -----GGAGCCAGG-----
M83: -----AAGAAACTG-----
M84: -----GGMAGGGAAGG-----
M85: -----GAGGCNGCC-----
M86: -----GAGGAAG-----
M87: -----AGAGAAGG-----
M88: -----AGCAGAG-----
M89: -----CAGAGCAG-----
M90: -----GGTTTTYT-----
M91: -----CAGGAGAG-----
M92: -----CTGGGAGG-----
M93: -----CAGGCAGG-----
M94: -----GGAAAAGG-----
M95: -----CTGGAGA-----
M96: -----CCAGGCTG-----
    
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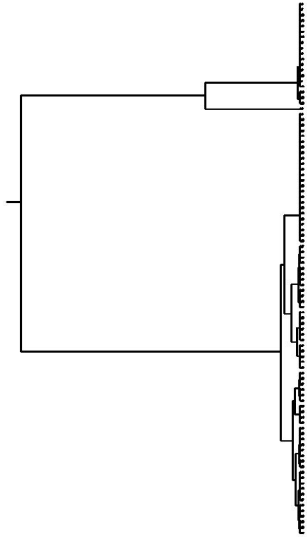
Familial Profile:
(click for matrix)



Motif Tree

Tree (drawn by Phylip)

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

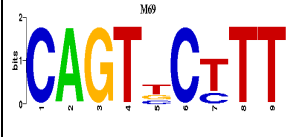
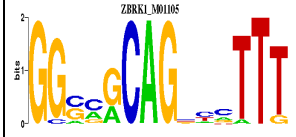
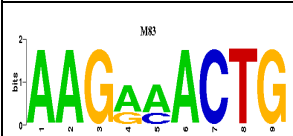
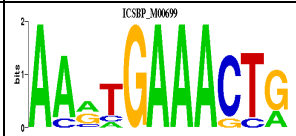
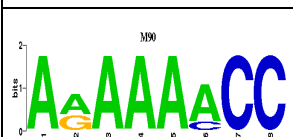
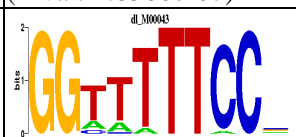
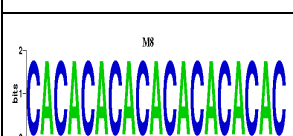
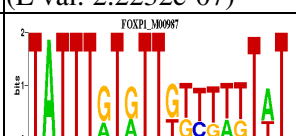
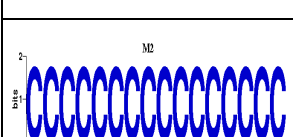
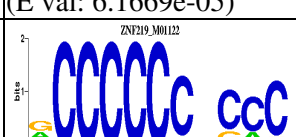
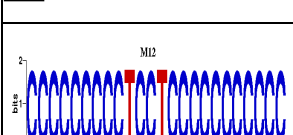
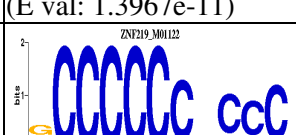
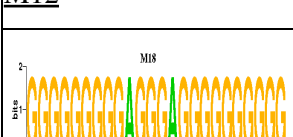
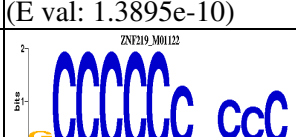
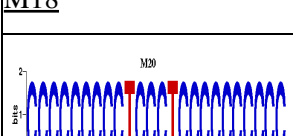
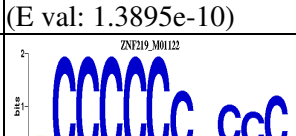


Input Motif

Best match in TRANSFAC


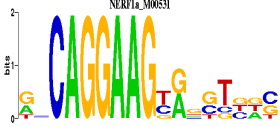
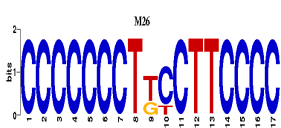

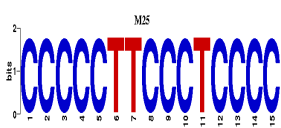











<p>M0</p>	<p>MCM1+SFF_M01051 (E val: 7.8141e-10)</p>
<p>M7</p>	<p>STE11_M00274 (E val: 6.8954e-11)</p>
<p>M15</p>	<p>FOXP1_M00987 (E val: 2.1578e-11)</p>
<p>M16</p>	<p>FOXP1_M00987 (E val: 0.0000e+00)</p>
<p>M19</p>	<p>FOXP1_M00987 (E val: 0.0000e+00)</p>
<p>M34</p>	<p>FOXP1_M00987 (E val: 8.7708e-15)</p>
<p>M14</p>	<p>FOX_M00809 (E val: 1.9471e-10)</p>
<p>M3</p>	<p>HSF_M00163 (E val: 1.6703e-09)</p>






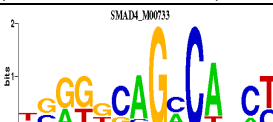

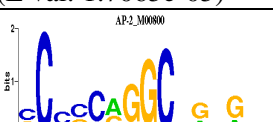



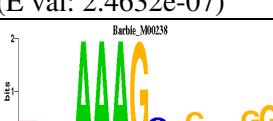
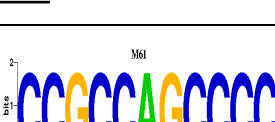
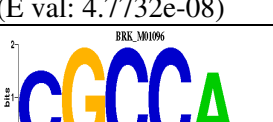
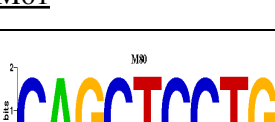

<p>M4</p>	<p>STE11_M01005</p>
<p>M4</p>	<p>STE11_M01005 (E val: 2.0038e-08)</p>
<p>M6</p>	<p>HSF_M00163</p>
<p>M6</p>	<p>HSF_M00163 (E val: 8.7944e-12)</p>
<p>M11</p>	<p>STE11_M00274</p>
<p>M11</p>	<p>STE11_M00274 (E val: 2.2905e-07)</p>
<p>M5</p>	<p>AG_M01133</p>
<p>M5</p>	<p>AG_M01133 (E val: 4.2169e-11)</p>
<p>M9</p>	<p>IRF_M00972</p>
<p>M9</p>	<p>IRF_M00972 (E val: 1.5909e-09)</p>
<p>M10</p>	<p>HSF_M00163</p>
<p>M10</p>	<p>HSF_M00163 (E val: 9.3762e-07)</p>
<p>M1</p>	<p>MEF-2_M00006</p>
<p>M1</p>	<p>MEF-2_M00006 (E val: 1.0134e-06)</p>
<p>M22</p>	<p>STE11_M00274</p>
<p>M22</p>	<p>STE11_M00274 (E val: 4.1996e-08)</p>

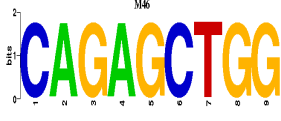





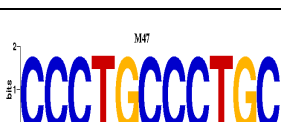

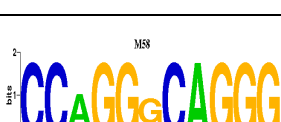



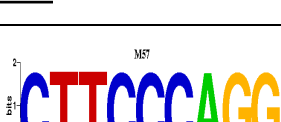

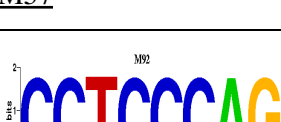

 <p>M69</p>	 <p>ZBRK1_M01105 (E val: 3.7413e-08)</p>
 <p>M83</p>	 <p>ICSBP_M00699 (E val: 2.8560e-07)</p>
 <p>M90</p>	 <p>d1_M00043 (E val: 2.2232e-07)</p>
 <p>M8</p>	 <p>FOXP1_M00987 (E val: 6.1669e-05)</p>
 <p>M2</p>	 <p>ZNF219_M01122 (E val: 1.3967e-11)</p>
 <p>M12</p>	 <p>ZNF219_M01122 (E val: 1.3895e-10)</p>
 <p>M18</p>	 <p>ZNF219_M01122 (E val: 1.3895e-10)</p>
 <p>M20</p>	 <p>ZNF219_M01122 (E val: 1.3895e-10)</p>





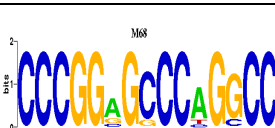



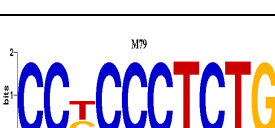

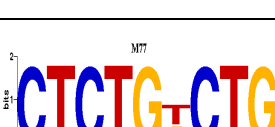


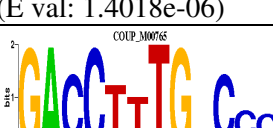
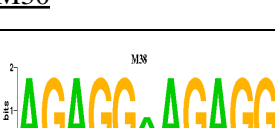
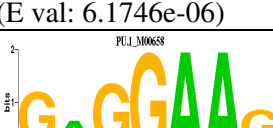
<p>M29</p>	<p>ZNF219_M01122</p>
<p>M29</p>	<p>ZNF219_M01122 (E val: 1.3895e-10)</p>
<p>M32</p>	<p>ZNF219_M01122</p>
<p>M32</p>	<p>ZNF219_M01122 (E val: 1.3462e-10)</p>
<p>M33</p>	<p>ZNF219_M01122</p>
<p>M33</p>	<p>ZNF219_M01122 (E val: 1.3895e-10)</p>
<p>M39</p>	<p>ZNF219_M01122</p>
<p>M39</p>	<p>ZNF219_M01122 (E val: 2.0015e-11)</p>
<p>M41</p>	<p>ZNF219_M01122</p>
<p>M41</p>	<p>ZNF219_M01122 (E val: 1.9650e-11)</p>
<p>M49</p>	<p>ZNF219_M01122</p>
<p>M49</p>	<p>ZNF219_M01122 (E val: 2.4760e-11)</p>
<p>M31</p>	<p>UF1H3BETA_M01068</p>
<p>M31</p>	<p>UF1H3BETA_M01068 (E val: 6.2661e-13)</p>
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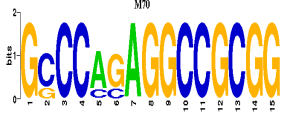




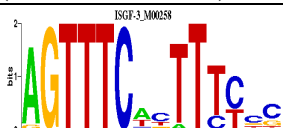

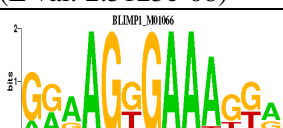





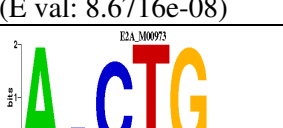

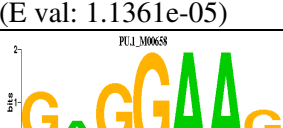
<p>M43</p>	<p>KROX_M00982</p>
<p>M43</p>	<p>KROX_M00982 (E val: 1.4322e-14)</p>
<p>M59</p>	<p>UF1H3BETA_M01068</p>
<p>M59</p>	<p>UF1H3BETA_M01068 (E val: 3.1483e-12)</p>
<p>M74</p>	<p>KROX_M00982</p>
<p>M74</p>	<p>KROX_M00982 (E val: 1.4322e-14)</p>
<p>M64</p>	<p>UF1H3BETA_M01068</p>
<p>M64</p>	<p>UF1H3BETA_M01068 (E val: 9.5264e-08)</p>
<p>M66</p>	<p>Adf-1_M00171</p>
<p>M66</p>	<p>Adf-1_M00171 (E val: 7.7716e-16)</p>
<p>M35</p>	<p>NERF1a_M00531</p>
<p>M35</p>	<p>NERF1a_M00531 (E val: 9.1411e-08)</p>
<p>M75</p>	<p>KROX_M00982</p>
<p>M75</p>	<p>KROX_M00982 (E val: 1.0695e-07)</p>
<p>M52</p>	<p>ZNF219_M01122</p>
<p>M52</p>	<p>ZNF219_M01122 (E val: 1.4234e-06)</p>

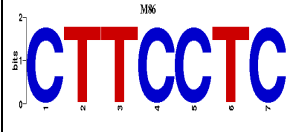

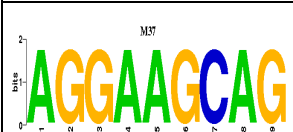





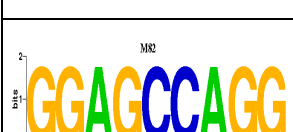


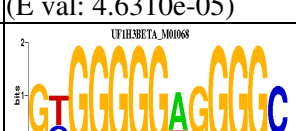
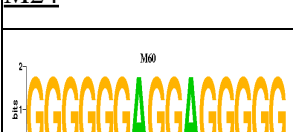


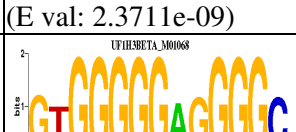
 <p>M17</p>	 <p>NERF1a_M00531 (E val: 3.6562e-08)</p>
 <p>M26</p>	 <p>MAF_M00648 (E val: 1.7844e-06)</p>
 <p>M25</p>	 <p>MAZ_M00649 (E val: 6.3974e-09)</p>
 <p>M84</p>	 <p>BLIMP1_M01066 (E val: 2.1643e-09)</p>
 <p>M27</p>	 <p>Adf-1_M00171 (E val: 5.9252e-10)</p>
 <p>M65</p>	 <p>Adf-1_M00171 (E val: 1.5727e-06)</p>
 <p>M50</p>	 <p>TAL1_M00993 (E val: 2.2291e-05)</p>
 <p>M62</p>	 <p>LMAF_M01139 (E val: 8.4214e-06)</p>












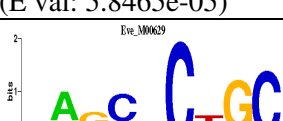

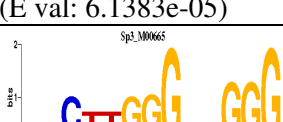
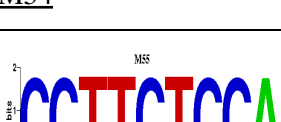

<p>M42</p> 	<p>CAC-binding_M00720 (E val: 6.6711e-08)</p> 
<p>M51</p> 	<p>CAC-binding_M00720 (E val: 1.1502e-08)</p> 
<p>M85</p> 	<p>SMAD4_M00733 (E val: 1.7065e-05)</p> 
<p>M96</p> 	<p>AP-2_M00800 (E val: 4.9388e-05)</p> 
<p>M45</p> 	<p>TAL1_M00993 (E val: 2.4632e-07)</p> 
<p>M67</p> 	<p>Barbie_M00238 (E val: 4.7732e-08)</p> 
<p>M61</p> 	<p>BRK_M01096 (E val: 6.5116e-08)</p> 
<p>M80</p> 	<p>TAL1_M00993 (E val: 2.9193e-05)</p> 

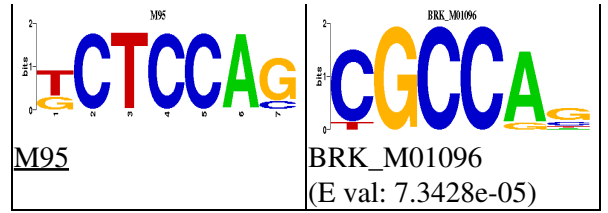
 <p>M46</p>	 <p>HEB_M00698 (E val: 2.7258e-06)</p>
 <p>M76</p>	 <p>HEB_M00698 (E val: 5.7899e-06)</p>
 <p>M89</p>	 <p>HSF_M00167 (E val: 5.8941e-06)</p>
 <p>M47</p>	 <p>UF1H3BETA_M01068 (E val: 1.8017e-06)</p>
 <p>M58</p>	 <p>Sp1_M00931 (E val: 1.0049e-05)</p>
 <p>M56</p>	 <p>CAC-binding_M00720 (E val: 1.5114e-07)</p>
 <p>M57</p>	 <p>RBP-Jkappa_M01112 (E val: 1.8597e-06)</p>
 <p>M92</p>	 <p>Lyf-1_M00141 (E val: 7.0228e-08)</p>

 <p>M63</p>	 <p>LF-A1_M00646 (E val: 5.5252e-05)</p>
 <p>M78</p>	 <p>LF-A1_M00646 (E val: 1.0451e-04)</p>
 <p>M68</p>	 <p>AP-2alpha_M00469 (E val: 8.7962e-05)</p>
 <p>M13</p>	 <p>GAGA_M00723 (E val: 4.7764e-08)</p>
 <p>M79</p>	 <p>TFII-I_M00706 (E val: 7.5544e-10)</p>
 <p>M77</p>	 <p>SMAD3_M00701 (E val: 1.4018e-06)</p>
 <p>M30</p>	 <p>COUP_M00765 (E val: 6.1746e-06)</p>
 <p>M38</p>	 <p>PU.1_M00658 (E val: 4.3643e-08)</p>

 <p>M70</p>	 <p>PDR3_M00752 (E val: 1.6942e-05)</p>
 <p>M21</p>	 <p>GATA-4_M00632 (E val: 6.1912e-06)</p>
 <p>M48</p>	 <p>ISGF-3_M00258 (E val: 2.5125e-08)</p>
 <p>M44</p>	 <p>BLIMP1_M01066 (E val: 1.1725e-06)</p>
 <p>M94</p>	 <p>PBF_M01130 (E val: 2.4789e-06)</p>
 <p>M23</p>	 <p>Tel-2_M00678 (E val: 8.6716e-08)</p>
 <p>M93</p>	 <p>E2A_M00973 (E val: 1.1361e-05)</p>
 <p>M73</p>	 <p>PU.1_M00658 (E val: 6.5598e-09)</p>

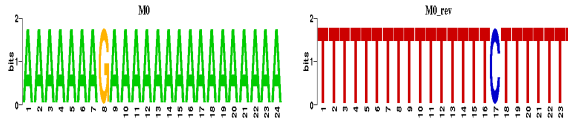
<p>M86</p>  <p>M86</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 5.1625e-12)</p>
<p>M37</p>  <p>M37</p>	<p>c-Ets-1_M00743</p>  <p>c-Ets-1_M00743 (E val: 9.1470e-09)</p>
<p>M81</p>  <p>M81</p>	<p>c-Ets-1_M00743</p>  <p>c-Ets-1_M00743 (E val: 2.3589e-08)</p>
<p>M28</p>  <p>M28</p>	<p>PBF_M01130</p>  <p>PBF_M01130 (E val: 5.4374e-06)</p>
<p>M82</p>  <p>M82</p>	<p>BRK_M01096</p>  <p>BRK_M01096 (E val: 4.6310e-05)</p>
<p>M24</p>  <p>M24</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 2.3808e-10)</p>
<p>M60</p>  <p>M60</p>	<p>AtMYB-84_M00970</p>  <p>AtMYB-84_M00970 (E val: 2.3711e-09)</p>
<p>M53</p>  <p>M53</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 2.9072e-06)</p>

<p>M72</p>  <p>M72</p>	<p>Ttk_M00009</p>  <p>Ttk_M00009 (E val: 8.0454e-07)</p>
<p>M71</p>  <p>M71</p>	<p>GATA-1_M00347</p>  <p>GATA-1_M00347 (E val: 3.0773e-04)</p>
<p>M87</p>  <p>M87</p>	<p>GATA-1_M00347</p>  <p>GATA-1_M00347 (E val: 3.0521e-05)</p>
<p>M36</p>  <p>M36</p>	<p>GAGA_M00723</p>  <p>GAGA_M00723 (E val: 1.1635e-04)</p>
<p>M91</p>  <p>M91</p>	<p>AREB6_M00412</p>  <p>AREB6_M00412 (E val: 5.8465e-05)</p>
<p>M88</p>  <p>M88</p>	<p>Eve_M00629</p>  <p>Eve_M00629 (E val: 6.1383e-05)</p>
<p>M54</p>  <p>M54</p>	<p>Sp3_M00665</p>  <p>Sp3_M00665 (E val: 2.9985e-06)</p>
<p>M55</p>  <p>M55</p>	<p>PEND_M01015</p>  <p>PEND_M01015 (E val: 5.6976e-04)</p>



Motif Similarity Matches

M0



forward

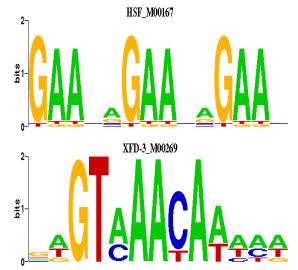
reverse compliment

Name	E value	Alignment	Motif
MCM1+SFF_M01051	7.8141e-10	----AAAAAAGAAAAAAAAAAAAAAAAA TNCNAAWNNNGNAAWANNTAAAYAA--	
FOXP1_M00987	4.0229e-09	AAAAAAGAAAAAAAAAAAAAAAAA -ATAAAAAACAACACAAATA----	
HSF_M00163	1.4026e-08	TTTTTTTTTTTTTTTTCTTTTTT -----NTTCTNTTCTNTTC--	
STE11_M01005	8.2606e-08	TTTTTTTTTTTTTTTTCTTTTTT -----TTTCTTTGTTTC	
BR-C_M00092	1.6367e-07	-AAAAAAGAAAAAAAAAAAAAAAAA RANAAATAGNWNNNN-----	
STE11_M00274	1.8823e-07	AAAAAAGAAAAAAAAAAAAAAAAA WNNNNAACAAAGAAANW-----	
AG_M01133	1.0733e-05	---AAAAAAGAAAAAAAAAAAAAAAAA TWNCAAAAAGGNAAN-----	
BR-C_M00094	2.0733e-05	TTTTTTTTTTTTTTTTCTTTTTT -----TTWTSTTAYWW	

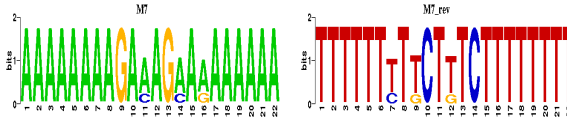
Stamp Results

04/30/14

HSF_M00167	1.0145e-04	TTTTTTTTTTTTTTTTCTTTTTT -----NTTCNNTTCNNTTC--
XFD-3_M00269	1.0703e-04	TTTTTTTTTTTTTTTTCTTTTTT -----WKWTGTGTTACWN-----



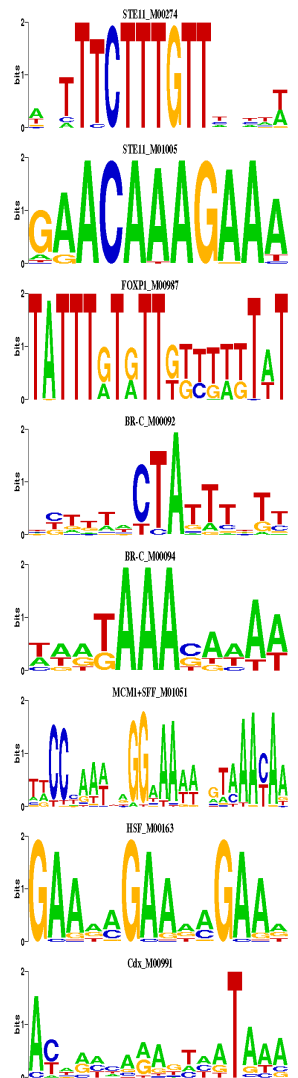
M7



forward

reverse complement

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
STE11_M00274	6.8954e-11	AAAAAAAAAGAAAGAAAAAAAAA -WNNNNAACAAAGAAANW----
STE11_M01005	9.9681e-08	TTTTTTTTTCTTTCTTTTTTTT -----TTTCTTTGTTC-
FOXP1_M00987	1.0842e-07	TTTTTTTTTCTTTCTTTTTTTT --TATTTGTGTTGTTTTTAT-
BR-C_M00092	1.1615e-06	AAAAAAAAAGAAAGAAAAAAAAA RANAAATAGNWNNNN-----
BR-C_M00094	1.1819e-06	TTTTTTTTTCTTTCTTTTTTTT -----TTWSTTTAYWW-----
MCM1+SFF_M01051	4.4890e-06	-TTTTTTTTTCTTTCTTTTTTTT--- TTRTTTANNNTWTTNCCNNWTTNGNA
HSF_M00163	4.9457e-06	--AAAAAAAAAGAAAGAAAAAAAAA GAANAGAANAGAAN-----
Cdx_M00991	5.9157e-05	-AAAAAAAAAGAAAGAAAAAAAAA AYNRNNARANNNATAAA-----



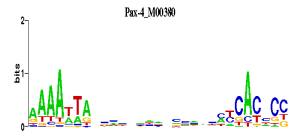
Stamp Results

04/30/14

Pax-4_M00380

1.7194e-04

AAAAAAAAAGAAAGAAAAAAAAA-----
NAAAWTANNNNNNNNNNNNNNNNNNNCACNCN



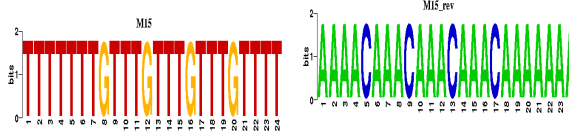
Rim101p_M01030

2.0484e-04

AAAAAAAAAGAAAGAAAAAAAAA
-----CAAGNAA-----



M15



forward

reverse compliment

Name

E value

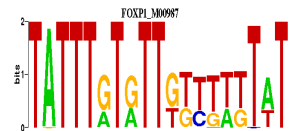
Alignment

Motif

FOXP1_M00987

2.1578e-11

AAAACAAACAAACAAACAAAAAAAA
-----ATAAAAAACAACACAAATA



HFH4_M00742

6.5039e-11

TTTTTTTGTGGTTGTTGTTGTTTT
----WKTGTTTGTTA-----



FOX_M00809

1.1935e-09

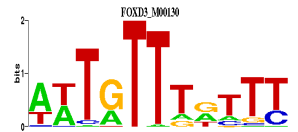
TTTTTTTGTGGTTGTTGTTGTTTT
-----ANTGTTTRTTW



FOXD3_M00130

4.2045e-09

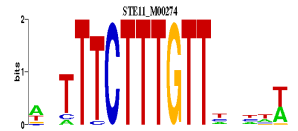
AAAACAAACAAACAAACAAAAAAAA
-AAANAAACAWT-----



STE11_M00274

4.8498e-09

AAAACAAACAAACAAACAAAAAAAA
-WNNNNAACAAAGAAANW-----



Cdx_M00991

4.2763e-08

AAAACAAACAAACAAACAAAAAAAA
---AYNRNNARANNNATAAA----



STE11_M01005

8.2606e-08

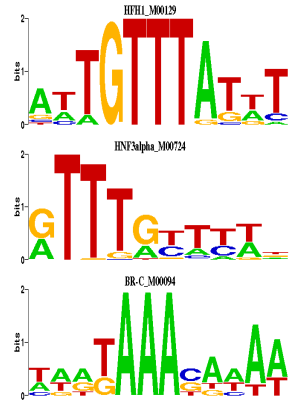
TTTTTTTGTGGTTGTTGTTGTTTT
TTCCTTGTT-----



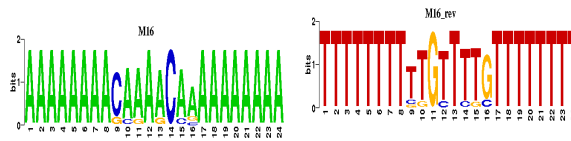
Stamp Results

04/30/14

HFH1_M00129	8.0718e-07	AAAACAAACAAACAAACAAAAAAAA -AWATAAACAWT-----
HNF3alpha_M00724	9.1628e-07	-AAAACAAACAAACAAACAAAAAAAA NWRARCAAAY-----
BR-C_M00094	1.1656e-06	AAAACAAACAAACAAACAAAAAAAA -----WVRTAAASAWAA---



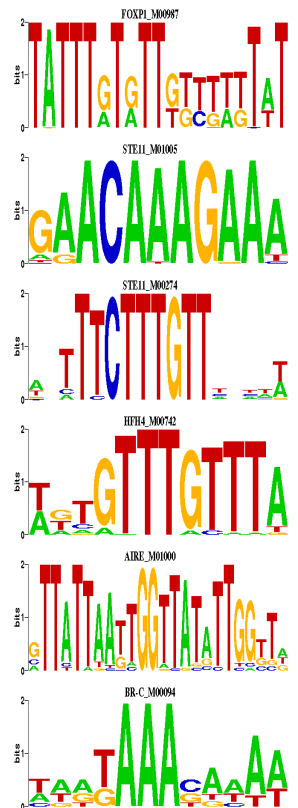
M16



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
FOXP1_M00987	0.0000e+00	AAAAAAAAACAAACAAAAAAAAAA ATAAAAAACAACACAAATA-----
STE11_M01005	1.0214e-07	AAAAAAAAACAAACAAAAAAAAAA -----GAACAAAGAAA---
STE11_M00274	1.3592e-07	TTTTTTTTTTGTTTTGTTTTTTTT -----WNTTTCCTTGTTNNNNW-
HFH4_M00742	1.1350e-06	AAAAAAAAACAAACAAAAAAAAAA -----TAAACAAACAMW---
AIRE_M01000	1.6580e-06	-TTTTTTTTTTGTTTTGTTTTTTTT NTTATTAATTGGTTATATTGGKTN-
BR-C_M00094	1.6701e-06	TTTTTTTTTTGTTTTGTTTTTTTT -----TTWSTTTAYWW-



Stamp Results

04/30/14

FOXD3_M00130 1.7522e-06

TTTTTTTTTTGTTTTGTTTTTTTTT
-----AWTGTTNTTTT-



FOX_M00809 1.8669e-06

TTTTTTTTTTGTTTTGTTTTTTTTT
-----ANTGTTTRTTTW



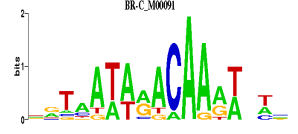
HFH1_M00129 1.9143e-06

AAAAAAAAACAAAACAAAAAAAAAA
-AWATAAACAWT-----

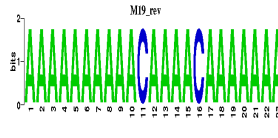


BR-C_M00091 2.4886e-06

TTTTTTTTTTGTTTTGTTTTTTTTT-
-----NNNWYTTGTYTATNANN



M19



forward

reverse compliment

Name

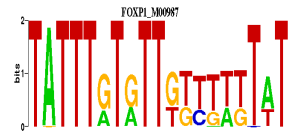
E value

Alignment

Motif

FOXP1_M00987 0.0000e+00

AAAAAAAAAAACAAAACAAAAAAAA
--ATAAAAAACAACACAAATA--



STE11_M01005 7.6006e-08

TTTTTTTGTGTTTTGTTTTTTTTTT
TTTCTTTGTTT-----



STE11_M00274 2.1319e-07

TTTTTTTGTGTTTTGTTTTTTTTTT
---WNTTTCTTTGTTNNNNW---



HFH4_M00742 5.7300e-07

AAAAAAAAAAACAAAACAAAAAAAA
--TAAACAAACAMW-----



BR-C_M00094 7.8942e-07

AAAAAAAAAAACAAAACAAAAAAAA
---WWR TAAASAWAA-----

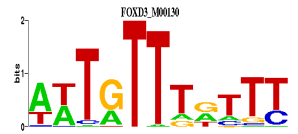


Stamp Results

04/30/14

FOXD3_M00130 7.9055e-07

TTTTTTTGTGGTTTGTGGTTTTTTTTT
-----AWTGTGTTTNTTT---



FOX_M00809 9.2670e-07

AAAAAAAAAACAAAACAAAAAAAA
--WAAAYAAACANT-----



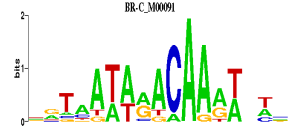
HFH1_M00129 1.4061e-06

AAAAAAAAAACAAAACAAAAAAAA
---AWATAAACAWT-----



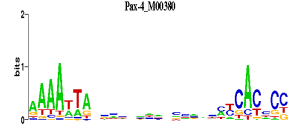
BR-C_M00091 1.5149e-06

AAAAAAAAAACAAAACAAAAAAAA
-NNTNATARACAARWNNN-----

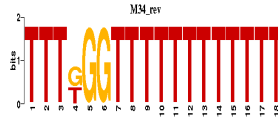
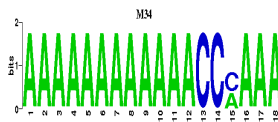


Pax-4_M00380 3.3803e-06

AAAAAAAAAACAAAACAAAAAAAA-----
--NAAWTANNNNNNNNNNNNNNNNNNNCACNCN



M34



forward

reverse compliment

Name

E value

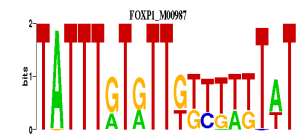
Alignment

Motif

FOXP1_M00987

8.7708e-15

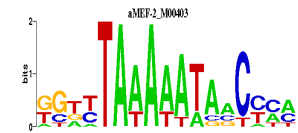
AAAAAAAAAAAAACCMAAA--
-ATAAAAAACAACACAAATA



aMEF-2_M00403

1.0493e-07

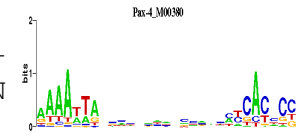
-AAAAAAAAAAAAACCMAAA
KGN YTAAAAATANCYMM--



Pax-4_M00380

1.0216e-06

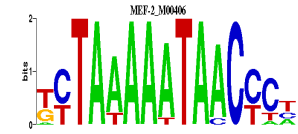
AAAAAAAAAAAAACCMAAA-----
----NAAWTANNNNNNNNNNNNNNNNNNNCACNCN



MEF-2_M00406

1.2625e-06

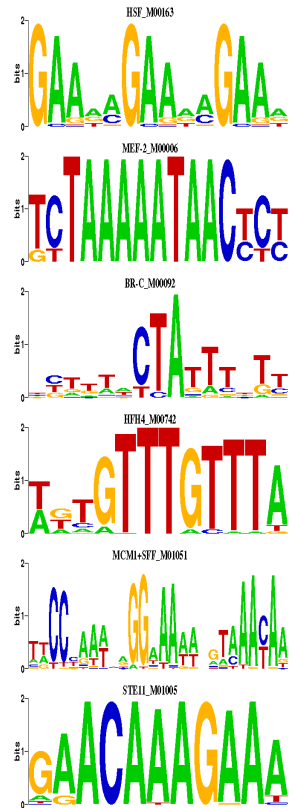
TTTKGGTTTTTTTTTTTTT
--NGGGTTATTTTTAGM-



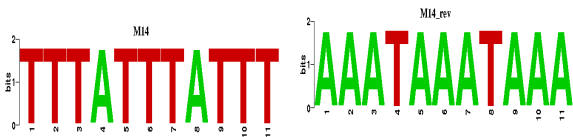
Stamp Results

04/30/14

HSF_M00163	5.3647e-06	TTTKGGTTTTTTTTTTT- -----NTTCTNTTCTNTTC
MEF-2_M00006	2.9972e-05	AAAAAAAAAAAAACCMAAA -TCTAAAAATAACYCY--
BR-C_M00092	3.1733e-05	-AAAAAAAAAAAAACCMAAA RANAAATAGNWNNNN----
HFH4_M00742	4.1890e-05	AAAAAAAAAAAAACCMAAA ----TAAACAAACAMW--
MCM1+SFF_M01051	4.3545e-05	-----AAAAAAAAAAAAACCMAAA---- TNCNAAWNNGGNAAWANNTAAAYAA
STE11_M01005	6.8972e-05	TTTKGGTTTTTTTTTTT- -----TTTCTTTGTTTC-



M14

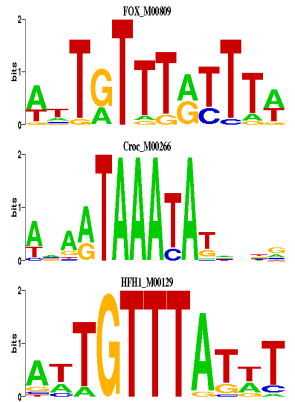


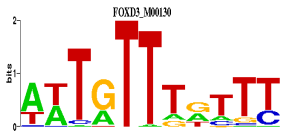

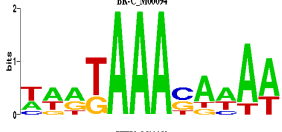
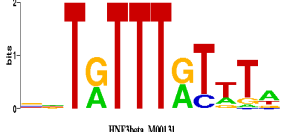


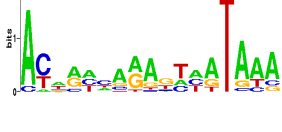
forward

reverse compliment

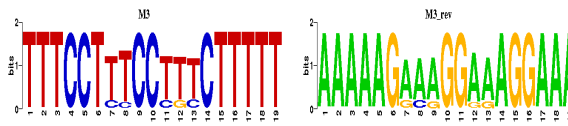
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
FOX_M00809	1.9471e-10	TTTATTTATTT- ANTGTTTRITTW
Croc_M00266	1.5029e-09	---TTTATTTATTT- NNNNMTATTTATNT
HFH1_M00129	1.8295e-09	AAATAAATAAA AWATAAACAWT

Motif





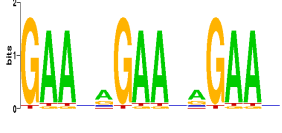
FOXD3_M00130	1.2189e-08	AAATAAATAAA AAANAAACAWT	
XFD-1_M00267	1.3966e-08	--TTTATTTATTT RYWWTATTTACWT	
BR-C_M00094	1.7220e-08	-TTTATTTATTT TTWSTTTAYWW	
HFH3_M00289	2.0219e-07	TTTATTTATTT- NNTRTTTRTWTN	
HNF3beta_M00131	2.0845e-07	-AAATAAATAAA-- WAARYAAAYANTNC	
HNF6_M00639	2.7858e-07	TTTATTTATTT- -NTATTGATTTN	
Cdx_M00991	6.8104e-07	TTTATTTATTT----- TTTATNNNTYTNNYNRT	

M3



forward

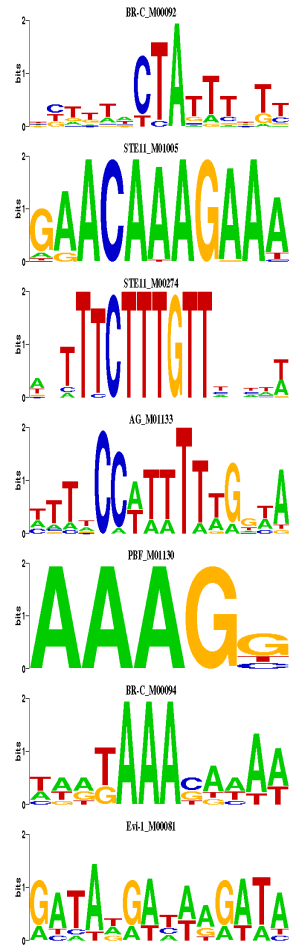
reverse compliment

Name	E value	Alignment	Motif
HSF_M00163	1.6703e-09	TTTCCTTTCCTTTCTTTTT -----NTTCTNNTTCNTTC	
BLIMP1_M01066	2.7175e-09	TTTCCTTTCCTTTCTTTTT --YMCTTTCMCTTYC----	
HSF_M00167	8.8579e-06	TTTCCTTTCCTTTCTTTTT NTTCNNTTCNNTTC-----	

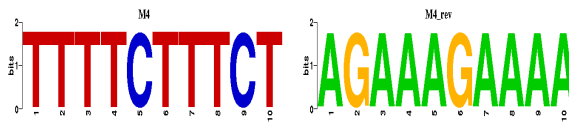
Stamp Results

04/30/14

BR-C_M00092	1.2616e-05	AAAAAGAAAGGAAAGGAAA -RANAAATAGNWNNNN---
STE11_M01005	1.7362e-05	TTTCCTTTCCTTTCTTTTT-- -----TTTCCTTGTTT
STE11_M00274	2.3796e-05	--AAAAAGAAAGGAAAGGAAA WNNNNAACAAAGAAANW----
AG_M01133	6.7782e-05	TTTCCTTTCCTTTCTTTTT-- ----NTTNCWTTTTTGNWA
PBF_M01130	8.3021e-05	TTTCCTTTCCTTTCTTTTT ---CCTT-----
BR-C_M00094	1.3146e-04	TTTCCTTTCCTTTCTTTTT -----TTWSTTTAYWW--
Evi-1_M00081	2.2351e-04	TTTCCTTTCCTTTCTTTTT TATCTTNTCNTATC-----



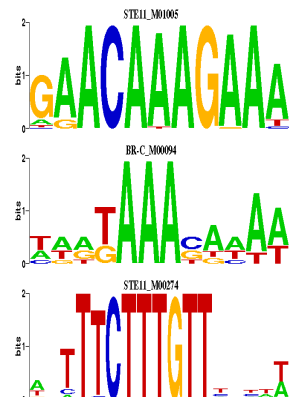
M4



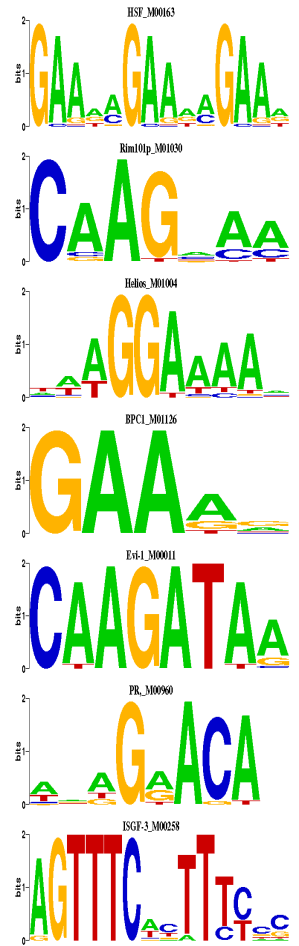
forward

reverse compliment

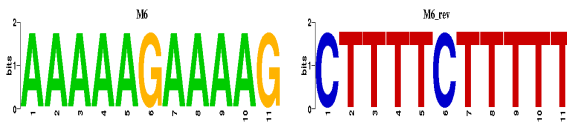
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
STE11_M01005	2.0038e-08	TTTTCCTTTCT-- -TTTCCTTGTTT
BR-C_M00094	2.4008e-08	TTTTCCTTTCT-- TTWSTTTAYWW
STE11_M00274	1.0555e-06	-----AGAAAGAAA- WNNNNAACAAAGAAANW



HSF_M00163	1.7616e-06	AGAAAGAAAA---- GAANAGAANAGAAN
Rim101p_M01030	9.7623e-06	TTTTCTTTCT -TTNCTTG--
Helios_M01004	3.4025e-05	-TTTTCTTTCT NTTTTCTWN-
BPC1_M01126	4.5622e-05	TTTTCTTTCT ----NTTTC-
Evi-1_M00011	1.1097e-04	AGAAAGAAAA --CAAGATAA
PR_M00960	1.3561e-04	AGAAAGAAAA- --WNNGRACAN
ISGF-3_M00258	1.7551e-04	-AGAAAGAAAA---- GNGAAANWGAACT



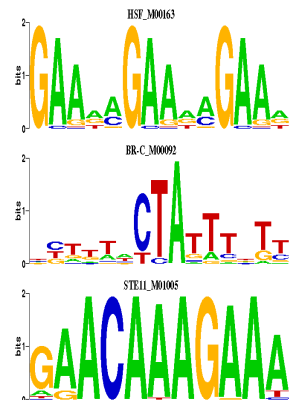
M6

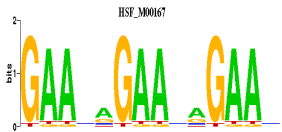

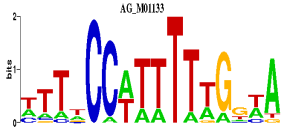


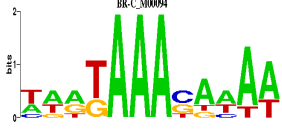



forward

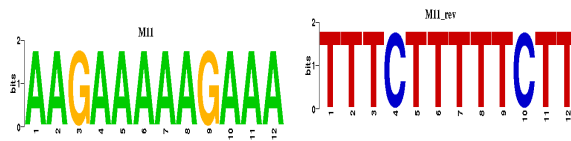
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HSF_M00163	8.7944e-12	---CTTTTCTTTTT NTTCTNTTCTNTTC
BR-C_M00092	2.5646e-08	---AAAAGAAAAG- RANAAATAGNWNNNN
STE11_M01005	1.1746e-07	CTTTTCTTTTT-- --TTTCTTTGTTC





HSF_M00167	1.2044e-06	---CTTTTCTTTTT NTTCNNTTCNNTTC	
ID1_M01021	1.6898e-06	AAAAAGAAAAG AWAASGACAA-	
AG_M01133	1.9270e-06	-----AAAAAGAAAAG TWNCAAAAAWGGNAAN	
HSF_M00164	7.1013e-06	AAAAAGAAAAG--- GAANAGAANNNTCT	
STE11_M00274	7.8214e-06	-----AAAAAGAAAAG WNNNNAACAAAGAAANW	
BR-C_M00094	1.3020e-05	--AAAAAGAAAAG WVRTAAASAWAA-	
Rim101p_M01030	1.7912e-05	CTTTTCTTTTT --TTNCTTG--	

M11

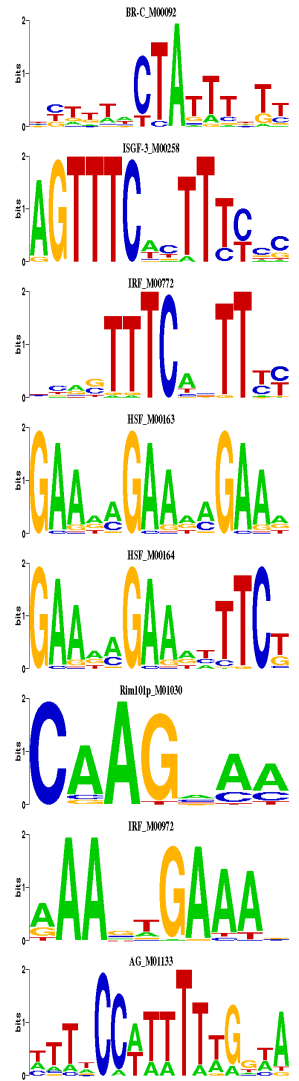


forward

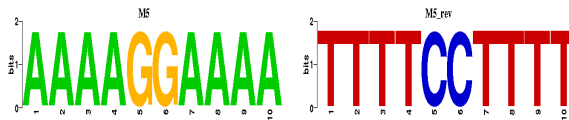
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STE11_M00274	2.2905e-07	---AAGAAAAAGAAA-- WNNNNAACAAAGAAANW	
STE11_M01005	4.4062e-07	TTTCTTTTTCTT TTTCTTTGTT-	

BR-C_M00092	7.6335e-07	AAGAAAAAGAAA--- RANAAATAGNWNNNN
ISGF-3_M00258	3.0658e-06	AAGAAAAAGAAA-- GNGAAANWGAAACT
IRF_M00772	7.1646e-06	AAGAAAAAGAAA---- --RRAANTGAAASNNN
HSF_M00163	7.9016e-06	TTTCTTTTTCTT-- NTTCTNTTCTNTTC
HSF_M00164	2.8731e-05	AAGAAAAAGAAA----- ---GAANAGAANNTTCT
Rim101p_M01030	3.0280e-05	TTTCTTTTTCTT TTNCTTG-----
IRF_M00972	8.5825e-05	AAGAAAAAGAAA- ---AAANWGAAAN
AG_M01133	1.4834e-04	---AAGAAAAAGAAA- TWNCAAAAAWGGNAAN



M5

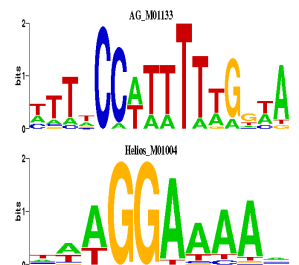


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
AG_M01133	4.2169e-11	TTTTCTTTT----- NTTNCWTTTTTGNWA
Helios_M01004	3.7347e-09	-TTTTCTTTT NTTTTCTWN-

Motif



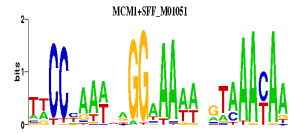
ID1_M01021 1.0875e-08

AAAAGGAAAA
AWAASGACAA



MCM1+SFF_M01051 9.3299e-08

-----AAAAGGAAAA-----
TNCNAAWNNGGNAAWANNTAAAYAA



MADS-A_M00408 1.5180e-06

TTTTCTTTT-----
-TTTCCATTTTNNWN



IRF-1_M00062 2.6731e-06

--TTTTCTTTT
GGTTTCRCTTTT



IRF-2_M00063 2.8849e-06

--TTTTCTTTT
RSTTTCRCTTTT



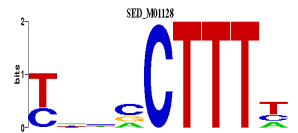
MADS-B_M00404 3.3846e-06

-----AAAAGGAAAA
NCYAAAAATGSAAA-



SED_M01128 4.4873e-06

AAAAGGAAAA
NAAAGNNA-

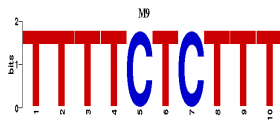


Elf-1_M00746 8.2086e-06

TTTTCTTTT-
AYTTCCTCTTN



M9



forward

reverse compliment

Name

E value

Alignment

Motif

IRF_M00972

1.5909e-09

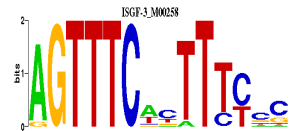
TTTTCTCTTT
NTTTCWNTTT

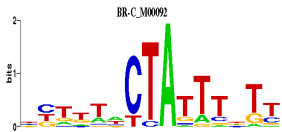
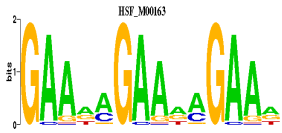








ISGF-3_M00258

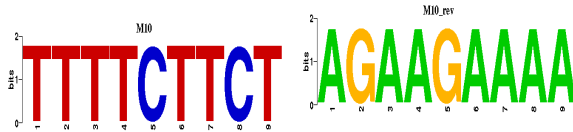
1.3317e-08

-TTTTCTCTTT-
AGTTCWNTTTCNC



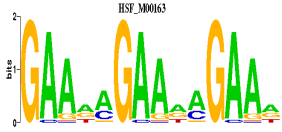
BR-C_M00092	1.6141e-07	---AAAGAGAAAA-- RANAAATAGNWNNNN	
HSF_M00163	1.9584e-07	AAAGAGAAAA---- GAANAGAANAGAAN	
IRF-2_M00063	3.3550e-07	-TTTTCTCTTT- RSTTTTCRCTTTT	
IRF-1_M00062	4.2969e-07	-TTTTCTCTTT- GGTTTCRCTTTT	
Elf-1_M00746	2.2600e-06	-TTTTCTCTTT AYTTCCTCTTN	
IRF_M00772	2.8244e-06	---TTTTCTCTTT- NNNSTTTTCANTYY	
dI_M00120	1.4733e-05	---TTTTCTCTTT NGNTTTTCYC---	
ID1_M01021	1.4869e-05	AAAGAGAAAA AWAASGACAA	










M10



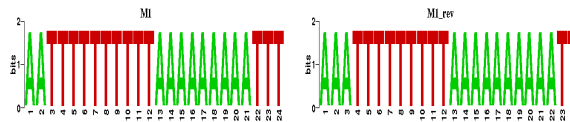
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00163	9.3762e-07	----TTTTCTTCT- NNTTCNTTCTNTTC	

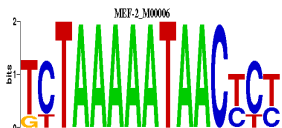
Rim101p_M01030	4.6890e-06	TTTTCTTCT -TTNCTTG-	
Evi-1_M00080	1.2593e-05	TTTTCTTCT- TTATCTTATC	
HSF_M00166	2.6002e-05	-TTTTCTTCT---- NTTCTNTTCTAGAA	
Evi-1_M00011	4.9314e-05	AGAAGAAAA -CAAGATAA	
Elf-1_M00746	6.2691e-05	TTTTCTTCT-- AYTTCCTCTTN	
Evi-1_M00079	9.7173e-05	-AGAAGAAAA GAYAAGATAA	
STE11_M01005	1.5370e-04	TTTTCTTCT--- -TTTCTTTGTTC	
HSF_M00164	2.0707e-04	----TTTTCTTCT- AGAANNTTCTNTTC	
AR_M00447	2.2518e-04	AGAAGAAAA----- AGAACAWNANGTWC	

M1



forward

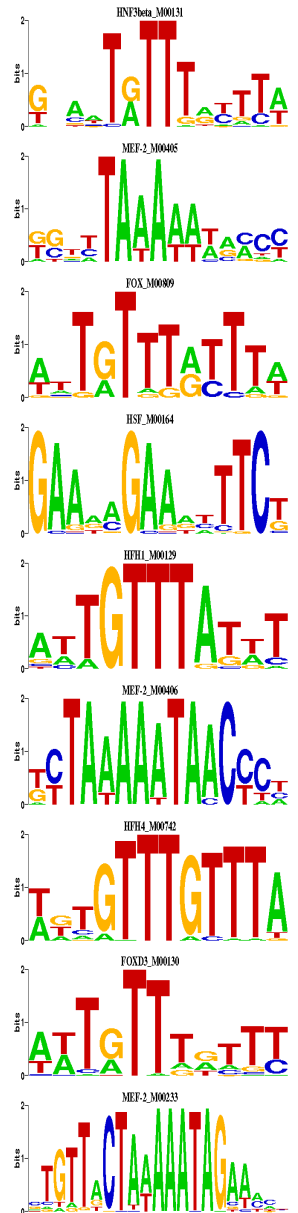
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MEF-2_M00006	1.0134e-06	AATTTTTTTTTTAAAAAAAATTT -----TCTAAAAATAACYCY	

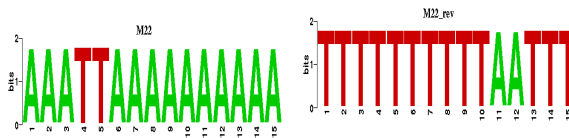
Stamp Results

04/30/14

HNF3beta_M00131	2.3403e-06	-AAATTTTTTTTTAAAAAAAATT GNANRTRTTTRYTTW-----
MEF-2_M00405	2.4079e-06	AATTTTTTTTTTAAAAAAAATTT --RGKNWTTTTTANNM-----
FOX_M00809	5.9978e-06	AAATTTTTTTTTAAAAAAAATT -----WAAAYAAACANT-
HSF_M00164	9.8839e-06	--AAATTTTTTTTTAAAAAAAATT AGAANN TTCNTTC-----
HFH1_M00129	1.1569e-05	AATTTTTTTTTTAAAAAAAATTT -AWGTTTATWT-----
MEF-2_M00406	1.3971e-05	AAATTTTTTTTTAAAAAAAATT NGGGTATTTTTAGM-----
HFH4_M00742	1.6228e-05	AAATTTTTTTTTAAAAAAAATT -----TAAACAAACAMW-
FOXD3_M00130	1.9162e-05	AATTTTTTTTTTAAAAAAAATTT -AWGTTTNTTT-----
MEF-2_M00233	3.0464e-05	-AATTTTTTTTTTAAAAAAAATTT NNNTTCTATTTTTAGTAACAN----



M22



forward

reverse compliment

Name *E value* *Alignment* *Motif*

Stamp Results

04/30/14

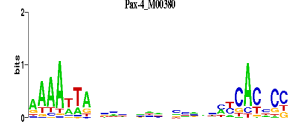
STE11_M00274 4.1996e-08

AAATTAAAAAAAAAA--
WNNNNAACAAAGAAANW



Pax-4_M00380 6.8533e-06

-----TTTTTTTTTAAATT-
NGNGTGNNNNNNNNNNNNNNNTAWTTN



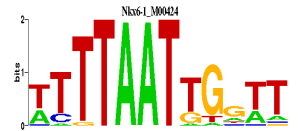
XFD-3_M00269 7.7217e-06

TTTTTTTTTAAATT
-WKWTTGTTTACWN-



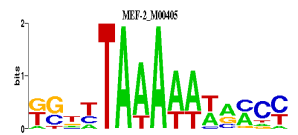
Nkx6-1_M00424 1.2261e-05

TTTTTTTTTAAATT---
-----WTTTAAATTGNTT



MEF-2_M00405 1.5544e-05

TTTTTTTTTAAATT
RGKNWTTTTTANNSM



HFH4_M00742 1.8624e-05

AAATTAAAAAAAAAA--
----TAAACAAACAMW



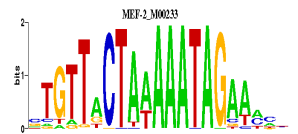
STE11_M01005 2.5811e-05

TTTTTTTTTAAATT
TTCCTTGTTC----



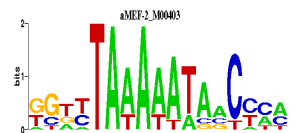
MEF-2_M00233 3.8414e-05

---TTTTTTTTTAAATT---
NNNTTCTATTTTTAGTAACAN



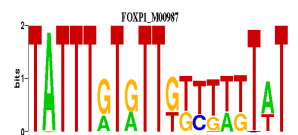
aMEF-2_M00403 4.2279e-05

--TTTTTTTTTAAATT
KKRGNTATTTTTARNCM

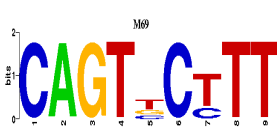


FOXP1_M00987 4.6275e-05

AAATTAAAAAAAAAA-----
--ATAAAAACAACACAAATA





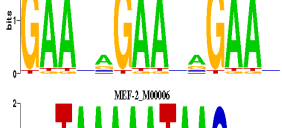







M69

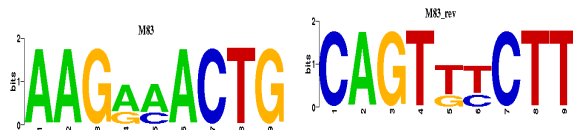


forward

reverse complement

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZBRK1_M01105	3.7413e-08	-----CAGTNCTTT GGSMGCAGNNNTTT	
PR_M00960	8.1473e-06	AAAGNACTG WNNGRACAN	
Gfi1b_M01058	1.3143e-05	--CAGTNCTTT WGCMGTGATTT	
PEND_M01015	6.5709e-05	CAGTNCTTT -ACTTCTT-	
HSF_M00167	2.4937e-04	---CAGTNCTTT--- NTTCNNTTCNNTTC	
MEF-2_M00006	2.7601e-04	-CAGTNCTTT----- RGRGTTATTTTTAGA	
STE11_M01005	4.2208e-04	CAGTNCTTT----- --TTTCTTTGTTC	
RXR_M01152	1.0995e-03	AAAGNACTG --TGAACTN	
GR_M00921	1.1869e-03	AAAGNACTG --AGNACAN	
PXR_M01153	1.3018e-03	AAAGNACTG --TGAACTN	

M83

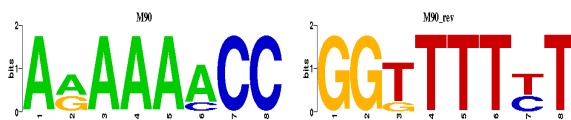


forward

reverse compliment

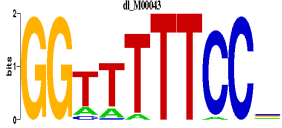

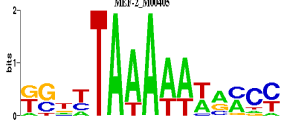
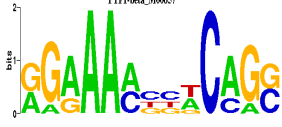
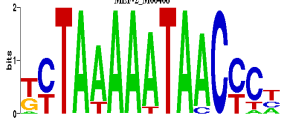
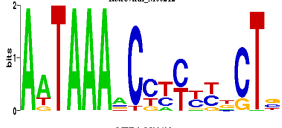
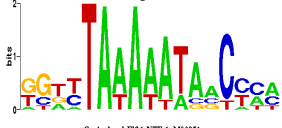


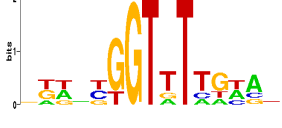
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ICSBP_M00699	2.8560e-07	CAGTTTCTT-- CAGTTTCAYTT	
Rim101p_M01030	3.0427e-05	-AAGAAACTG CAAGNAA---	
HSF_M00164	1.1223e-04	--CAGTTTCTT--- AGAANNTTCTNTTC	
STE12_M00664	1.5095e-04	CAGTTTCTT --GTTTCA-	
HSF1_M01023	2.1444e-04	-AAGAAACTG----- KRAGAANNTTCTYAGAA	
DMRT5_M01150	3.7327e-04	-----CAGTTTCTT NTTGTTACWKTCTC--	
STE11_M01005	4.1553e-04	CAGTTTCTT----- ---TTTCTTTGTTT	
HMG1Y_M01010	5.6660e-04	--AAGAAACTG--- NNRRNAAAWTNMNN	
ISGF-3_M00258	6.9309e-04	-----AAGAAACTG GNGAAANWGAAACT-	
LUN-1_M00480	8.4768e-04	-----AAGAAACTG-- TCCCAAAGTAGCTGGG	

M90

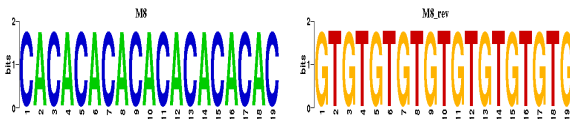


forward

reverse compliment

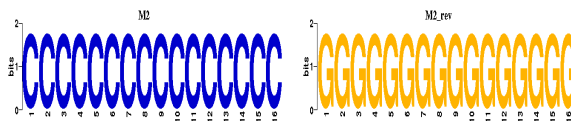
Name	E value	Alignment	Motif
dI_M00043	2.2232e-07	--ARAAAACC NGGAAAAACC	
dI_M00120	1.3752e-06	-GGTTTTYT- NGNTTTCYC	
MEF-2_M00405	2.6231e-05	-GGTTTTYT----- RGKNWTTTTTANNSM	
PTF1-beta_M00657	3.7763e-05	-----GGTTTTYT SCTGWNNKTTTCY	
MEF-2_M00406	4.3691e-05	--GGTTTTYT----- NGGGTTATTTTTAGM	
Retroviral_M00212	4.7588e-05	-----GGTTTTYT- NAGNRRRRRGNTTTATT	
aMEF-2_M00403	1.1859e-04	--GGTTTTYT----- KKRGNTATTTTTARNCM	
Grainyhead-Elf-1-NTF-1_M00951	2.4727e-04	ARAAAACC-- ---AAACCRG	
MYB.Ph3_M00218	2.8958e-04	-----GGTTTTYT RTAACSGTTTTTW-	
Elf-1_M00110	4.0766e-04	--ARAAAACC----- NNNNNANACCNNNNN	







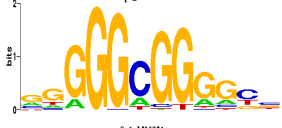



M8



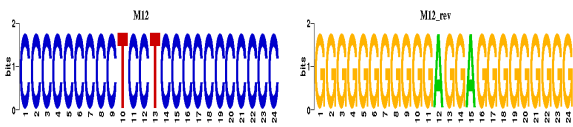
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
FOXP1_M00987	6.1669e-05	-CACACACACACACACACAC ATAAAAAACAACACAAATA-	
RAP1_M00213	6.9540e-05	-GTGTGTGTGTGTGTGTGTG NRGTATGGGTY-----	
HFH4_M00742	1.1081e-04	GTGTGTGTGTGTGTGTGTG -WKTGTTTGTTTA-----	
CACD_M01113	8.9623e-04	GTGTGTGTGTGTGTGTGTG GGGYGTG-----	
Egr-3_M00245	9.7580e-04	CACACACACACACACACAC -ACGCCACGCA-----	
Egr-1_M00243	1.2781e-03	GTGTGTGTGTGTGTGTGTG -TGCGTGGGCGK-----	
Egr-2_M00246	2.0494e-03	GTGTGTGTGTGTGTGTGTG -TGCGTGGGCGK-----	
RREB-1_M00257	2.3196e-03	GTGTGTGTGTGTGTGTGTG GGGGTGGTTTGGG-----	
NGFI-C_M00244	2.3438e-03	CACACACACACACACACAC -CCRCCCACGCA-----	
GBF_M00633	6.7719e-03	GTGTGTGTGTGTGTGTGTG -TNGGGGTN-----	




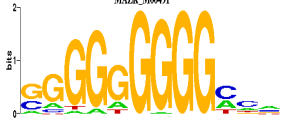


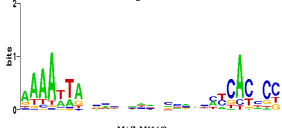

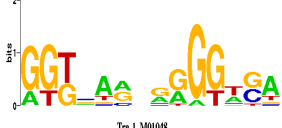

M2



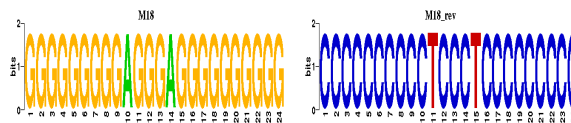
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3967e-11	GGGGGGGGGGGGGGGGG GGGNGGGGGGN-----	
KROX_M00982	1.5182e-10	GGGGGGGGGGGGGGGGG GNNNGGGGGGCGG----	
MAZR_M00491	2.9574e-08	---GGGGGGGGGGGGGGGGG SGSGGGGGGGGMNN-----	
UF1H3BETA_M01068	1.7841e-07	-CCCCCCCCCCCCCCCCC GCCCTCCCCRC-----	
RREB-1_M00257	1.5481e-06	GGGGGGGGGGGGGGGGG GGGGTGGTTTGGG----	
AtMYB-84_M00970	1.6632e-05	GGGGGGGGGGGGGGGGG GGNGGTAGGTGS-----	
Sp1_M00196	7.4514e-05	--CCCCCCCCCCCCCCCCC NNCCCCGCCCCN-----	
Sp1_M00931	1.1754e-04	-CCCCCCCCCCCCCCCCC NCCCCGCC-----	
Alfin1_M00479	1.4491e-04	CCCCCCCCCCCCCCCCC MNNCCCCACNYNYN--	
Sp1_M00933	2.1993e-04	-CCCCCCCCCCCCCCCCC C-CCKCCCCN-----	

M12



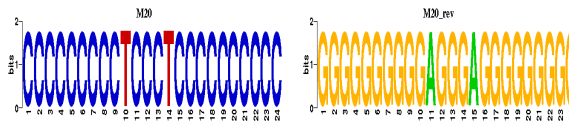
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGGGAGGAGGGGGGGGG GGGNGGGGGGN-----	
KROX_M00982	2.1546e-09	GGGGGGGGGGGAGGAGGGGGGGGG -GNNNGGGGGCG-----	
AtMYB-84_M00970	5.8527e-08	CCCCCCCCCTCCTCCCCCCCCCCC -----SCACCTACCNC-----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




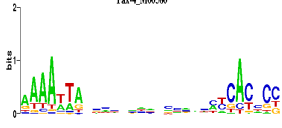




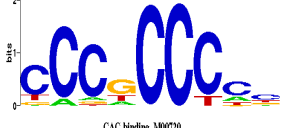

M18



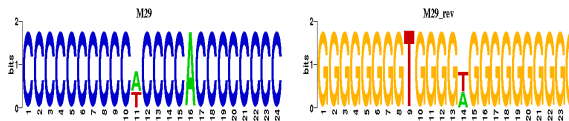
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGAGGGAGGGGGGGGGG-- -----GGGNGGGGGGGN	
TFII-I_M00706	8.0531e-09	CCCCCCCCCTCCCTCCCCCCCCC -----CCTMCNTC-----	
Pax-4_M00380	2.7235e-08	GGGGGGGGGAGGGAGGGGGGGGGG----- NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
MAZ_M00649	3.2502e-08	CCCCCCCCCTCCCTCCCCCCCCC -----CCCTCC-----	
MAZR_M00491	1.4729e-07	GGGGGGGGGAGGGAGGGGGGGGGG SGGGGGGGGMNN-----	
UF1H3BETA_M01068	2.4634e-07	CCCCCCCCCTCCCTCCCCCCCCC -----GCCCTCCCCRC--	
KROX_M00982	7.8842e-07	GGGGGGGGGAGGGAGGGGGGGGGG -----GNNGNGGGGGCGG--	
RREB-1_M00257	1.7614e-05	GGGGGGGGGAGGGAGGGGGGGGGG GGGGTGGTTTGGG-----	
Sp1_M00933	5.5059e-05	CCCCCCCCCTCCCTCCCCCCCCC -----CCCKCCCN-----	
CAC-binding_M00720	5.6072e-05	CCCCCCCCCTCCCTCCCCCCCCC -----CCASCCY-----	





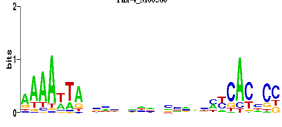





M20



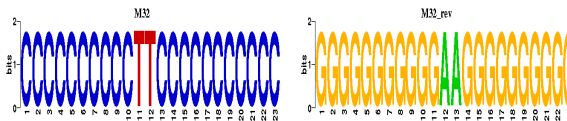
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGGAGGGAGGGGGGGGG GGNGGGGGGN-----	
KROX_M00982	2.1546e-09	GGGGGGGGGGAGGGAGGGGGGGGG GNNNGGGGGCG-----	
TFII-I_M00706	8.0531e-09	CCCCCCCCCTCCCTCCCCCCCCC -----CCTMCNTC-----	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





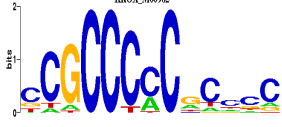

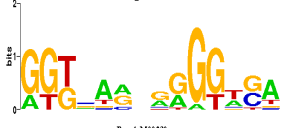
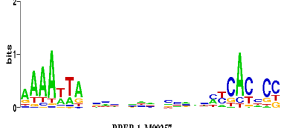


M29



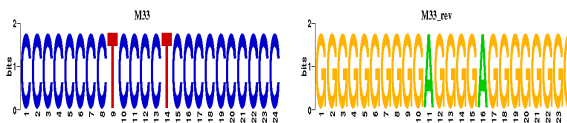
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGTGGGGWGGGGGGGGG-- -----GGGNGGGGGGN	
KROX_M00982	4.7389e-10	GGGGGGGGTGGGGWGGGGGGGGG -----GNNNGGGGGCGG--	
RREB-1_M00257	8.0971e-10	GGGGGGGGTGGGGWGGGGGGGGG ----GGGTGGTTTGGG-----	
UF1H3BETA_M01068	1.8699e-08	-CCCCCCCCCWCCCCACCCCCCCC GCCCTCCCCRC-----	
Pax-4_M00380	1.7462e-07	-GGGGGGGGTGGGGWGGGGGGGGG---- NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
MAZR_M00491	4.5097e-07	-GGGGGGGGTGGGGWGGGGGGGGG-- S-----SGGGGGGGGMNN	
CAC-binding_M00720	1.7154e-06	GGGGGGGGTGGGGWGGGGGGGGG -----RGGSTGGG-----	
SREBP-1_M00221	3.2822e-06	GGGGGGGGTGGGGWGGGGGGGGG -----GTGGGGTGAT-----	
MAZ_M00649	5.1206e-06	CCCCCCCCCWCCCCACCCCCCCC -----CCCTCC-----	
GBF_M00633	5.5063e-06	CCCCCCCCCWCCCCACCCCCCCC -----NACCCNA--	






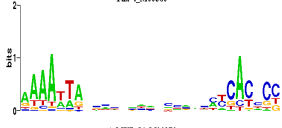

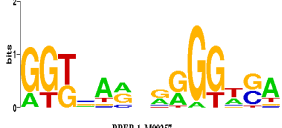


M32



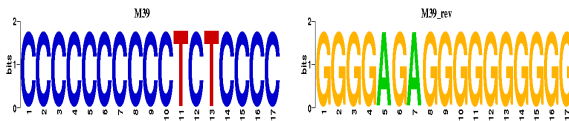
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3462e-10	GGGGGGGGGGGAAGGGGGGGGGG GGNGGGGGGN-----	
AtMYB-84_M00970	3.7804e-08	CCCCCCCCCTTCCCCCCCCCCC -----SCACCTACNCC-----	
MAZR_M00491	9.6501e-08	GGGGGGGGGGGAAGGGGGGGGGG --SGGGGGGGMNN-----	
UF1H3BETA_M01068	2.5624e-07	CCCCCCCCCTTCCCCCCCCCCC -----GCCCTCCCCRC-----	
KROX_M00982	3.4052e-06	CCCCCCCCCTTCCCCCCCCCCC --CCGCCCCNCNNC-----	
MAF_M00648	7.1031e-06	GGGGGGGGGGGAAGGGGGGGGGG -----NGRRGGAAGTKKNSN---	
VDR_M00444	1.2357e-05	CCCCCCCCCTTCCCCCCCCCCC --TSWCCYNYTNMCC-----	
Pax-4_M00380	5.3955e-05	--GGGGGGGGGGGAAGGGGGGGGG-- NGNGTGNNNNNNNNNNNNNNNTAWTTN	
RREB-1_M00257	7.5145e-05	GGGGGGGGGGGAAGGGGGGGGGG ---GGGTGGTTTGGG-----	
PU.1_M00658	1.3738e-04	CCCCCCCCCTTCCCCCCCCCCC -----CTTCCT-----	











M33



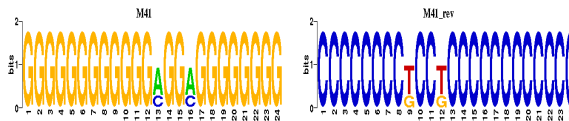
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGGAGGGGAGGGGGGGG GGNGGGGGGN-----	
UF1H3BETA_M01068	2.7773e-10	CCCCCCCCCTCCCCTCCCCCCCCC -----GCCCTCCCCRC---	
KROX_M00982	1.2332e-09	GGGGGGGGGGAGGGGAGGGGGGGG -----GNNGNGGGGGCGG	
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-----	








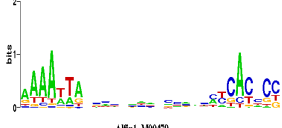


M39



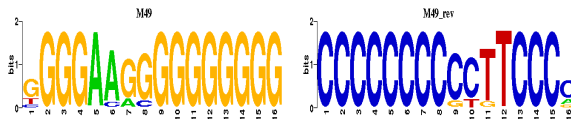
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	2.0015e-11	GGGGAGAGGGGGGGGGG- -----GGGNGGGGGGN	
MAZR_M00491	5.2681e-08	-GGGGAGAGGGGGGGGGG-- S-----SGGGGGGGGMNN	
UF1H3BETA_M01068	3.6269e-07	-CCCCCCCCCTCTCCCC GCCCTCCCCRC-----	
KROX_M00982	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-----	






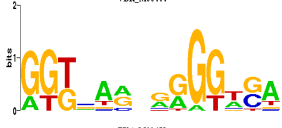

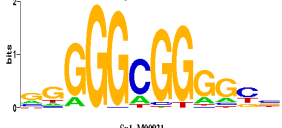


M41



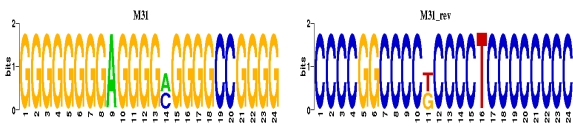
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.9650e-11	GGGGGGGGGGGAGGAGGGGGGGG --GGGNGGGGGGN-----	
KROX_M00982	7.9929e-11	GGGGGGGGGGGAGGAGGGGGGGG --GNNNGGGGGCG-----	
MAZR_M00491	1.1052e-08	GGGGGGGGGGGAGGAGGGGGGGG ---SGGGGGGGMNN-----	
UF1H3BETA_M01068	2.4519e-07	GGGGGGGGGGGAGGAGGGGGGGG GYGGGGGAGGGGC-----	
AtMYB-84_M00970	4.0078e-07	GGGGGGGGGGGAGGAGGGGGGGG -----GGNGGTAGGTGS-----	
TFII-I_M00706	4.0207e-05	CCCCCCCCCTCCTCCCCCCCCCCCC -----CCTMCNTC-----	
MAZ_M00649	6.8602e-05	CCCCCCCCCTCCTCCCCCCCCCCCC -----CCCTCC-----	
Pax-4_M00380	1.2381e-04	GGGGGGGGGGGAGGAGGGGGGGG----- --NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
Alfin1_M00479	2.6446e-04	CCCCCCCCCTCCTCCCCCCCCCCCC -----MNNCCCCACNYNYN-----	
ETF_M00695	4.8105e-04	CCCCCCCCCTCCTCCCCCCCCCCCC -----CCGCCN-----	

M49





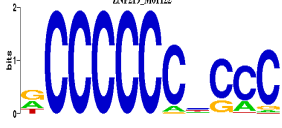



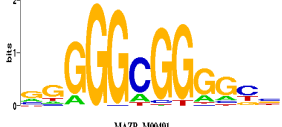



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	2.4760e-11	GGGGAAGGGGGGGGGG- -----GGNGGGGGGGN	
MAZR_M00491	1.9032e-08	---CCCCCCCCCTTCCCC NNKCCCCCCCCS-----	
KROX_M00982	2.4030e-07	CCCCCCCCCTTCCCC --CCGCCCCCNCNNC-	
UF1H3BETA_M01068	1.6188e-06	CCCCCCCCCTTCCCC-- -----GCCCTCCCCRC	
AtMYB-84_M00970	4.3932e-06	-GGGGAAGGGGGGGGGG GGNGGTAGGTGS-----	
VDR_M00444	4.5670e-06	CCCCCCCCCTTCCCC -TSWCCYNYNTMCC-	
PU.1_M00658	6.9618e-05	CCCCCCCCCTTCCCC -----CTTCTC	
Sp1_M00196	8.6080e-05	---CCCCCCCCCTTCCCC NNCCCCGCCCCN-----	
Sp1_M00931	1.1754e-04	-CCCCCCCCCTTCCCC NCCCCGCC-----	
Alfin1_M00479	1.7237e-04	--CCCCCCCCCTTCCCC MNNCCCCACNYNYN----	

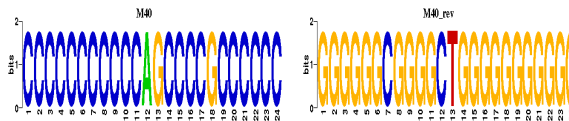
M31








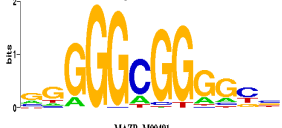




forward *reverse compliment*

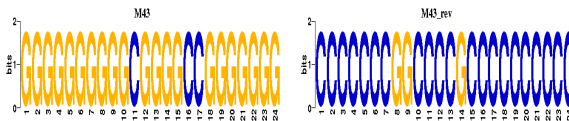
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	6.2661e-13	CCCCGGCCCCCKCCCCTCCCCCCCC -----GCCCCTCCCCRC--	
KROX_M00982	1.1821e-12	GGGGGGGAGGGGMGGGGCCGGGG -----GNNNGGGGGCGG--	
MAZ_M00649	3.2502e-08	CCCCGGCCCCCKCCCCTCCCCCCCC -----CCCTCC-----	
Alfin1_M00479	5.6195e-08	GGGGGGGAGGGGMGGGGCCGGGG -----NRNRNGTGGGGNNK---	
ZNF219_M01122	7.6288e-08	GGGGGGGAGGGGMGGGGCCGGGG ---GGNGGGGGGN-----	
GC_M00255	1.4970e-07	CCCCGGCCCCCKCCCCTCCCCCCCC ---NNGCCCCGCCCN-----	
Sp1_M00933	3.2174e-07	CCCCGGCCCCCKCCCCTCCCCCCCC -----CCCKCCCN-----	
Sp1_M00931	4.0638e-07	CCCCGGCCCCCKCCCCTCCCCCCCC -----NCCCCGCC-----	
Sp1_M00196	1.2712e-06	CCCCGGCCCCCKCCCCTCCCCCCCC -----NNCCCCGCCCN-----	
MAZR_M00491	3.1853e-06	GGGGGGGAGGGGMGGGGCCGGGG ----SGGGGGGGMNN-----	

M40



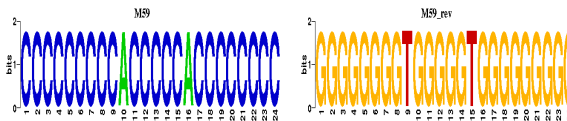
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGCGGGGCTGGGGGGGGGGG -----GGGNGGGGGGN	
KROX_M00982	4.4564e-10	GGGGGGCGGGGCTGGGGGGGGGGG --GNNGNGGGGGCGG-----	
GC_M00255	2.7312e-08	GGGGGGCGGGGCTGGGGGGGGGGG -NNGGGCGGGGCNN-----	
Sp1_M00931	4.0246e-08	CCCCCCCCCCCCAGCCCCGCCCCCC -----NCCCCGCC-----	
Sp1_M00933	6.7910e-08	CCCCCCCCCCCCAGCCCCGCCCCCC -----CCCKCCCCN-----	
Alfin1_M00479	7.0358e-08	CCCCCCCCCCCCAGCCCCGCCCCCC -----MNNCCCCACNYNYN	
UF1H3BETA_M01068	8.1295e-08	CCCCCCCCCCCCAGCCCCGCCCCCC -----GCCCTCCCCRC	
Sp1_M00196	2.2522e-07	CCCCCCCCCCCCAGCCCCGCCCCCC -----NNCCCCGCCCN-----	
MAZR_M00491	4.5097e-07	--GGGGGGCGGGGCTGGGGGGGGGGG-- SG-----SGGGGGGGMNN	
ABI4_M00958	1.0211e-05	GGGGGGCGGGGCTGGGGGGGGGGG ---GGCGGTGCN-----	

M43



<i>Name</i>	<i>E value</i>	<i>forward</i> <i>reverse compliment</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	1.4322e-14		GGGGGGGGGGCGGGGCCGGGGGGG -----GNNNGGGGGGCG-----	
ZNF219_M01122	4.0523e-13		GGGGGGGGGGCGGGGCCGGGGGGG GGGNGGGGGGN-----	
MAZR_M00491	1.9170e-09		GGGGGGGGGGCGGGGCCGGGGGGG -SGGGGGGGMNN-----	
UF1H3BETA_M01068	6.2385e-09		GGGGGGGGGGCGGGGCCGGGGGGG ---GYGGGGGAGGGGC-----	
GC_M00255	2.7312e-08		GGGGGGGGGGCGGGGCCGGGGGGG -----NNGGGCGGGGCNN-----	
Sp1_M00931	4.0246e-08		CCCCCCCCGCCCCGCCCCCCCCC -----NCCCCGCC-----	
Sp1_M00933	6.7910e-08		CCCCCCCCGCCCCGCCCCCCCCC -----CCCKCCCCN-----	
Alfin1_M00479	7.0358e-08		CCCCCCCCGCCCCGCCCCCCCCC -----MNNCCCCACNYNYN-----	
Sp1_M00196	2.2522e-07		CCCCCCCCGCCCCGCCCCCCCCC -----NNCCCCGCCCN-----	
AP-2_M00189	7.1923e-06		GGGGGGGGGGCGGGGCCGGGGGGG -----CGCCNGSGGN-----	

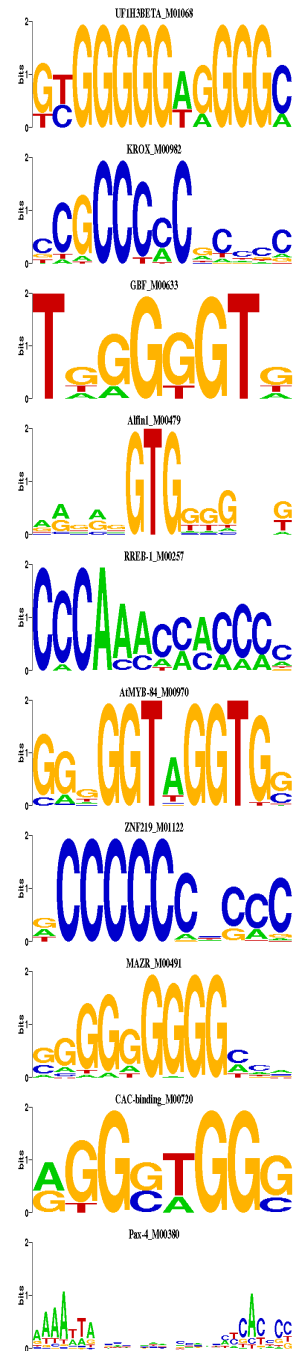
M59



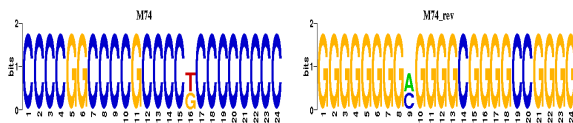
forward

reverse compliment

Name	E value	Alignment
UF1H3BETA_M01068	3.1483e-12	CCCCCCCCCACCACCCCCCCCCC -----GCCCTCCCCRC-----
KROX_M00982	1.4726e-11	GGGGGGGTGGGGGTGGGGGGGG -----GNNGNNGGGGGCGG-----
GBF_M00633	2.1865e-09	CCCCCCCCCACCACCCCCCCCCC -----NACCCNA-----
Alfin1_M00479	2.4775e-09	CCCCCCCCCACCACCCCCCCCCC -----MNNCCCCACNYNYN---
RREB-1_M00257	3.0037e-08	GGGGGGGTGGGGGTGGGGGGGG GGGGTGGTTTGGG-----
AtMYB-84_M00970	8.1633e-08	CCCCCCCCCACCACCCCCCCCCC ---SCACCTACCNC-----
ZNF219_M01122	8.2364e-08	GGGGGGGTGGGGGTGGGGGGGG -----GGNGGGGGGN---
MAZR_M00491	4.5097e-07	GGGGGGGTGGGGGTGGGGGGGG--- -----SGGGGGGGGMNN
CAC-binding_M00720	1.8002e-06	GGGGGGGTGGGGGTGGGGGGGG ----RGGSTGGG-----
Pax-4_M00380	1.1261e-05	-GGGGGGGTGGGGGTGGGGGGGG--- NGNGTGNNNNNNNNNNNNNNNTAWTTN

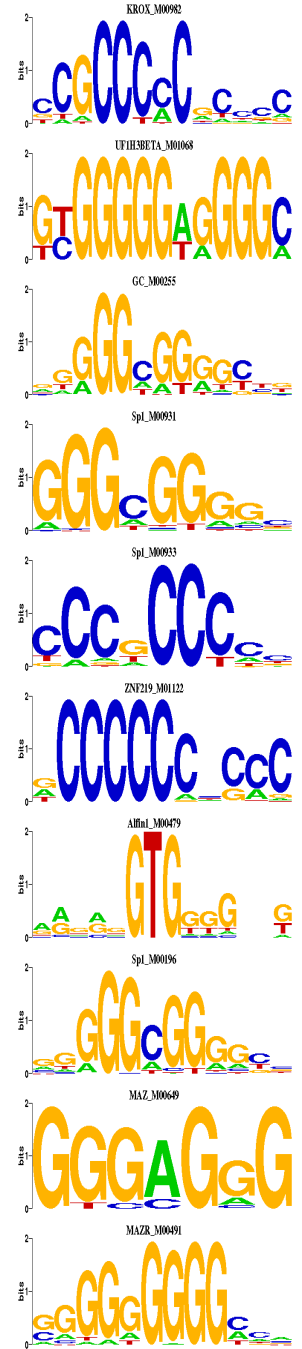


M74

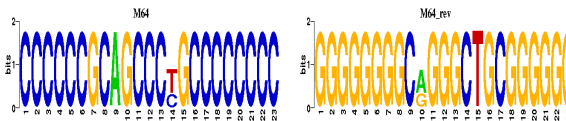


forward *reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
KROX_M00982	1.4322e-14	GGGGGGGGMGGGGCGGGGCCGGGG -----GNNNGGGGGCGG--
UF1H3BETA_M01068	1.1028e-11	GGGGGGGGMGGGGCGGGGCCGGGG -GYGGGGGAGGGGC-----
GC_M00255	2.7312e-08	GGGGGGGGMGGGGCGGGGCCGGGG -----NNGGGCGGGGCNN--
Sp1_M00931	4.0246e-08	CCCCGGCCCCGCCCKCCCCCCCC ----NCCCCGCC-----
Sp1_M00933	6.7910e-08	CCCCGGCCCCGCCCKCCCCCCCC -----CCCKCCCN-----
ZNF219_M01122	1.2630e-07	GGGGGGGGMGGGGCGGGGCCGGGG ---GGNNGGGGGN-----
Alfin1_M00479	1.8056e-07	CCCCGGCCCCGCCCKCCCCCCCC ---MNNCCCCACNYNYN-----
Sp1_M00196	2.2522e-07	CCCCGGCCCCGCCCKCCCCCCCC ----NNCCCCGCCCN-----
MAZ_M00649	2.3161e-07	CCCCGGCCCCGCCCKCCCCCCCC -----CCCTCC-----
MAZR_M00491	4.4399e-07	CCCCGGCCCCGCCCKCCCCCCCC- -----NNKCCCCCCCCS

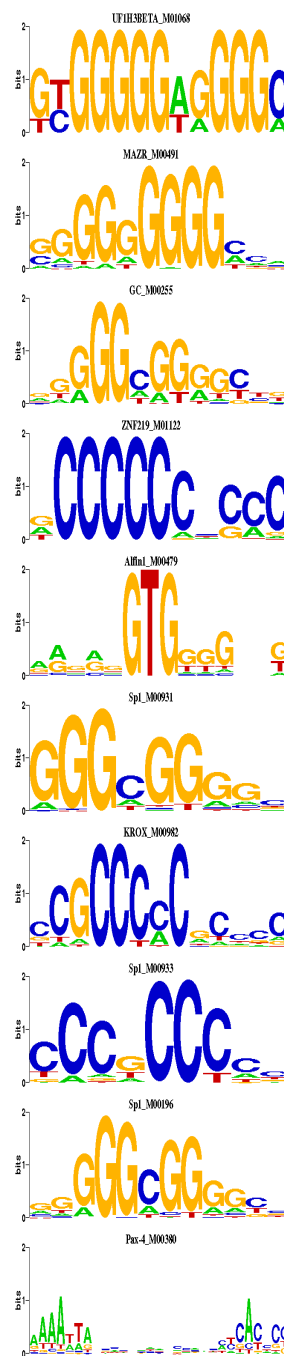


M64

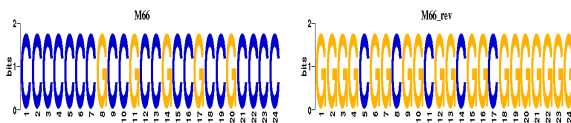


forward *reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	9.5264e-08	CCCCCGCAGCCCTGCCCCCCCC -----GCCCTCCCCRC--
MAZR_M00491	3.6277e-07	-GGGGGGGGCAGGGCTGCGGGGGG SGGGGGGGGMNN-----
GC_M00255	6.5874e-07	CCCCCGCAGCCCTGCCCCCCCC -----NNGCCCCGCCNN--
ZNF219_M01122	1.4024e-06	--GGGGGGGGCAGGGCTGCGGGGGG GGNGGGGGGN-----
Alfin1_M00479	3.7032e-06	CCCCCGCAGCCCTGCCCCCCCC -----MNNCCCCACNYNYN--
Sp1_M00931	4.4969e-06	CCCCCGCAGCCCTGCCCCCCCC -----NCCCCGCC-----
KROX_M00982	7.2467e-06	--GGGGGGGGCAGGGCTGCGGGGGG GNNGNGGGGGCG-----
Sp1_M00933	7.7180e-06	CCCCCGCAGCCCTGCCCCCCCC -----CCCKCCCN----
Sp1_M00196	1.1046e-05	CCCCCGCAGCCCTGCCCCCCCC -----NNCCCCGCCCN----
Pax-4_M00380	1.6231e-05	-----CCCCCGCAGCCCTGCCCCCCCC NAAAWTANNNNNNNNNNNNNNNNNNCNCN

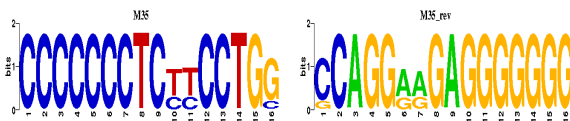





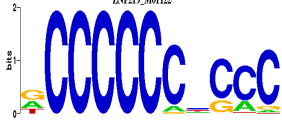




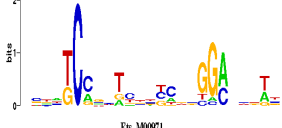

M66



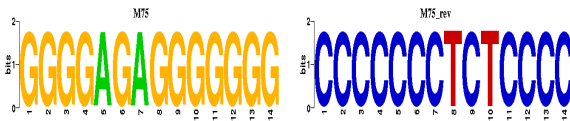
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00171	7.7716e-16	GGGGCGGCGGCGGCGGCGGGGGGG ---NMNGCNRCRGRGCG-----	
KROX_M00982	2.0095e-14	GGGGCGGCGGCGGCGGCGGGGGGG GNNNGGGGGGCGG-----	
Adf-1_M00923	2.4580e-11	--GGGGCGGCGGCGGCGGCGGGGGGG CRMNKKCAGCGRCKGCRGCS-----	
ZNF219_M01122	1.7100e-07	-CCCCCGCCGCCGCCGCCGCC NCCCCCNCCC-----	
ERF2_M01057	1.1606e-06	GGGGCGGCGGCGGCGGCGGGGGGG --GGCGGC-----	
AP-2_M00189	6.4669e-06	CCCCCGCCGCCGCCGCCGCC ---NCCSCNGGCG-----	
c-Myb_M00004	8.4952e-06	GGGGCGGCGGCGGCGGCGGGGGGG -----NNNNNGRCNGTTGNNNG-	
UF1H3BETA_M01068	1.3724e-05	-CCCCCGCCGCCGCCGCCGCC GCCCTCCCCRC-----	
Muscle_M00323	2.9062e-05	GGGGCGGCGGCGGCGGCGGGGGGG---- -----KSCNSCTGNRTGGNGNCNNN	
Sp1_M00931	3.2428e-05	CCCCCGCCGCCGCCGCCGCC --NCCCCGCC-----	

M35



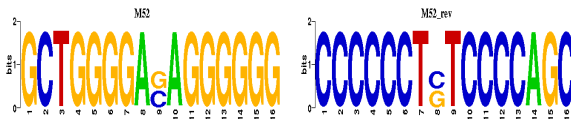
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
NERF1a_M00531	9.1411e-08	CCCCCCTCTTCCTGG- SNNASNYRCTTCCTGNY	
Nrf-2_M00108	7.1166e-07	CCCCCCTCTTCCTGG -----SNCTTCGG-	
UF1H3BETA_M01068	7.5139e-06	CCAGGAAGAGGGGGGG -GYGGGGGAGGGGC--	
ZNF219_M01122	7.6329e-06	CCAGGAAGAGGGGGGG -----GGGNGGGGGGN	
Tel-2_M00678	2.7165e-05	CCAGGAAGAGGGGGGG -CAGGAAGTA-----	
TFII-I_M00706	2.7241e-05	CCCCCCTCTTCCTGG -CCTMCNTC-----	
MAZR_M00491	3.1543e-05	CCAGGAAGAGGGGGGG--- -----SGGGGGGGGMNN	
Alfin1_M00479	4.0038e-05	---CCCCCCTCTTCCTGG MNNCCCCACNYNYN-----	
FACB_M00390	9.7586e-05	-----CCAGGAAGAGGGGGGG-- NWNNTCCNNNNNNNNNNKGANNNN	
Ets_M00971	1.3220e-04	CCAGGAAGAGGGGGGG -NAGGAAG-----	






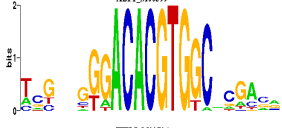




M75



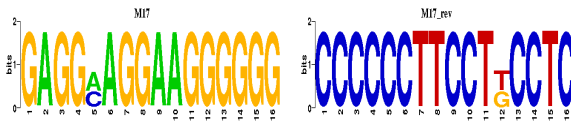
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	1.0695e-07	GGGGAGAGGGGGGG GNNNGGGGGGCGG-	
ZNF219_M01122	1.6381e-07	GGGGAGAGGGGGGG -GGNGGGGGGN--	
UF1H3BETA_M01068	2.9811e-07	CCCCCCTCTCCCC- --GCCCTCCCCRC	
AtMYB-84_M00970	4.6278e-06	GGGGAGAGGGGGGG GGNGGTAGGTGS--	
MAZR_M00491	1.2100e-05	GGGGAGAGGGGGGG--- -----SGGGGGGGMNN	
TFII-I_M00706	1.4321e-05	CCCCCCTCTCCCC -CCTMCNTC-----	
MAZ_M00649	2.7274e-05	CCCCCCTCTCCCC -----CCCTCC-	
Alfin1_M00479	3.5009e-05	---CCCCCCTCTCCCC MNNCCCACNYNYN---	
VDR_M00444	5.2256e-05	--CCCCCCTCTCCCC TSWCCYYNYTNMCC--	
Pax-4_M00380	1.6867e-04	GGGGAGAGGGGGGG----- NGNGTGNNNNNNNNNNNNNNNTAWTTN	

M52

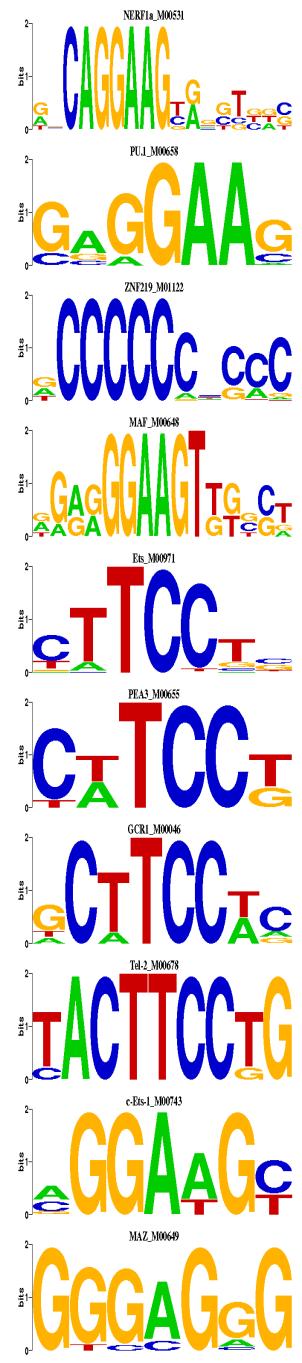


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.4234e-06	GCTGGGGASAGGGGGG- -----GGNGGGGGGN	
KROX_M00982	4.3431e-06	GCTGGGGASAGGGGGG ---GNNNGGGGGCGG	
UF1H3BETA_M01068	1.0379e-05	CCCCCTSTCCCCAGC -GCCCTCCCCRC--	
VDR_M00444	3.8621e-05	---CCCCCTSTCCCCAGC TSWCCYNYTNMCC-----	
AtMYB-84_M00970	4.4398e-05	GCTGGGGASAGGGGGG ---GGNGGTAGGTGS-	
ABF1_M00399	1.2596e-04	-GCTGGGGASAGGGGGG----- WNNNNGGACACGTGCCNNGANN	
TFII-I_M00706	2.5499e-04	CCCCCTSTCCCCAGC CCTMCNTC-----	
STRE_M00308	3.6824e-04	CCCCCTSTCCCCAGC -NCCCCT-----	
CP2_M00072	4.3187e-04	GCTGGGGASAGGGGGG -CTGGKTNNG-----	
MAZ_M00649	4.8752e-04	CCCCCTSTCCCCAGC -----CCCTCC-----	

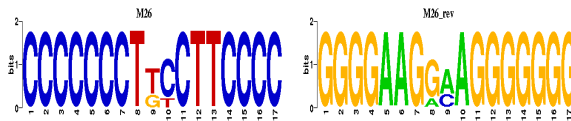
M17



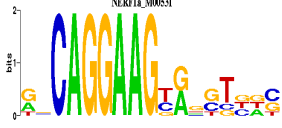









	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
NERF1a_M00531	3.6562e-08	---CCCCCCTTCCTKCCTC SNNASNYRCTTCCTGNY--
PU.1_M00658	3.4833e-07	GAGGMAGGAAGGGGGG GAGGAAG-----
ZNF219_M01122	9.1326e-07	GAGGMAGGAAGGGGGG- -----GGGNGGGGGGN
MAF_M00648	4.7037e-06	-CCCCCCTTCCTKCCTC NSNMMACTTCCYYCN--
Ets_M00971	2.2872e-05	GAGGMAGGAAGGGGGG ----NAGGAAG-----
PEA3_M00655	3.7874e-05	GAGGMAGGAAGGGGGG ----MGGAWG-----
GCR1_M00046	5.9235e-05	GAGGMAGGAAGGGGGG GWGGAAGC-----
Tel-2_M00678	1.1155e-04	GAGGMAGGAAGGGGGG ----CAGGAAGTA---
c-Ets-1_M00743	1.1460e-04	CCCCCCTTCCTKCCTC ----GCTTCK-----
MAZ_M00649	1.9478e-04	CCCCCCTTCCTKCCTC ---CCCTCC-----

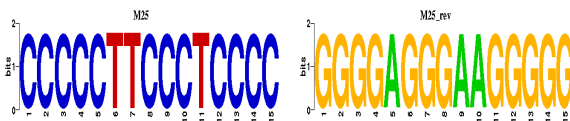


M26



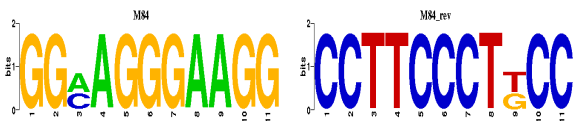
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAF_M00648	1.7844e-06	CCCCCCTTCCTTCCCC NSNMMACTTCCYYCN--	
ZNF219_M01122	1.9739e-06	GGGGAAGGAAGGGGGGG -----GGGNGGGGGGN	
NERF1a_M00531	1.2536e-05	--CCCCCCTTCCTTCCCC SNNASNYRCTTCTGNY--	
PU.1_M00658	5.6818e-05	CCCCCCTTCCTTCCCC -----CTTCTC	
Ets_M00971	9.1807e-05	GGGGAAGGAAGGGGGGG ----NAGGAAG-----	
PEA3_M00655	1.8105e-04	GGGGAAGGAAGGGGGGG ----MGGAWG-----	
MAZ_M00649	2.3221e-04	GGGGAAGGAAGGGGGGG -GGGAGG-----	
c-Ets-1_M00743	4.0908e-04	CCCCCCTTCCTTCCCC ----GCTTCK-----	
CAC-binding_M00720	4.3827e-04	CCCCCCTTCCTTCCCC CCCASCCY-----	
STRE_M00308	4.9418e-04	CCCCCCTTCCTTCCCC --NCCCT-----	

M25



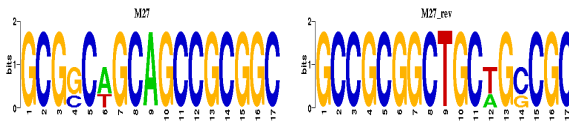
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	6.3974e-09	CCCCCTTCCCTCCCC -----CCCTCCC-	
MAF_M00648	7.2752e-08	--CCCCCTTCCCTCCCC NSNMMACTTCCYYCN--	
BLIMP1_M01066	1.5125e-07	CCCCCTTCCCTCCCC -YMCITTCMCTTYC-	
ZNF219_M01122	4.7390e-07	GGGGAGGGAAGGGG- -----GGNGGGGGGN	
AtMYB-84_M00970	2.8461e-06	CCCCCTTCCCTCCCC SCACCTACCNC---	
Sp1_M00933	8.5818e-06	CCCCCTTCCCTCCCC- -----CCCKCCCN	
TFII-I_M00706	2.1762e-05	CCCCCTTCCCTCCCC ----CCTMCNTC---	
UF1H3BETA_M01068	2.2804e-05	CCCCCTTCCCTCCCC -GCCCCTCCCCRC-	
CAC-binding_M00720	7.3025e-05	GGGGAGGGAAGGGGG RGGSTGGG-----	
VDR_M00444	1.1695e-04	---CCCCCTTCCCTCCCC TSWCCYYNYTNMCC----	

M84



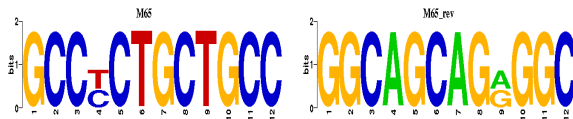
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BLIMP1_M01066	2.1643e-09	--CCTTCCCTKCC YMCTTTCMCTTYC	
MAZ_M00649	3.0625e-05	CCTTCCCTKCC CCCTCC-----	
MAF_M00648	6.3193e-04	GGMAGGGAAGG----- -NGRRGGAAGTKKNSN	
TFII-I_M00706	1.0950e-03	CCTTCCCTKCC -CCTMCNTC--	
PEA3_M00655	1.3569e-03	GGMAGGGAAGG ----MGGAWG-	
PU.1_M00658	1.3753e-03	CCTTCCCTKCC -CTTCCTC---	
Ets_M00971	1.3799e-03	GGMAGGGAAGG ---NAGGAAG-	
c-Ets-1_M00743	1.4071e-03	CCTTCCCTKCC GCTTCCK----	
E2A_M00973	1.7470e-03	GGMAGGGAAGG RNCAGNT----	
KROX_M00982	1.8278e-03	--GGMAGGGAAGG GNNGNGGGGGCGG	

M27



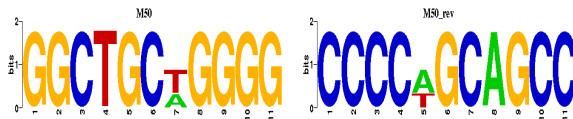
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00171	5.9252e-10	GCCGCGGCTGCTGCCGC --CGCYGCGYNGCNKN	
HEN1_M00058	4.8679e-08	-GCGGCAGCAGCCGCGGC--- NNNGGNCGCAGCTGCGNCCNN	
Adf-1_M00923	5.0827e-07	--GCGGCAGCAGCCGCGGC- CRMNKKCAGCGRCKGCRGCS	
PDR3_M00752	2.7603e-05	GCGGCAGCAGCCGCGGC -----TCCGCGG-	
HEN1_M00068	2.8029e-05	-GCGGCAGCAGCCGCGGC--- NNNGGNCNCAGCTGNGNCCNN	
LMAF_M01139	1.3107e-04	GCCGCGGCTGCTGCCGC -----CTGCTGAS--	
SZF1-1_M01109	2.2884e-04	-GCGGCAGCAGCCGCGGC CAGGGTAWCAGCNG----	
BRK_M01096	5.8382e-04	GCCGCGGCTGCTGCCGC -----NTGGCG-	
ERF2_M01057	5.9203e-04	GCGGCAGCAGCCGCGGC -----GGCGGC	
E12_M00693	6.6734e-04	GCGGCAGCAGCCGCGGC -NNNCACCTGY-----	

M65



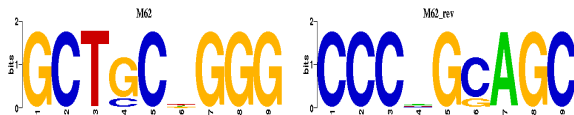
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00171	1.5727e-06	--GGCAGCAGRGGC-- NMNGCNRCRGCRGCG	
LMAF_M01139	2.6679e-06	GCCYCTGCTGCC ----CTGCTGAS	
HEB_M00698	8.2531e-06	GCCYCTGCTGCC ---CCWGCTG--	
Adf-1_M00923	8.2675e-05	----GGCAGCAGRGGC---- CRMNKKCAGCGRCKGCRGCS	
HEN1_M00058	9.4328e-05	-----GGCAGCAGRGGC--- NNGGNCGCAGCTGCGNCCNN	
TAL1_M00993	1.6951e-04	GGCAGCAGRGGC RNCAGNTGG---	
HEN1_M00068	2.1033e-04	---GCCYCTGCTGCC----- NNGGNCNCAGCTGNGNCCNNN	
AP-4_M00927	4.0313e-04	GGCAGCAGRGGC -RCAGCTGN---	
LBP-1_M00644	7.2570e-04	GGCAGCAGRGGC -SCAGCN-----	
myogenin_M00712	8.8182e-04	GGCAGCAGRGGC -NCAGSTG----	

M50



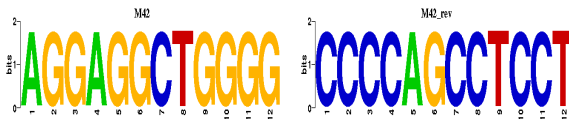
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	2.2291e-05	GGCTGCTGGGG RNCAGNTGG--	
HEB_M00698	2.2851e-05	GGCTGCTGGGG --CAGCWGG--	
LMAF_M01139	8.6584e-05	GGCTGCTGGGG --CTGCTGAS-	
c-Myb_M00004	4.0284e-04	-----GGCTGCTGGGG- NNNNNGRCNGTTGNNNG	
LBP-1_M00644	5.1225e-04	CCCCAGCAGCC -----SCAGCN	
AP-4_M00927	8.7100e-04	GGCTGCTGGGG -RCAGCTGN--	
CAC-binding_M00720	1.1357e-03	GGCTGCTGGGG --RGGSTGGG-	
Adf-1_M00171	1.1685e-03	--GGCTGCTGGGG-- NMNGCNRCRGRGCG	
ERF2_M01057	1.2168e-03	GGCTGCTGGGG GGCGGC-----	
SREBP-1_M00749	1.3431e-03	GGCTGCTGGGG- -----TGSSGT	

M62



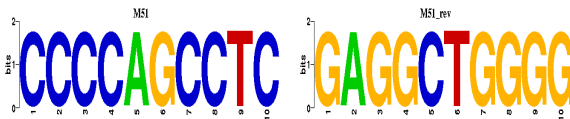
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	8.4214e-06	GCTGCNNGG -CTGCTGAS	
TAL1_M00993	1.0520e-05	-GCTGCNNGG RNCAGNTGG-	
HEB_M00698	1.6323e-05	GCTGCNNGG -CAGCWGG-	
HEN1_M00068	3.3984e-05	-----GCTGCNNGG----- NNNGGNCNCAGCTGNGNCCNN	
AP-4_M00927	1.1750e-04	GCTGCNNGG RCAGCTGN-	
LBP-1_M00644	2.8193e-04	CCCNGCAGC- ----SCAGCN	
myogenin_M00712	2.9755e-04	GCTGCNNGG NCAGSTG--	
LUN-1_M00480	3.0580e-04	CCCNGCAGC----- CCCAGCTACTTTGGGA	
CAC-binding_M00720	4.0266e-04	CCCNGCAGC CCCASCCY-	
AP-4_M00176	4.2589e-04	CCCNGCAGC NNCAGCTGN	

M42



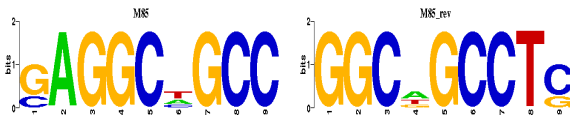
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	6.6711e-08	CCCCAGCCTCCT -CCCASCCY---	
KROX_M00982	9.6931e-05	---CCCCAGCCTCCT CCGCCCCCNCNNC--	
LUN-1_M00480	3.6414e-04	-----AGGAGGCTGGGG TCCCAAAGTAGCTGGG-	
c-Myb_M00004	3.7032e-04	---AGGAGGCTGGGG- NNNNNGRCNGTTGNNG	
SMAD4_M00733	4.1270e-04	--CCCCAGCCTCCT NSRKNCAGMCANCY	
Dde_M00304	5.2866e-04	AGGAGGCTGGGG ----GGCTGAGC	
SREBP-1_M00749	6.9160e-04	AGGAGGCTGGGG- -----TGGSGT	
AP-2_M00915	7.7986e-04	AGGAGGCTGGGG--- ---NGCCNGNGNNG	
Sp1_M00196	9.1159e-04	-CCCCAGCCTCCT NNCCCCGCCCN-	
c-Ets-1_M00743	1.0749e-03	CCCCAGCCTCCT -----GCTTCK	









M51



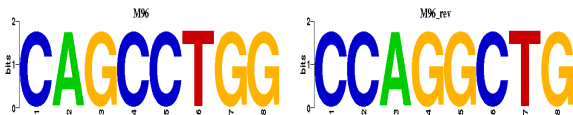
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	1.1502e-08	CCCCAGCCTC -CCCASCCY-	
KROX_M00982	5.7662e-06	---CCCAGCCTC CCGCCCCNCNNC	
AP-2_M00915	9.8712e-05	GAGGCTGGGG--- -NGCCNGNGGNNN	
Sp1_M00196	1.1945e-04	-CCCAGCCTC- NNCCCCGCCCN	
UF1H3BETA_M01068	1.6643e-04	-CCCAGCCTC-- GCCCTCCCCRC	
Dde_M00304	1.7995e-04	GAGGCTGGGG --GGCTGAGC	
Bel-1_M00312	2.0753e-04	-----GAGGCTGGGG----- ANCTGCTGAYRCWGMGNKNACTNYCNM	
SREBP-1_M00749	3.1581e-04	GAGGCTGGGG- -----TGGS GT	
CACCC-binding_M00721	3.3945e-04	CCCCAGCCTC----- CCNCACCCWNNKGN T	
GC_M00255	3.6487e-04	--CCCAGCCTC- NNGCCCCGCCCN	

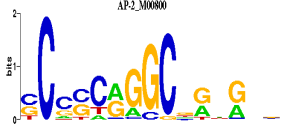


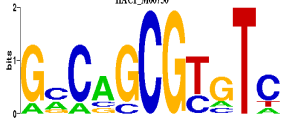
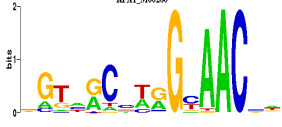





M85



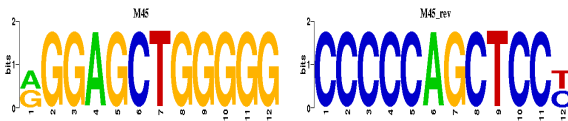
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
SMAD4_M00733	1.7065e-05	---GGCNGCCTC-- NSRKNCAGMCANCY	
ERF2_M01057	9.5285e-05	GGCNGCCTC GGCGGC---	
GCR1_M00046	9.7768e-05	GAGGCNGCC GWGGAAGC-	
GCR1_M00337	4.3435e-04	----GAGGCNGCC AAWAGTGGAAAGCC	
LBP-1_M00644	9.9531e-04	GGCNGCCTC -SCAGCN--	
PU.1_M00658	1.3196e-03	GAGGCNGCC GAGGAAG--	
CAC-binding_M00720	1.6788e-03	GGCNGCCTC CCCASCCY-	
SMAD3_M00701	1.8554e-03	GAGGCNGCC -AGNCAGAC	
c-Ets-1_M00743	1.8656e-03	GGCNGCCTC -GCTTCK-	
bZIP910_M00357	2.7245e-03	GAGGCNGCC-- SRIGCTGACGT	

M96



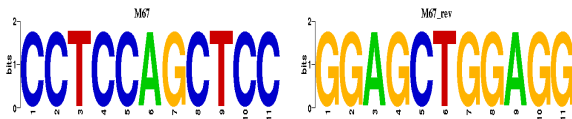
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2_M00800	4.9388e-05	---CCAGGCTG--- SCSSCRGGCNRNRNN	
AP-2_M00915	2.2842e-04	CAGCCTGG----- -NGCCNGNGGNNN	
CAC-binding_M00720	5.0895e-04	--CAGCCTGG CCCASCCY--	
HAC1_M00730	6.2849e-04	-CCAGGCTG-- GACACGCTGKC	
RFX1_M00280	6.2946e-04	-----CCAGGCTG-- NNGTTRCYWNGYNACN	
Dde_M00304	9.3263e-04	CCAGGCTG--- ---GGCTGAGC	
PacC_M00247	2.5251e-03	----CAGCCTGG---- NNNNNNKCYTGCCNGN	
AP-2alphaA_M01047	2.5748e-03	-CAGCCTGG----- ANMGCCTNAGGCKN	
CACCC-binding_M00721	4.8110e-03	---CAGCCTGG---- CCNCACCCWNNKGNT	
AR_M00481	5.2541e-03	----CAGCCTGG-- AGNACANNNTGTWC	

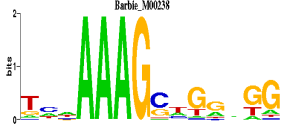






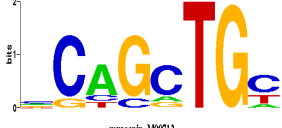


M45



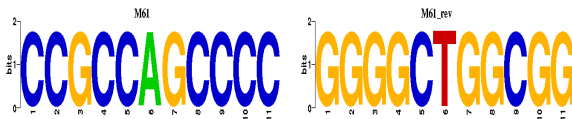
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	2.4632e-07	RGGAGCTGGGGG RNCAGNTGG---	
LUN-1_M00480	8.0275e-07	-----RGGAGCTGGGGG TCCCAAAGTAGCTGGG--	
Barbie_M00238	6.9223e-06	CCCCCAGCTCCY-- CMNNCNSCTTTNNN	
Alfin1_M00479	1.7336e-05	--CCCCAGCTCCY MNNCCCCACNYNYN	
HEB_M00698	1.8529e-05	RGGAGCTGGGGG --CAGCWGG---	
LBP-1_M00644	3.5602e-05	CCCCCAGCTCCY ---SCAGCN---	
c-Myb_M00004	5.3216e-05	-----RGGAGCTGGGGG NNNNNGRCNGTTGNNNG	
KROX_M00982	5.9135e-05	--CCCCAGCTCCY CCGCCCCNCNNC-	
GBF_M00633	9.8374e-05	--CCCCAGCTCCY NACCCNA-----	
MOVO-B_M01104	4.6215e-04	CCCCCAGCTCCY CCCCCN-----	

M67

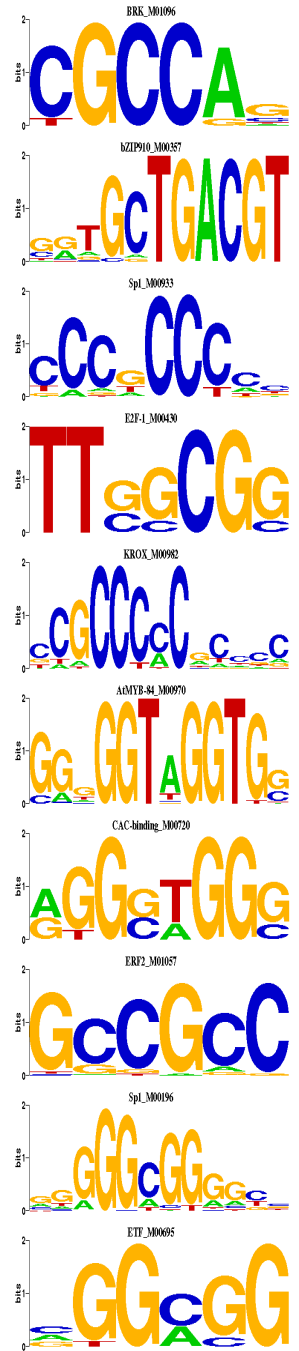


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Barbie_M00238	4.7732e-08	CCTCCAGCTCC--- CMNNCNSCTTTNNN	
HEB_M00698	1.0794e-05	GGAGCTGGAGG -CAGCWGG---	
LBP-1_M00644	2.3346e-05	CCTCCAGCTCC ---SCAGCN--	
TAL1_M00993	5.3345e-05	-GGAGCTGGAGG RNCAGNTGG---	
Pax-6_M00979	6.5510e-05	--CCTCCAGCTCC KAGTTCAGGTCA	
ZID_M00085	1.7192e-04	GGAGCTGGAGG- GRTGATRGAGCC	
AP-4_M00176	3.0031e-04	GGAGCTGGAGG NCAGCTGNN--	
AP-4_M00927	4.8765e-04	CCTCCAGCTCC ---NCAGCTGY	
myogenin_M00712	5.8442e-04	CCTCCAGCTCC ----CASCTGN	
ROM_M00700	6.5743e-04	GGAGCTGGAGG TGASGTGG---	

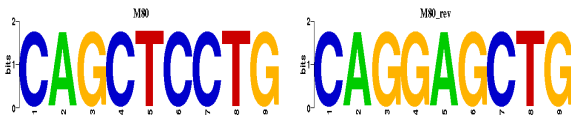
M61



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
BRK_M01096	6.5116e-08	GGGGCTGGCGG ----NTGGCG-
bZIP910_M00357	3.7160e-06	CCGCCAGCCCC ACGTCAGCAYS
Sp1_M00933	5.8166e-06	-GGGGCTGGCGG NNGGGMGGG---
E2F-1_M00430	1.6431e-05	CCGCCAGCCCC CCGCSAA----
KROX_M00982	2.3075e-05	--CCGCCAGCCCC CCGCCCCNCNNC
AtMYB-84_M00970	3.0843e-05	-GGGGCTGGCGG GGNGGTAGGTGS
CAC-binding_M00720	9.1208e-05	GGGGCTGGCGG -RGGSTGGG--
ERF2_M01057	1.3225e-04	GGGGCTGGCGG- -----GGCGGC
Sp1_M00196	1.9535e-04	CCGCCAGCCCC- NNCCCCGCCCN
ETF_M00695	4.1418e-04	CCGCCAGCCCC CCGCCN-----

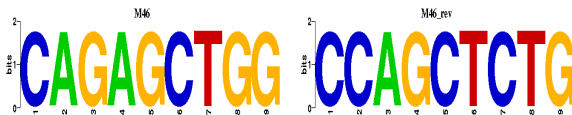


M80



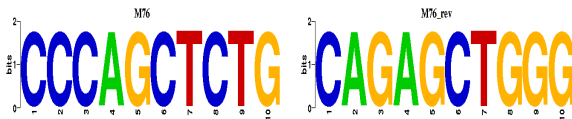
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	2.9193e-05	CAGGAGCTG- -RNCAGNTGG	
LUN-1_M00480	4.0538e-05	--CAGCTCCTG----- CCCAGCTACTTTGGGA	
MyoD_M00001	7.2175e-05	CAGCTCCTG-- NRNCACCTGNN	
LBP-1_M00644	7.8188e-05	-CAGCTCCTG SCAGCN----	
AP-4_M00927	1.2869e-04	-CAGCTCCTG NCAGCTGY--	
E12_M00693	1.9339e-04	CAGCTCCTG- NNNCACCTGY	
myogenin_M00712	2.0052e-04	CAGCTCCTG CASCTGN--	
AP-4_M00005	3.5894e-04	----CAGCTCCTG---- NNNNCAGCTGNNGNCNK	
Ttk_M00009	3.8176e-04	CAGCTCCTG- ---GTCCTGC	
NRSE_M00325	5.3944e-04	-----CAGGAGCTG- GGCRCTCTCCGNGGTGCTGA	

M46



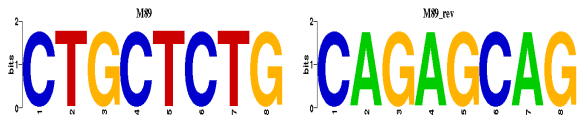
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	2.7258e-06	CAGAGCTGG --CAGCWGG	
LBP-1_M00644	7.6282e-06	CCAGCTCTG SCAGCN---	
AP-4_M00005	1.5184e-05	-----CAGAGCTGG---- MNGNCNNCAGCTGNNNN	
AP-4_M00176	1.7301e-05	-CCAGCTCTG NNCAGCTGN-	
Sry-beta_M00666	3.5662e-05	CAGAGCTGG -AGWGATGC	
Eve_M00629	5.9042e-05	-CAGAGCTGG GCNGNSSWN-	
Barbie_M00238	9.8881e-05	---CCAGCTCTG-- CMNNCNSCTTTNNN	
ROM_M00700	1.7947e-04	CAGAGCTGG -TGASGTGG	
TAL1_M00993	3.4491e-04	CAGAGCTGG RNCAGNTGG	
Pax-6_M00979	6.1778e-04	-----CCAGCTCTG KAGTTCCAGGTCA-	











M76



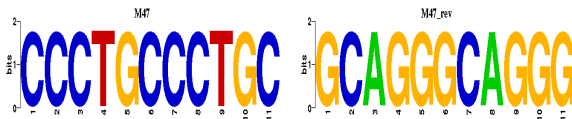
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	5.7899e-06	CAGAGCTGGG --CAGCWGG-	
LBP-1_M00644	1.3838e-05	CCCAGCTCTG -SCAGCN---	
LUN-1_M00480	3.2321e-05	-----CAGAGCTGGG TCCCAAAGTAGCTGGG	
Alfin1_M00479	4.0276e-05	----CCCAGCTCTG MNNCCCCACNYYN	
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-	

M89

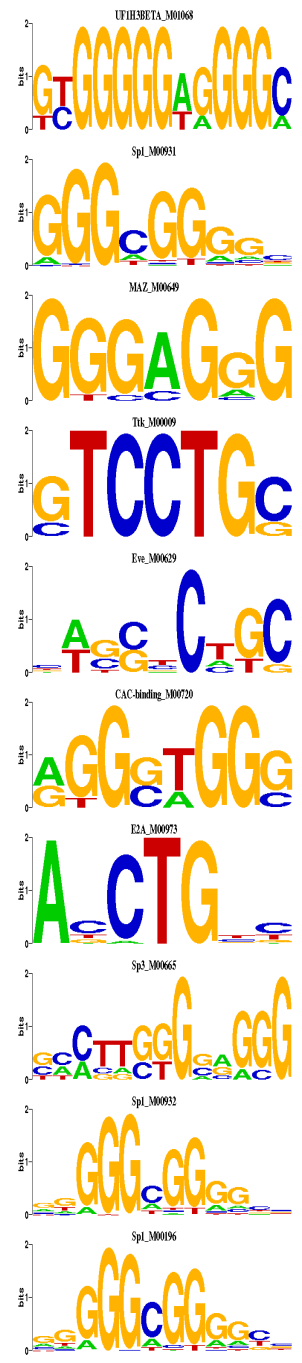


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00167	5.8941e-06	---CTGCTCTG--- NTTCNNTTCNNTTC	
Eve_M00629	6.3835e-05	-CAGAGCAG GCNGNSSWN	
LMAF_M01139	7.0501e-04	CTGCTCTG CTGCTGAS	
XPF-1_M00684	8.2279e-04	-CTGCTCTG GKTSNYCNG	
AR_M00962	1.0230e-03	--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	

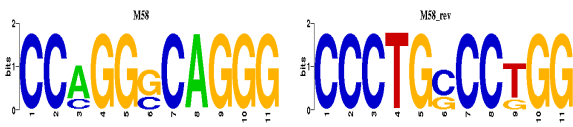
M47


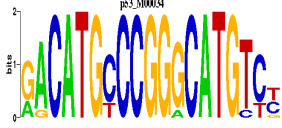



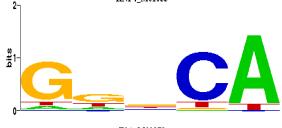


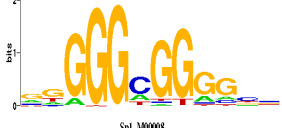



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	1.8017e-06	--CCCTGCCCTGC GCCCTCCCCRC
Sp1_M00931	4.1693e-06	-CCCTGCCCTGC NCCCCGCC---
MAZ_M00649	1.7285e-05	CCCTGCCCTGC CCCTCCC----
Ttk_M00009	4.6649e-05	GCAGGGCAGGG GCAGGAC----
Eve_M00629	7.0528e-05	GCAGGGCAGGG GCNGNSSWN--
CAC-binding_M00720	9.1208e-05	GCAGGGCAGGG ---RGGSTGGG
E2A_M00973	1.0437e-04	GCAGGGCAGGG ----RNCAGNT
Sp3_M00665	1.6485e-04	CCCTGCCCTGC-- CCCYSCCAAGKS
Sp1_M00932	1.9160e-04	--CCCTGCCCTGC NNCCCCGCCNN-
Sp1_M00196	1.9216e-04	GCAGGGCAGGG-- -NGGGGCGGGNN

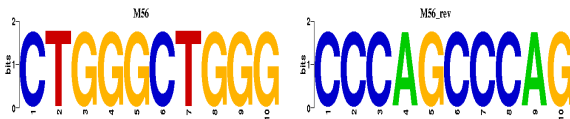


M58



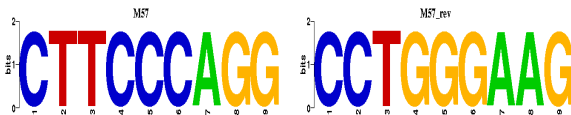
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp1_M00931	1.0049e-05	-CCCTGCCCTGG NCCCCGCC---	
p53_M00034	4.3297e-05	-----CCAGGGCAGGG-- GACATGCCCGGGCATGTCY	
MAZ_M00649	4.8744e-05	CCCTGCCCTGG CCCTCCC----	
Sp3_M00665	8.2624e-05	CCCTGCCCTGG-- CCCYSCCAAGKS	
CAC-binding_M00720	1.9881e-04	CCAGGGCAGGG ---RGGSTGGG	
HNF4_M01033	2.1271e-04	CCCTGCCCTGG ---TGNNC---	
E2A_M00973	2.6039e-04	CCAGGGCAGGG ----RNCAGNT	
Sp1_M00196	3.5526e-04	CCAGGGCAGGG-- -NGGGGCGGGNN	
Sp1_M00932	3.6468e-04	--CCCTGCCCTGG NCCCCGCCCCNN-	
Sp1_M00008	4.6463e-04	-CCCTGCCCTGG WCCCYGCCY---	

M56



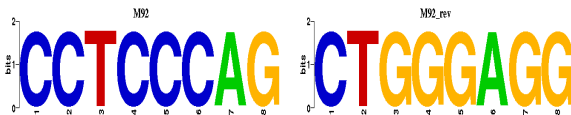
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	1.5114e-07	CTGGGCTGGG --RGGSTGGG	
Sp1_M00931	1.4496e-06	-CCCAGCCCAG NCCCCGCC--	
CP2_M00072	2.9254e-06	CTGGGCTGGG CTGGKTNNG	
Sp1_M00932	4.8380e-05	--CCCAGCCCAG NNCCCCGCCNN	
Sp1_M00196	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 WCCCYGCCY--	
RREB-1_M00257	4.7226e-04	CCCAGCCCAG--- CCCAAACCACCC	




M57



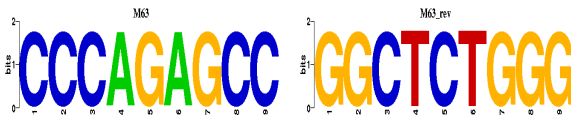
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
RBP-Jkappa_M01112	1.8597e-06	CTTCCCAGG- KTTCCCACGN	
Ik-3_M00088	7.9289e-06	---CTTCCCAGG GGTATTCCNRN	
RBP-Jkappa_M01111	6.7177e-05	CCTGGGAAG NGTGGGA--	
Lyf-1_M00141	1.0889e-04	CTTCCCAGG YCTCCCA--	
Olf-1_M00261	1.6496e-04	----CTTCCCAGG----- NCNANTCCCYGGGARNKGN	
EBF_M00977	2.1511e-04	---CCTGGGAAG TCCCYWGRGN--	
NF-kappaB_M00208	2.2873e-04	CCTGGGAAG---- --NGGAAARTCCC	
Ik-1_M00086	3.7089e-04	---CTTCCCAGG NNNATTCCCANN	
Su_H_M00234	4.2659e-04	--CTTCCCAGG- NGKTTCCCACRN	
PU.1_M00658	5.0834e-04	CTTCCCAGG CTTCTC--	

M92



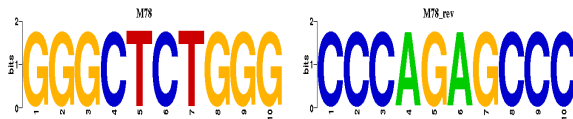
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Lyf-1_M00141	7.0228e-08	CCTCCCAG YCTCCCAA	
MAZ_M00649	2.1421e-07	-CCTCCCAG CCCTCCC--	
Tra-1_M01048	2.7695e-06	-CCTCCCAG ACCWCCC--	
TFII-I_M00706	1.1328e-05	CCTCCCAG CCTMCNTC	
GLI_M01037	1.5724e-05	---CCTCCCAG 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	


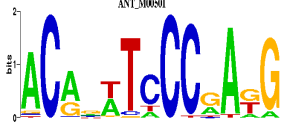







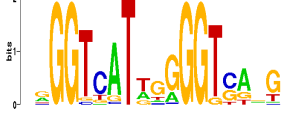
M63



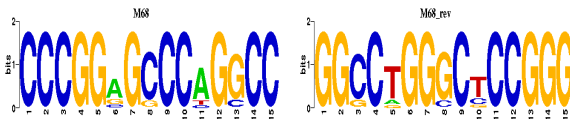
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LF-A1_M00646	5.5252e-05	CCCAGAGCC --YWGASCC	
ZID_M00085	1.7414e-03	GGCTCTGGG--- GGCTCYATCAYC	
NRSF_M00256	1.7424e-03	GGCTCTGGG----- GSYGCTGTCCGTGGTGCTGA	
Eve_M00629	2.0604e-03	CCCAGAGCC- -GCNGNSSWN	
STAT_M00777	2.0611e-03	-CCCAGAGCC-- TCNAGAANNNN	
CDC5_M00361	2.3480e-03	--CCCAGAGCC NSCGCTGAGS-	
Dde_M00304	3.4678e-03	CCCAGAGCC GGCTGAGC-	
HSF_M00641	3.8517e-03	---GGCTCTGGG GAARCYNCKNGA	
Olf-1_M00261	4.0343e-03	-----GGCTCTGGG----- NCMNNYTCCNRGGGANTNGN	
LUN-1_M00480	4.6075e-03	-CCCAGAGCC----- TCCCAAAGTAGCTGGG	



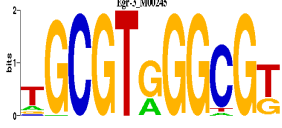



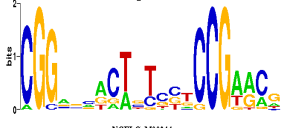



M78



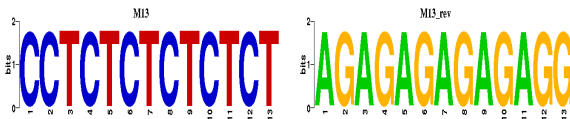
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LF-A1_M00646	1.0451e-04	CCCAGAGCCC --YWGASCC-	
ANT_M00501	1.2917e-03	----GGGCTCTGGG CMTYGGGAWNTGT-	
RREB-1_M00257	1.5050e-03	---GGGCTCTGGG GGGGTGGTTTGGG	
Eve_M00629	4.1172e-03	CCCAGAGCCC -GCNGNSSWN	
ZID_M00085	4.7338e-03	GGGCTCTGGG--- -GGCTCYATCAYC	
GAGA_M00723	4.7953e-03	--GGGCTCTGGG TYNCKCTCWS--	
CDC5_M00361	5.1556e-03	--CCCAGAGCCC NSCGCTGAGS--	
STAT_M00777	5.4837e-03	-CCCAGAGCCC- TCCNAGAANNNN	
ABI4_M00958	5.6773e-03	CCCAGAGCCC NGCACCGCCC	
PPARalpha-RXRalpha_M00518	5.7061e-03	CCCAGAGCCC----- -CNTSACCCCNATGACNN	




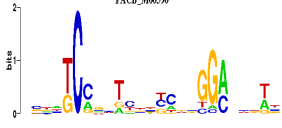

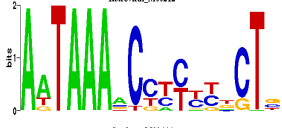



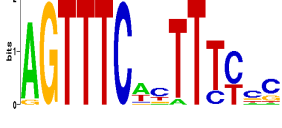
M68



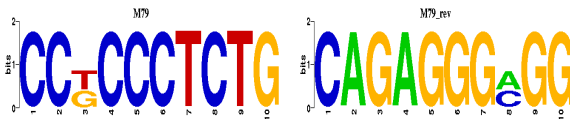
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2alpha_M00469	8.7962e-05	GGCCTGGGCTCCGGG -----SCNNNNGG	
GAL4_M00049	7.7889e-04	-----GGCCTGGGCTCCGGG STTCGGASNANWGTNNNCCGNN	
Egr-3_M00245	1.1072e-03	CCCGGAGCCCAGGCC ----ACGCCACGCA	
Egr-1_M00243	1.2219e-03	GGCCTGGGCTCCGGG TGCGTGGGCGK----	
CAC-binding_M00720	1.4505e-03	CCCGGAGCCCAGGCC -----CCCASCCY	
Egr-2_M00246	1.5698e-03	CCCGGAGCCCAGGCC ----MCGCCACGCA	
GAL4_M00198	1.7090e-03	-----GGCCTGGGCTCCGGG NGYTCGGNNNANAGNNNCCG--	
NGFI-C_M00244	1.7748e-03	GGCCTGGGCTCCGGG TGCGTGGGYGG----	
AP-2_M00915	1.8064e-03	GGCCTGGGCTCCGGG NGCCNGNGGNNN---	
STATx_M00223	1.8149e-03	-CCCGGAGCCCAGGCC TCCCRKAA-----	









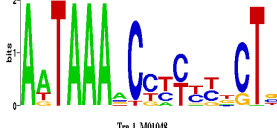

M13



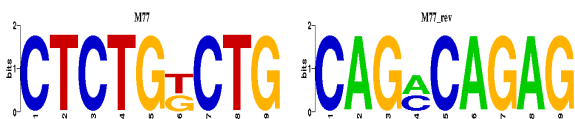
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GAGA_M00723	4.7764e-08	CCTCTCTCTCTCT --TYNCKCTCWS-	
TFII-I_M00706	1.5711e-05	CCTCTCTCTCTCT CCTMCNTC-----	
BLIMP1_M01066	2.3813e-04	AGAGAGAGAGAGG- -GRAAGKGAAAGKR	
FACB_M00390	5.8173e-04	-----AGAGAGAGAGAGG----- NWNNTCCNNNNNNNNNNKGANNNN	
SMAD3_M00701	9.4367e-04	AGAGAGAGAGAGG AGNCAGAC-----	
Retroviral_M00212	1.1401e-03	AGAGAGAGAGAGG----- ---NAGNRRRRRGNTTTATT	
Sry-beta_M00666	1.4019e-03	AGAGAGAGAGAGG- -----AGWGATGC	
UF1H3BETA_M01068	6.7698e-03	-CCTCTCTCTCTCT GCCCTCCCCRC-	
ARF_M00438	1.0170e-02	AGAGAGAGAGAGG -GAGACAA-----	
ISGF-3_M00258	1.0810e-02	-AGAGAGAGAGAGG GNGAAANWGAAACT	

M79



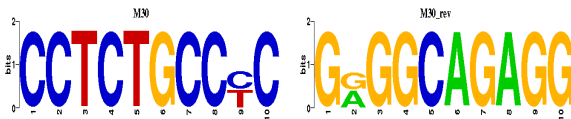
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TFII-I_M00706	7.5544e-10	CCKCCCTCTG CCTMCNTC--	
MAZ_M00649	7.4921e-06	-CCKCCCTCTG CCCTCCC----	
ETF_M00695	2.6772e-05	CCKCCCTCTG CCGCCN----	
GAGA_M00723	3.7104e-05	CAGAGGGMGG SWGAGMGNRA	
PU.1_M00658	2.9575e-04	CAGAGGGMGG --GAGGAAG-	
Sp1_M00933	3.3977e-04	-CCKCCCTCTG CCCKCCCN--	
Sp1_M00931	4.6665e-04	CAGAGGGMGG--- ----GGGCGGGN	
MAF_M00648	6.9724e-04	-----CCKCCCTCTG NSNMMACTTCCYYCN-	
Retroviral_M00212	7.1419e-04	CAGAGGGMGG----- NAGNRRRRRGNTTTATT	
Tra-1_M01048	7.9755e-04	CAGAGGGMGG- ----GGGWGGT	











M77



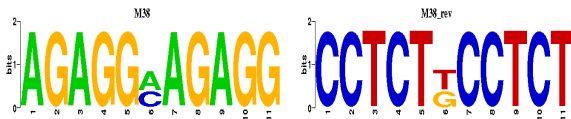
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
SMAD3_M00701	1.4018e-06	CAGMCAGAG -AGNCAGAC	
Cdx_M00991	9.2894e-06	-CAGMCAGAG----- AYNRNNARANNNATAAA	
SMAD4_M00733	5.7485e-05	CTCTGKCTG----- RGNTGKCTGNMYSN	
NRSF_M00256	2.4385e-04	-----CAGMCAGAG-- TCAGCACCACGGACAGCRSC	
SMAD_M00974	9.8768e-04	CTCTGKCTG--- --NWGTC TGNNN	
BRK_M01096	1.0347e-03	CTCTGKCTG --NTGGCG-	
ZAP1_M00735	1.2767e-03	-CTCTGKCTG RCTCGGTCA-	
TGIF_M00418	1.7218e-03	CTCTGKCTG-- -GCTGTCANNW	
Zta_M00711	2.2846e-03	-CAGMCAGAG-- TGWGYCANNNTN	
HAC1_M00730	2.2911e-03	CAGMCAGAG---- --GMCAGCGTGTC	










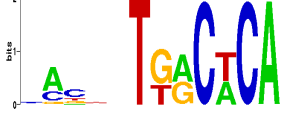
M30



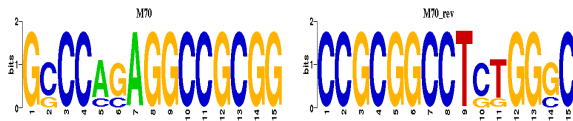
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
COUP_M00765	6.1746e-06	GRGGCAGAGG-- GGGNCAAAGGTC	
KROX_M00982	3.1348e-05	GRGGCAGAGG--- GNNGNNGGGGGCGG	
UF1H3BETA_M01068	3.3682e-05	--GRGGCAGAGG- GYGGGGGAGGGGC	
Dde_M00304	4.0056e-05	GRGGCAGAGG --GGCTGAGC	
HNF4alpha1_M00411	6.3713e-05	----CCTCTGCCYC NTGACCTTTGNCCY	
PPAR_M00528	7.7908e-05	---CCTCTGCCYC--- TGACCTTTGNCCNNNN	
GC_M00255	7.9472e-05	--CCTCTGCCYC- NNGCCCCGCCNN	
COUPTF_M01036	9.0921e-05	-----GRGGCAGAGG----- NKNNRNGKNNAAAGGTCANNNN	
SMAD4_M00733	1.1541e-04	---CCTCTGCCYC- RGNTGKCTGNMYSN	
PU.1_M00658	1.2755e-04	CCTCTGCCYC ---CTTCCTC	


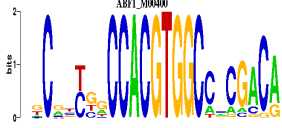
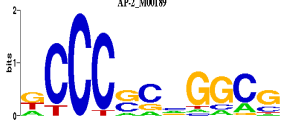

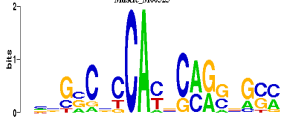


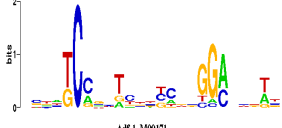

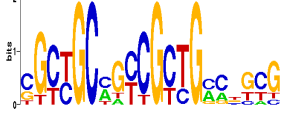
M38



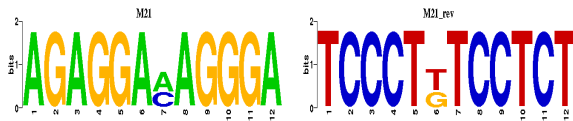
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	4.3643e-08	AGAGGMAGAGG -GAGGAAG---	
Elf-1_M00746	3.3112e-06	CCTCTKCCTCT-- --AYTTCCTCTTN	
GCR1_M00046	8.5036e-06	AGAGGMAGAGG -GWGGAAGC--	
Nrf-2_M00108	1.5588e-05	CCTCTKCCTCT -SNCTTCCGG-	
Ets_M00971	3.8271e-05	AGAGGMAGAGG -NAGGAAG---	
PEA3_M00655	1.0755e-04	AGAGGMAGAGG --MGGAWG---	
c-Ets-1_M00743	1.8186e-04	CCTCTKCCTCT --GCTTCK--	
GCR1_M00337	8.1301e-04	---AGAGGMAGAGG AAWAGTGAAGCC-	
SMAD3_M00701	8.6975e-04	AGAGGMAGAGG --AGNCAGAC-	
Zta_M00711	9.2388e-04	AGAGGMAGAGG- TGWGYCANNNTN	

M70

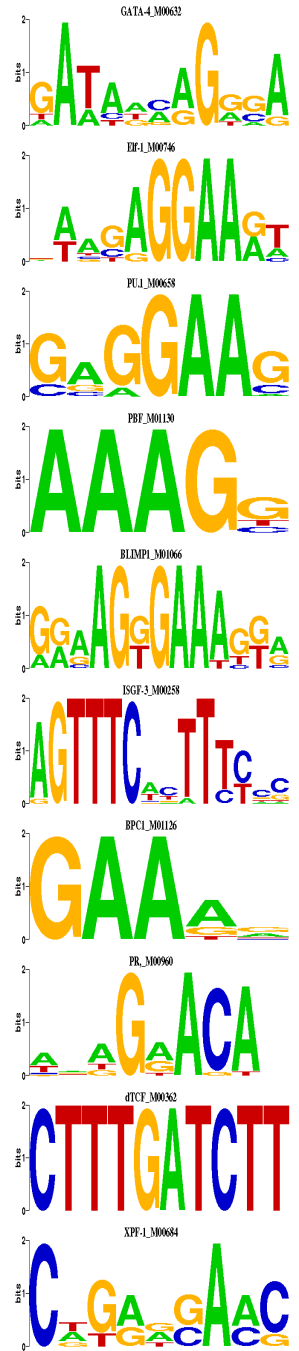


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PDR3_M00752	1.6942e-05	GCCCAGAGGCCGCGG -----TCCGCGG	
ABF1_M00400	2.5967e-05	--CCGCGGCCTCTGGGC----- TGTCGNGGCCACGTGGNNRNNNGNN	
AP-2_M00189	2.0587e-04	CCGCGGCCTCTGGGC ----CGCCNGSGGGN	
HSF_M00641	2.2682e-04	CCGCGGCCTCTGGGC --GAARCYNCKNGA-	
Muscle_M00323	3.8471e-04	--CCGCGGCCTCTGGGC--- KSCNSCTGNRTGGNGNCNNN	
ERF2_M01057	4.1517e-04	CCGCGGCCTCTGGGC -GGCGGC-----	
PacC_M00247	9.0911e-04	CCGCGGCCTCTGGGC--- --NNNNNKCYTGCGNGN	
FACB_M00390	1.9039e-03	-----GCCAGAGGCCGCGG----- NWNNTCCNNNNNNNNNNKGANNNN	
Adf-1_M00171	3.6273e-03	--CCGCGGCCTCTGGGC CGCYGCGYNGCNKN--	
Adf-1_M00923	3.7245e-03	--CCGCGGCCTCTGGGC--- SGCYGCMGYCGCTGMMNKYG	

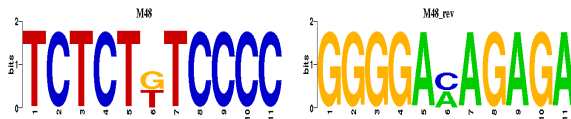
M21

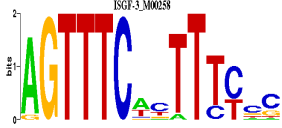



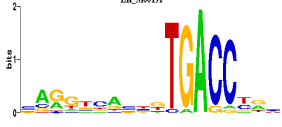




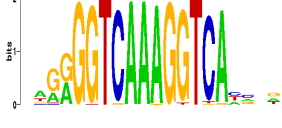


	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
GATA-4_M00632	6.1912e-06	TCCCTKTCCTCT TSYCTKNATC-
Elf-1_M00746	7.4506e-06	TCCCTKTCCTCT-- ---AYTCCTCTTN
PU.1_M00658	5.7674e-05	TCCCTKTCCTCT ----CTTCCTC-
PBF_M01130	1.6666e-04	TCCCTKTCCTCT --CCTTT-----
BLIMP1_M01066	4.0813e-04	-----TCCCTKTCCTCT YMCTTTCMCTTYC----
ISGF-3_M00258	4.2045e-04	AGAGGAMAGGGA---- --GNGAAANWGAAACT
BPC1_M01126	6.7882e-04	TCCCTKTCCTCT ---NTTTC----
PR_M00960	7.1861e-04	AGAGGAMAGGGA WNNGRACAN---
dTCF_M00362	7.7499e-04	-AGAGGAMAGGGA AAGATCAAAG---
XPF-1_M00684	2.0436e-03	TCCCTKTCCTCT- ----GKTSNYCNG

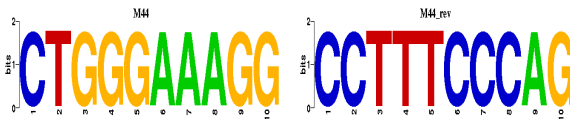


M48



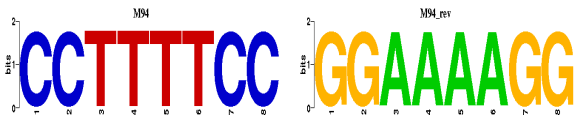
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ISGF-3_M00258	2.5125e-08	GGGGAMAGAGA---- -GNGAAANWGAAACT	
SMAD3_M00701	4.5422e-04	TCTCTKTCCCC -GTCTGNCT--	
STE11_M01005	6.8844e-04	GGGGAMAGAGA-- --GAACAAAGAAA	
MZF1_M00083	1.0800e-03	TCTCTKTCCCC-- -----TCCCCNN	
ER_M00191	1.1372e-03	---GGGGAMAGAGA---- NNNGGTCANNNNNNYNN	
NRSF_M00256	1.4104e-03	-TCTCTKTCCCC----- GSYGCTGTCCGTGGTGCTGA	
BPC1_M01126	1.6256e-03	TCTCTKTCCCC ---NTTTC---	
BLIMP1_M01066	2.1781e-03	TCTCTKTCCCC--- -YMCTTTCMCTTYC	
LF-A1_M00646	2.5865e-03	TCTCTKTCCCC ---YWGASCC-	
PPARgamma-RXRalpha_M00512	2.6359e-03	--GGGGAMAGAGA----- NNGRGGTCAAAGGTCANNNN	




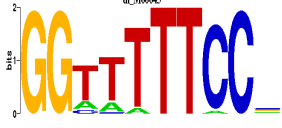

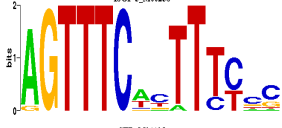



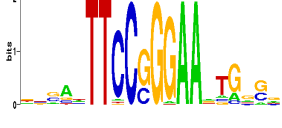
M44



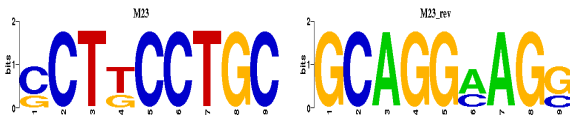
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BLIMP1_M01066	1.1725e-06	-CCTTTCCCAG-- YMCTTTCMCTTYC	
RBP-Jkappa_M01112	8.2458e-06	CCTTTCCCAG-- --KTTCCCACGN	
PBF_M01130	8.7034e-06	CCTTTCCCAG CCTTT-----	
Ik-3_M00088	4.1079e-05	-CCTTTCCCAG- GGTATTCCNRN	
BPC1_M01126	4.5622e-05	CCTTTCCCAG -NITTC-----	
Lyf-1_M00141	7.2848e-05	CCTTTCCCAG --YCTCCCAA	
E2A_M00804	8.8732e-05	-CTGGGAAAGG-- NMNGNGNCAGGTG	
Su_H_M00234	8.9802e-05	CCTTTCCCAG-- NGKTTCCCACRN	
ISGF-3_M00258	9.6816e-05	CTGGGAAAGG----- --GNGAAANWGAACT	
STAT1_M00492	1.5944e-04	CTGGGAAAGG --SGGAANT-	


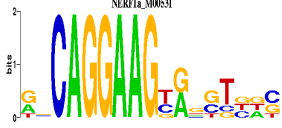



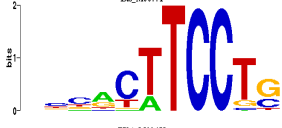




M94



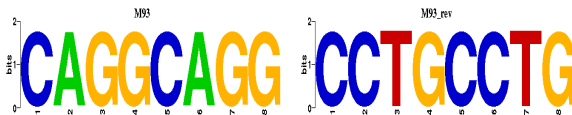
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PBF_M01130	2.4789e-06	CCTTTTCC CCTTT---	
Nanog_M01123	2.9957e-06	GGAAAAGG--- GGMAATGGNCC	
Helios_M01004	1.4674e-05	CCTTTTCC--- -NTTTTCCTWN	
dl_M00043	1.4825e-05	-GGAAAAGG- NGGAAAACC	
PPAR_M00528	3.2672e-05	---CCTTTTCC----- TGACCTTTGNCCNNNN	
ISGF-3_M00258	3.6876e-05	GGAAAAGG----- GNGAAANWGAAACT	
SED_M01128	5.0296e-05	GGAAAAGG--- --NAAAGNNNA	
HNF4alpha1_M00411	5.3882e-05	---CCTTTTCC-- NTGACCTTTGNCCY	
BLIMP1_M01066	6.2865e-05	-CCTTTTCC----- YMCTTTCMCTTYC	
STAT1_M00224	1.1660e-04	--CCTTTTCC----- NSNCANTTCCC GGAANNNNN	




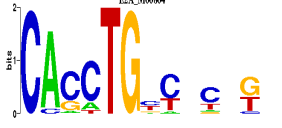



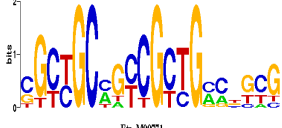
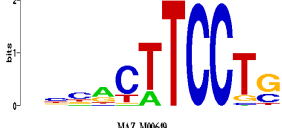

M23



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	8.6716e-08	GCAGGAAGG- -CAGGAAGTA	
NERF1a_M00531	3.5809e-07	-----CCTTCCTGC- SNNASNYRCTTCCTGNY	
Ttk_M00009	2.3536e-06	GCAGGAAGG GCAGGAC--	
c-Ets-2_M00340	2.3823e-06	GCAGGAAGG---- RCAGGAAGTNNNT	
Ets_M00971	2.5567e-06	GCAGGAAGG -NAGGAAG-	
Ets_M00771	3.1688e-06	GCAGGAAGG--- -CAGGAAGYNNN	
PU.1_M00658	3.3412e-06	GCAGGAAGG -GAGGAAG-	
PEA3_M00655	9.1372e-06	GCAGGAAGG --MGGAWG-	
c-Ets-1_M00743	1.5369e-05	CCTTCCTGC GCTTCCK--	
c-Ets-1_M00339	2.0704e-05	-----CCTTCCTGC NNMNNNACTTCCTG-	

M93



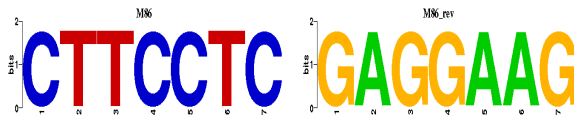
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00973	1.1361e-05	CAGGCAGG- --RNCAGNT	
Tel-2_M00678	4.9645e-05	CAGGCAGG- CAGGAAGTA	
TFII-I_M00706	1.1078e-04	CAGGCAGG GANGKAGG	
E2A_M00804	1.1137e-04	---CAGGCAGG--- NMNGNGNCAGGTG	
CAC-binding_M00720	2.2030e-04	-CCTGCCTG CCCASCCY-	
Ttk_M00009	2.3215e-04	--CCTGCCTG GTCCTGC---	
E47_M00002	2.4908e-04	-----CCTGCCTG NNNNACACCTGCNS-	
Adf-1_M00923	3.4559e-04	--CAGGCAGG----- CRMNKKCAGCGRCKGCRGCS	
Ets_M00771	4.9584e-04	---CCTGCCTG NNNRCTTCC TG	
MAZ_M00649	8.5247e-04	-CCTGCCTG CCCTCCC--	








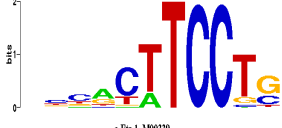


M73



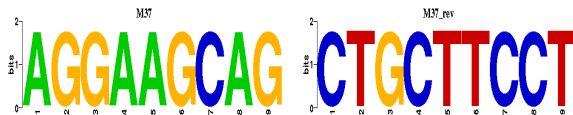
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	6.5598e-09	CTGAGGAAGG --GAGGAAG--	
E2A_M00804	9.3222e-08	--CCTTCCTCAG-- CACCTGNCNCNKN	
GCR1_M00046	2.1772e-06	CTGAGGAAGG --GWGGAAGC	
XPF-1_M00684	6.1224e-06	CCTTCCTCAG -GKTSNYCNG	
Ets_M00971	1.2018e-05	CTGAGGAAGG --NAGGAAG--	
TFII-I_M00706	2.2597e-05	CCTTCCTCAG CCTMCNTC--	
PEA3_M00655	6.7001e-05	CTGAGGAAGG ---MGGAWG--	
c-Ets-1_M00743	7.2172e-05	CCTTCCTCAG GCTTCK---	
Elf-1_M00746	1.2742e-04	CCTTCCTCAG-- AYTTCCTCTTN	
Tel-2_M00678	2.5853e-04	CTGAGGAAGG-- --CAGGAAGTA	

M86



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











M37



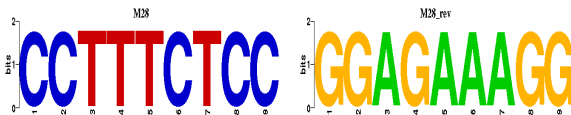
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
c-Ets-1_M00743	9.1470e-09	CTGCTTCCT --GCTTCCK	
NERF1a_M00531	1.8708e-08	-----CTGCTTCCT--- SNNASNYRCTTCCTGNY	
GCR1_M00046	1.1026e-07	-AGGAAGCAG GWGGAAGC--	
Tel-2_M00678	4.4181e-07	-AGGAAGCAG CAGGAAGTA-	
Ets_M00971	8.7719e-07	-AGGAAGCAG NAGGAAG---	
PU.1_M00658	1.1601e-06	CTGCTTCCT- ---CTTCCTC	
PEA3_M00655	3.0730e-06	AGGAAGCAG MGGAWG---	
c-Ets-2_M00340	1.0803e-05	--CTGCTTCCT-- ANNNACTTCCTGY	
HEN1_M00058	9.6159e-05	--AGGAAGCAG----- NNNGGNCGCAGCTGCGNCCNN	
Ets_M00771	2.4495e-04	-AGGAAGCAG- CAGGAAGYNNN	

M81



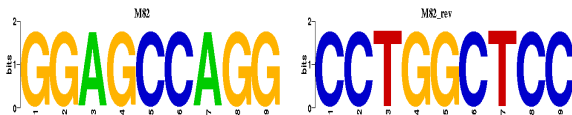
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
c-Ets-1_M00743	2.3589e-08	CTGGCTTCCT ---GCTTCCK	
GCR1_M00046	3.4342e-07	-AGGAAGCCAG GWGGAAGC---	
Ets_M00971	1.9410e-06	-AGGAAGCCAG NAGGAAG----	
PU.1_M00658	2.5417e-06	CTGGCTTCCT- ----CTTCCTC	
PEA3_M00655	5.7170e-06	AGGAAGCCAG MGGAWG-----	
c-Ets-2_M00340	2.2730e-05	--AGGAAGCCAG- RCAGGAAGTNNNT	
Grainyhead-Elf-1-NTF-1_M00951	3.4706e-05	AGGAAGCCAG ---AAACCRG	
GCR1_M00337	4.3170e-05	-----AGGAAGCCAG AAWAGTGGAAAGCC--	
BRK_M01096	7.9668e-05	CTGGCTTCCT NTGGCG-----	
Tel-2_M00678	7.9932e-05	-AGGAAGCCAG CAGGAAGTA--	



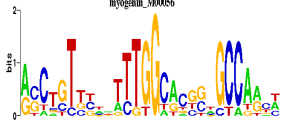
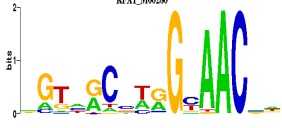
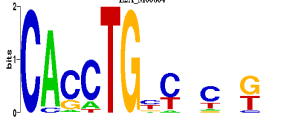





M28



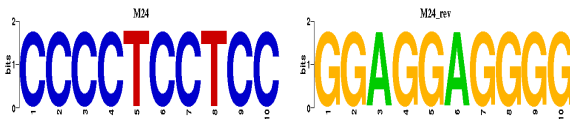
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PBF_M01130	5.4374e-06	CCTTTCTCC CCTTT----	
PU.1_M00658	1.5920e-05	GGAGAAAGG -GAGGAAG-	
BPC1_M01126	2.9399e-05	CCTTTCTCC -NTTTC---	
PPAR_M00762	4.7079e-05	---CCTTTCTCC TGACCTTTGNCC	
COUP_M00765	1.5148e-04	-GGAGAAAGG-- GGGNCAAAGGTC	
HSF1_M01023	2.1440e-04	-----CCTTTCTCC TTCTRGAANNTTCTYM	
HNF4alpha1_M00411	2.1669e-04	-GGAGAAAGG---- RGGNCAAAGGTCAN	
HNF4_M00764	2.2248e-04	-GGAGAAAGG-- NGGNCAAAGKTC	
PPAR_M00763	2.5183e-04	-GGAGAAAGG-- NGGNCAAAGGTC	
BLIMP1_M01066	2.9869e-04	-CCTTTCTCC--- YMCTTTCMCTTYC	

M82



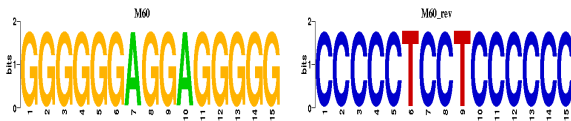
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BRK_M01096	4.6310e-05	CCTGGCTCC -NTGGCG--	
YY1_M00069	8.6086e-05	-GGAGCCAGG----- WNSANNCAAGATGGCNGNN	
myogenin_M00056	5.0050e-04	-CCTGGCTCC----- NNYTGGCNSNGTGCCAAANNNNACAGST	
RFX1_M00280	6.2906e-04	-----CCTGGCTCC- NNGTTRCYWNGYNACN	
E2A_M00804	7.0394e-04	--GGAGCCAGG-- NMNGNGNCAGGTG	
SMAD4_M00733	8.0831e-04	-CCTGGCTCC---- RGNTGKCTGNMYSN	
AP-4_M00005	1.9907e-03	-----CCTGGCTCC MNGNCNNCAGCTGNNNN-	
TFII-I_M00706	2.3931e-03	CCTGGCTCC CCTMCNTC-	
ZID_M00085	2.5044e-03	-----GGAGCCAGG GRTGATRGAGCC---	
ARF_M00438	2.5373e-03	GGAGCCAGG -GAGACAA-	




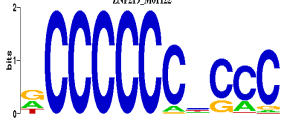




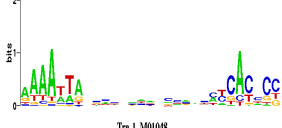

M24



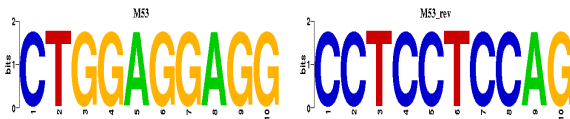
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	2.3808e-10	-CCCCTCCTCC-- GCCCTCCCCRC	
Alfin1_M00479	5.3739e-07	---CCCCTCCTCC- MNNCCCCACNYNYN	
ZNF219_M01122	1.2696e-06	-GGAGGAGGGG GGGNGGGGGGN	
MAZ_M00649	1.6668e-06	CCCCTCCTCC -CCCTCCC--	
PU.1_M00658	3.1639e-05	GGAGGAGGGG -GAGGAAG--	
Sp1_M00196	3.6825e-05	--CCCCTCCTCC NNCCCCGCCCCN	
STRE_M00308	6.7282e-05	-CCCCTCCTCC NCCCCT-----	
GC_M00255	7.4343e-05	---CCCCTCCTCC NNGCCCCGCCCN	
MAZR_M00491	1.0993e-04	GGAGGAGGGG--- -SGGGGGGGGMNN	
Sp1_M00931	2.0297e-04	-CCCCTCCTCC NCCCCGCC--	

M60

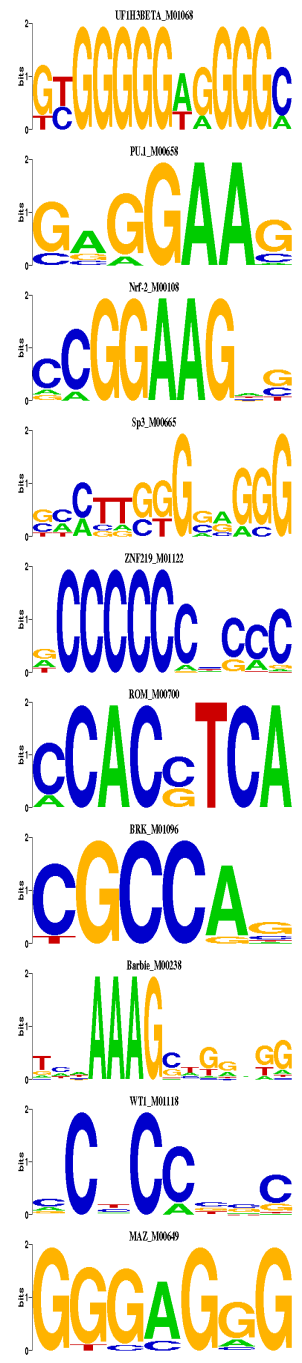


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AtMYB-84_M00970	2.3711e-09	CCCCCTCCTCCCCC ---SCACCTACCNCC	
UF1H3BETA_M01068	7.6419e-08	GGGGGGAGGAGGGGG --GYGGGGGAGGGGC	
KROX_M00982	1.5250e-07	GGGGGGAGGAGGGGG --GNNGNNGGGGGCGG	
ZNF219_M01122	3.1334e-07	GGGGGGAGGAGGGGG ---GGGNNGGGGGGN-	
TFII-I_M00706	3.6637e-06	CCCCCTCCTCCCCC -----CTMCNTC-	
VDR_M00444	9.1012e-06	-CCCCCTCCTCCCCC TSWCCYNYNTNMCC--	
MAZ_M00649	1.5310e-05	CCCCCTCCTCCCCC --CCCTCC-----	
MAZR_M00491	1.8451e-05	GGGGGGAGGAGGGGG SGGGGGGGGMNN---	
Pax-4_M00380	3.3607e-05	GGGGGGAGGAGGGGG----- NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
Tra-1_M01048	1.2457e-04	CCCCCTCCTCCCCC -----ACCWCC---	

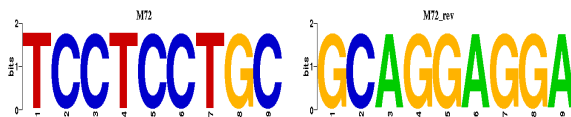
M53



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	2.9072e-06	CTGGAGGAGG--- GYGGGGGAGGGGG
PU.1_M00658	3.1639e-05	CTGGAGGAGG ---GAGGAAG
Nrf-2_M00108	7.2382e-05	CCTCCTCCAG -SNCTTCCGG
Sp3_M00665	1.4171e-04	--CTGGAGGAGG- SMCTTGGGSRGGG
ZNF219_M01122	3.5815e-04	CTGGAGGAGG-- -GGNGGGGGGN
ROM_M00700	3.7449e-04	CTGGAGGAGG --TGASGTGG
BRK_M01096	6.3579e-04	CTGGAGGAGG NTGGCG----
Barbie_M00238	7.1129e-04	CCTCCTCCAG----- ---CMNNCNSCTTTNNN
WT1_M01118	7.2300e-04	CTGGAGGAGG --GNGGNGN
MAZ_M00649	8.5308e-04	-CCTCCTCCAG CCCTCCC----


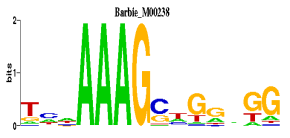
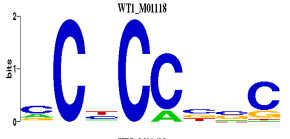



M72

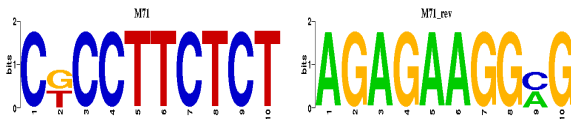






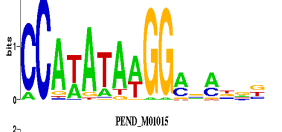





forward *reverse compliment*

Name *E value* *Alignment* *Motif*

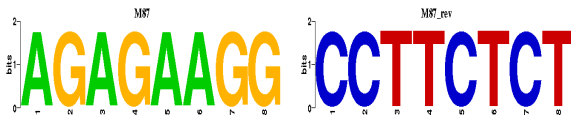
Ttk_M00009	8.0454e-07	TCCTCCTGC --GTCCTGC	
KAISO_M01119	2.4533e-05	---GCAGGAGGA NTNGCAGGA---	
Barbie_M00238	5.8236e-05	TCCTCCTGC----- -CMNNCNSCTTTNNN	
Tel-2_M00678	1.9075e-04	GCAGGAGGA- -CAGGAAGTA	
myogenin_M00712	2.0052e-04	GCAGGAGGA NCAGSTG--	
WT1_M01118	3.6148e-04	GCAGGAGGA GNNGGNGN-	
HEB_M00698	3.8176e-04	GCAGGAGGA -CAGCWGG-	
TAL1_M00993	4.0135e-04	TCCTCCTGC- -CCANCTGNY	
NERF1a_M00531	4.0822e-04	-GCAGGAGGA----- RNCAGGAAGYRNSTNNS	
MAZ_M00649	4.9536e-04	TCCTCCTGC CCCTCCC--	











M71



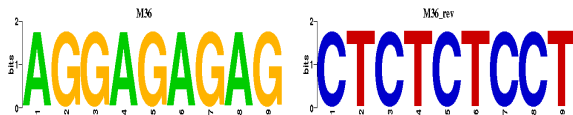
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GATA-1_M00347	3.0773e-04	CKCCTTCTCT-- --YNTTATCTN	
Lmo2_M00278	3.0787e-04	AGAGAAGGMG MGATANSG--	
Sry-beta_M00666	3.7449e-04	AGAGAAGGMG AGWGATGC--	
NF-muE1_M00651	4.8736e-04	CKCCTTCTCT GGCCATCT--	
SRF_M00810	8.3053e-04	--AGAGAAGGMG----- CCATATAWGGMMNNNN	
PEND_M01015	9.7503e-04	CKCCTTCTCT --ACTTCTT-	
GATA-2_M00349	1.0386e-03	-AGAGAAGGMG SAGATAANA--	
GATA-3_M00350	1.3022e-03	CKCCTTCTCT-- --TNTTATCTY	
GATA-2_M00348	1.3731e-03	CKCCTTCTCT-- --NSTTATCWN	
alpha-CP1_M00687	2.6606e-03	AGAGAAGGMG AGCCAATGAG	


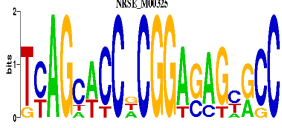

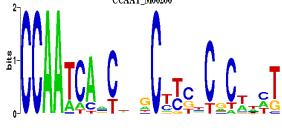
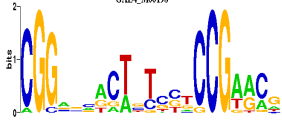



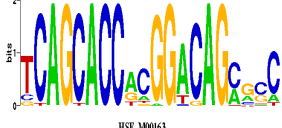

M87



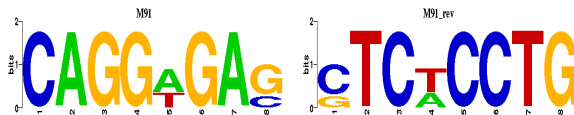
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GATA-1_M00347	3.0521e-05	CCTTCTCT- YNTTATCTN	
Lmo2_M00278	4.7290e-05	AGAGAAGG MGATANS G	
Sry-beta_M00666	5.9394e-05	AGAGAAGG AGWGATGC	
GATA-2_M00349	1.3393e-04	-AGAGAAGG SAGATAANA	
GATA-3_M00350	1.7652e-04	CCTTCTCT- TNTTATCTY	
GATA-2_M00348	1.8833e-04	CCTTCTCT- NSTTATCWN	
PEND_M01015	2.5550e-04	CCTTCTCT ACTTCTT-	
ARF_M00438	1.4115e-03	-AGAGAAGG GAGACAA--	
Evi-1_M00078	1.5088e-03	---CCTTCTCT--- TTATCTTATCTTRTC	
PR_M00960	2.1728e-03	-CCTTCTCT NTGYCNNW	











M36



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GAGA_M00723	1.1635e-04	---CTCTCTCCT TYNCKCTCWS--	
NRSE_M00325	3.4626e-04	--CTCTCTCCT----- GGCRCTCTCCGNGGTGCTGA	
TFII-I_M00706	4.7197e-04	-CTCTCTCCT CCTMCNTC--	
CCAAT_M00200	5.6869e-04	-----AGGAGAGAG----- ANNWGNNGNRRGNNGNTGATTGG	
GAL4_M00198	5.6950e-04	-----AGGAGAGAG----- NGYTCGGNNNANAGNNNNCCG	
TBX5_M01044	8.8096e-04	CTCTCTCCT- -TCACACCTT	
MAZ_M00649	1.0494e-03	AGGAGAGAG GGGAGGG--	
ARF_M00438	2.5373e-03	AGGAGAGAG --GAGACAA	
NRSF_M00256	3.4753e-03	-----AGGAGAGAG-- TCAGCACCACGGACAGCRSC	
HSF_M00163	3.7583e-03	-CTCTCTCCT---- NTTCTNTTCTNTTC	

M91



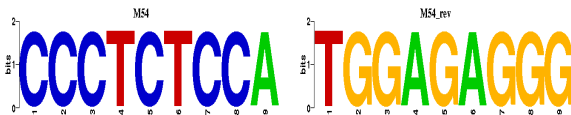
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AREB6_M00412	5.8465e-05	---CAGGAGAG- RNWCAGGTRNRN	
USF_M00796	1.4801e-04	-CTCTCCTG-- NSTCACGTGNN	
myogenin_M00712	3.8101e-04	CTCTCCTG- --CASCTGN	
MyoD_M00184	5.0304e-04	--CAGGAGAG GNCAGNTGN-	
Ttk_M00009	5.1489e-04	-CAGGAGAG GCAGGAC--	
Stra13_M00985	6.8588e-04	--CTCTCCTG--- NNNTCACGTGANN	
RAV1_M00344	7.1619e-04	CTCTCCTG---- -NCACCTGNNNN	
E12_M00693	7.7104e-04	-CTCTCCTG- NNNCACCTGY	
SREBP-1_M00220	1.1202e-03	--CAGGAGAG NTCACGTGAT	
T3R_M00963	1.1901e-03	CAGGAGAG NAGGWCAN	




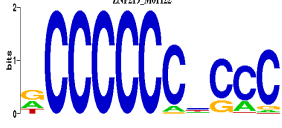



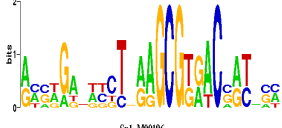

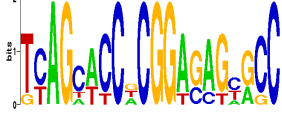
M88



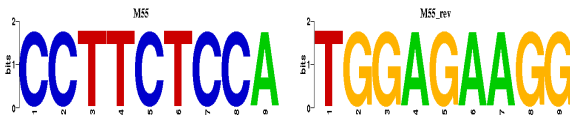
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Eve_M00629	6.1383e-05	AGCAGAG--- -GCNGNSSWN	
TAL1_M00993	6.6400e-05	AGCAGAG-- RNCAGNTGG	
LMAF_M01139	1.9491e-04	CTCTGCT--- --CTGCTGAS	
Dde_M00304	4.0214e-04	AGCAGAG- GGCTGAGC	
KAISO_M01119	1.2495e-03	CTCTGCT-- TCCTGCNAN	
COUPTF_M01036	2.1334e-03	AGCAGAG----- NKNNRNGKNNAAAGGTCANNNN	
HEB_M00698	2.2929e-03	-AGCAGAG CAGCWGG-	
MAF_M00983	3.1995e-03	----CTCTGCT NTGACTCANC-	
CDC5_M00361	3.2021e-03	--AGCAGAG- NSCGCTGAGS	
Nrf-2_M00821	4.6727e-03	----CTCTGCT NNTGACTCAGCA	

M54



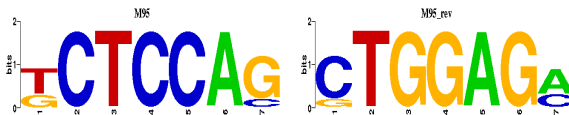
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp3_M00665	2.9985e-06	CCCTCTCCA---- CCCYSCCCAAGKS	
MAZ_M00649	1.0678e-05	CCCTCTCCA CCCTCCC--	
UF1H3BETA_M01068	3.0630e-05	--CCCTCTCCA-- GCCCTCCCCRC	
ZNF219_M01122	1.0456e-04	TGGAGAGGG-- GGGNGGGGGGN	
Sp1_M00933	3.3315e-04	TGGAGAGGG NGGGMGGG	
NF-kappaB_M00208	4.2469e-04	--CCCTCTCCA GGGAYTTTCN	
Lmo2_M00278	1.8491e-03	CCCTCTCCA CSNTATCK-	
Pax-5_M00144	3.0440e-03	-----CCCTCTCCA----- NNRYNGTYMCGCTYNANNNNNNCNNNY	
Sp1_M00196	3.0761e-03	---CCCTCTCCA NNCCCCGCCCCN	
NRSE_M00325	3.5315e-03	--CCCTCTCCA----- GGCRCTCTCCGNGGTGCTGA	




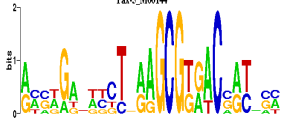





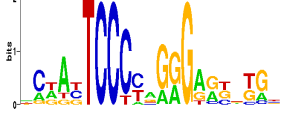
M55



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PEND_M01015	5.6976e-04	CCTTCTCCA ACTTCTT--	
UF1H3BETA_M01068	8.2132e-04	-TGGAGAAGG--- GYGGGGGAGGGGC	
Sp3_M00665	1.2940e-03	CCTTCTCCA---- CCCYSCCCAAGKS	
PU.1_M00658	2.1576e-03	CCTTCTCCA -CTTCTC-	
PBF_M01130	3.8029e-03	CCTTCTCCA CCTT-----	
Lmo2_M00278	4.2370e-03	TGGAGAAGG -MGATANSG	
HSF1_M01023	4.8844e-03	-----CCTTCTCCA TTCTRGAANNNTTCTYM-	
XPF-1_M00684	5.8631e-03	CCTTCTCCA- -GKTSNYCNG	
HOXA5_M00023	6.5241e-03	----CCTTCTCCA----- GCNNNNNNCNYCATTANTNNNNNNNNNYCN	
AtMYB-84_M00970	6.7203e-03	TGGAGAAGG--- GGNGGTAGGTGS	

M95



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BRK_M01096	7.3428e-05	CTGGAGA NTGGCG-	
XPF-1_M00684	4.9191e-04	CTGGAGA-- CNGRNSAMC	
Barbie_M00238	5.3179e-04	TCTCCAG----- CMNNCNSCTTTNNN	
Pax-5_M00144	1.3048e-03	-----TCTCCAG----- NNNRYNGTYMCGCTYNANNNNNNCNNNY	
Pax-6_M00979	2.1559e-03	--TCTCCAG---- KAGTTCAGGTCA	
RP58_M00532	2.3932e-03	-----CTGGAGA NAACATCTGGA--	
ZID_M00085	3.5901e-03	----CTGGAGA- GRTGATRGAGCC	
NF-kappaB_M00208	3.9271e-03	-----TCTCCAG GGGAYTTCCN-	
TTF1_M00432	4.6057e-03	---CTGGAGA AYACTTGAS-	
Olf-1_M00261	5.4467e-03	-----CTGGAGA----- NCMNNYTCNNRGGGANTNGN	

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