

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

Input file: 99 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 :          AAAAAAAAA-----
M1 :          ---TTTTAAAA----
M2 :          ----GGGTGGGG---
M3 :          ---GGGGTGGG----
M4 :          --AAAGGAAA-----
M5 :          -TGTGTGTG-----
M6 :          -----AGAAAGAA--
M7 :          --GGAGGAGG-----
M8 :          ----AAGAAAAG---
M9 :          ---AAGGAAAA----
M10 :         ---AGAGAGAG----
M11 :         AAGAAAGA-----
M12 :         AGGAAGGA-----
M13 :         --GGGGGTGG-----
M14 :         --GTGTGTGT-----
M15 :         --GAGAGAGA-----
M16 :         -GGAGGGAG-----
M17 :         -----AGAAAAAG--
M18 :         -----GGTGGGGG--
M19 :         --GAGGGAGG-----
M20 :         -GGAAGGAA-----
M21 :         --TGGGGAGG-----
M22 :         ----AGGAAAGG---
```

Stamp Results

10/01/13

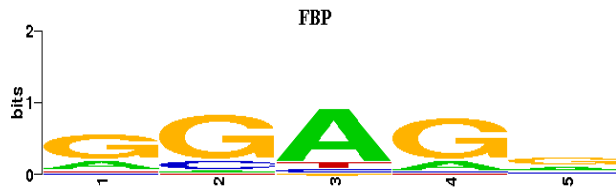
M23: --GAAGGAAG-----
M24: ---CAGGAAGG-----
M25: -----GGCGGGGC--
M26: ----GGGAGAGG---
M27: -AGGCAGAG-----
M28: -----GGAGGTGG--
M29: -----GCAGCAGC--
M30: -----AGAGAAGG--
M31: ----GGGAAAGG---
M32: -----GGAGAGGG--
M33: -----GGAGGGGA--
M34: ----AGGAGAGA---
M35: --CCAGGAAG-----
M36: ----CAGAGCAG---
M37: -----GGAGGCTG--
M38: ---AGAGAGGA----
M39: -----GGAGAAAG--
M40: -----GAGGCAGG--
M41: -----GAGGAAGA--
M42: --AGCAGAGG-----
M43: --AGGGCAGG-----
M44: ---GGGCAGGG-----
M45: -CTGCAGAG-----
M46: --CAGGCAGG-----
M47: -GAGGGGAG-----
M48: --GAAGGAGG-----
M49: --CTGGGAGG-----
M50: -CAGCCCAG-----
M51: ---CAGCAGCA----
M52: -----GGAAGGGG--
M53: -CAGAGGAG-----
M54: --CAGGGAAG-----
M55: -GGCTGGAG-----
M56: ---GGGGAGGA----
M57: -----AGGCTGGG--
M58: -CCCAGCAG-----
M59: --GTGGGTGG-----
M60: --GGCAGAGG-----
M61: -----CAGCCCTG--
M62: -GGCTGCAG-----
M63: -GCTGGGAG-----
M64: ----CAGAGCTG---
M65: ----AGGAGCTG---

Stamp Results

10/01/13

```
M66: -----GAGAAAGG-
M67: -GAGCAGAG-----
M68: --GGGGCAGG-----
M69: --GGCTGAGG-----
M70: --CCCAGAGC-----
M71: -CTGGGGAG-----
M72: -CCAGGGAG-----
M73: -----GGAGGAGC--
M74: -----GAGCTGGG-
M75: --AAGGGAGG-----
M76: -----GAGGCTGG-
M77: -----CAGCCTGG-
M78: -GGACAGAG-----
M79: ---CTGGGGCT-----
M80: ----AAAAACAT----
M81: -AGCTGGAG-----
M82: --CAGGGAGA-----
M83: ---TGGGAAAG-----
M84: ---AGGGACAG-----
M85: -----GAGCCAGG-
M86: ----GGGCGTGG---
M87: ----GGAGCCAG--
M88: --AGCCCAGG-----
M89: -CCTCAGAG-----
M90: ----CAGAGGCT---
M91: TTCTGGA-----
M92: --AGGGGCGG-----
M93: TCCTGGGA-----
M94: -----GGAGGAAA--
M95: GCTGGGGA-----
M96: --CAGGCAGA-----
M97: ---AGGGTGTG-----
M98: ----GGAGAGAA--
```

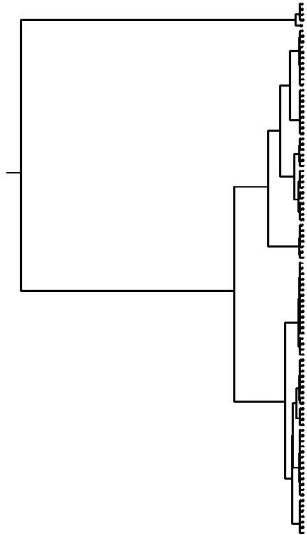
Familial Profile:
(click for matrix)



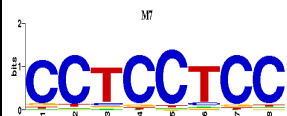

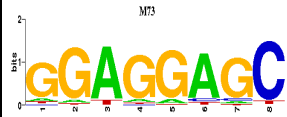

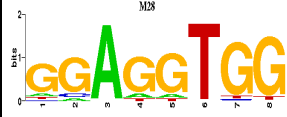

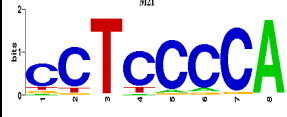



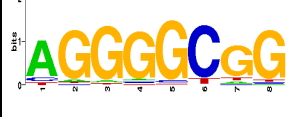

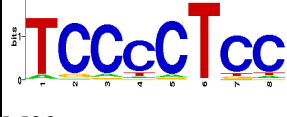

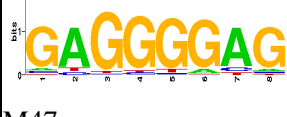
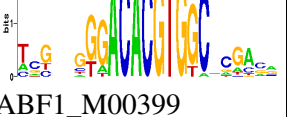
Motif Tree

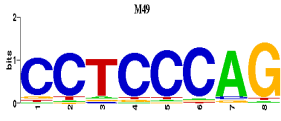

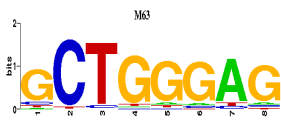

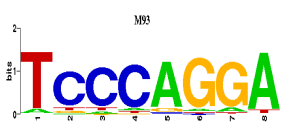

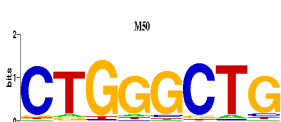




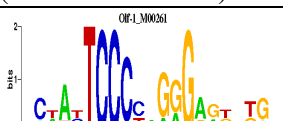
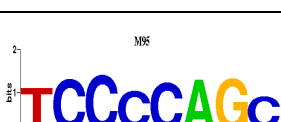
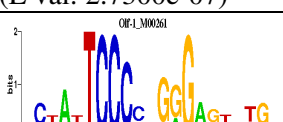
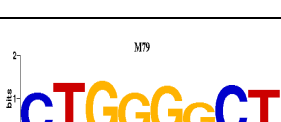

Tree (drawn by **Phylip**)

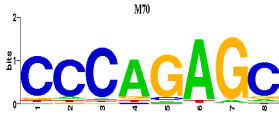

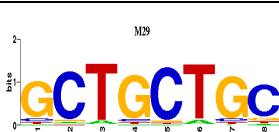
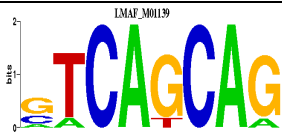
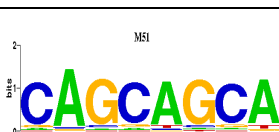

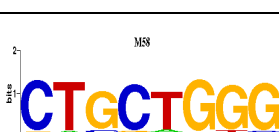


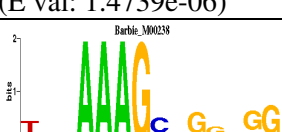
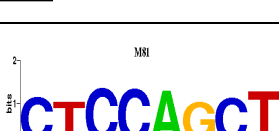


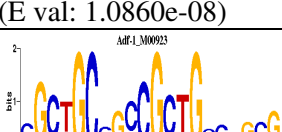

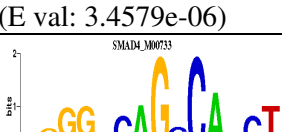
[Click here for Newick-format tree](#) (viewable with **MEGA**)

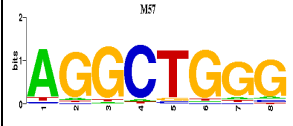

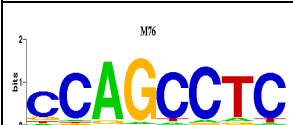


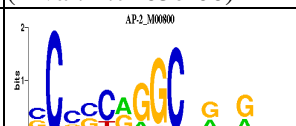





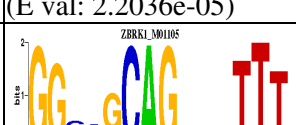

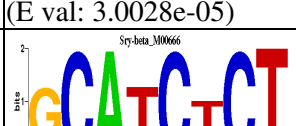

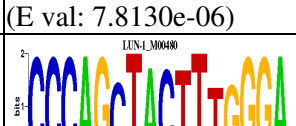


Input Motif	Best match in TRANSFAC
<p>M0</p>	<p>Hb_M00022 (E val: 1.1072e-06)</p>
<p>M8</p>	<p>HSF_M00163 (E val: 1.0236e-08)</p>
<p>M17</p>	<p>dl_M00043 (E val: 1.8487e-05)</p>
<p>M80</p>	<p>Antp_M01084 (E val: 7.1148e-06)</p>
<p>M1</p>	<p>MEF-2_M00405 (E val: 2.6081e-06)</p>
<p>M2</p>	<p>Alfin1_M00479 (E val: 2.2529e-09)</p>
<p>M18</p>	<p>ZNF219_M01122 (E val: 2.1668e-07)</p>
<p>M25</p>	<p>GC_M00255</p>

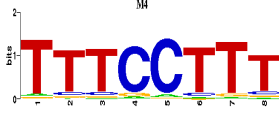
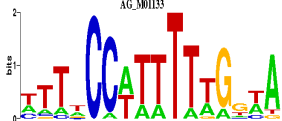
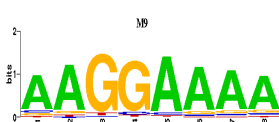

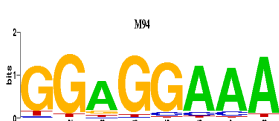

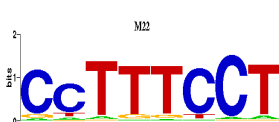

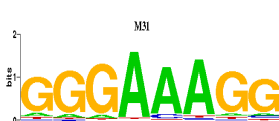

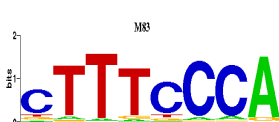



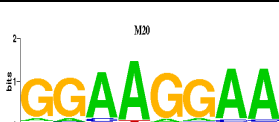

	(E val: 1.4967e-10)
 <p>M7</p>	 <p>UF1H3BETA_M01068 (E val: 2.1472e-06)</p>
 <p>M73</p>	 <p>UF1H3BETA_M01068 (E val: 4.3999e-06)</p>
 <p>M28</p>	 <p>ROM_M00700 (E val: 4.9716e-09)</p>
 <p>M21</p>	 <p>Sp3_M00665 (E val: 1.1274e-08)</p>
 <p>M56</p>	 <p>MAZ_M00649 (E val: 1.8279e-07)</p>
 <p>M92</p>	 <p>Sp1_M00933 (E val: 4.9865e-09)</p>
 <p>M33</p>	 <p>MAZ_M00649 (E val: 2.0498e-07)</p>
 <p>M47</p>	 <p>ABF1_M00399 (E val: 1.3088e-05)</p>

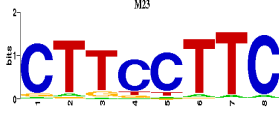

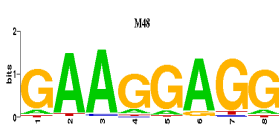

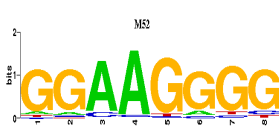

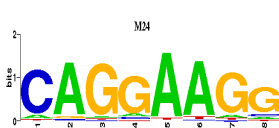

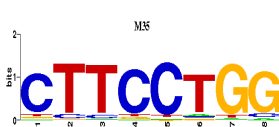

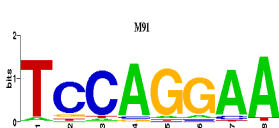

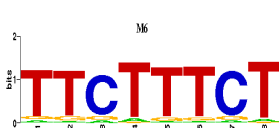

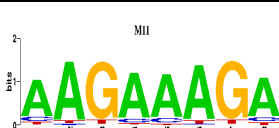

 <p>M49</p>	 <p>Lyf-1_M00141 (E val: 5.2765e-08)</p>
 <p>M63</p>	 <p>Lyf-1_M00141 (E val: 2.1228e-06)</p>
 <p>M93</p>	 <p>STAT5B_M00459 (E val: 5.1895e-06)</p>
 <p>M50</p>	 <p>YY1_M00069 (E val: 4.5223e-05)</p>
 <p>M88</p>	 <p>AP-2_M00915 (E val: 2.4510e-04)</p>
 <p>M71</p>	 <p>Olf-1_M00261 (E val: 2.7300e-07)</p>
 <p>M95</p>	 <p>Olf-1_M00261 (E val: 1.0115e-05)</p>
 <p>M79</p>	 <p>Alfin1_M00479 (E val: 1.3091e-05)</p>

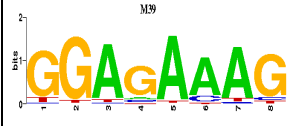

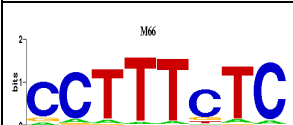








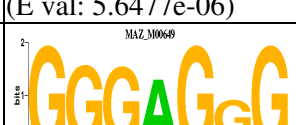



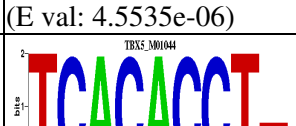
 <p>M70</p>	 <p>STAT_M00777 (E val: 4.7838e-04)</p>
 <p>M29</p>	 <p>LMAF_M01139 (E val: 1.5431e-06)</p>
 <p>M51</p>	 <p>LMAF_M01139 (E val: 1.4722e-06)</p>
 <p>M58</p>	 <p>LMAF_M01139 (E val: 1.4739e-06)</p>
 <p>M55</p>	 <p>Barbie_M00238 (E val: 2.6203e-05)</p>
 <p>M81</p>	 <p>Barbie_M00238 (E val: 1.0860e-08)</p>
 <p>M62</p>	 <p>Adf-1_M00923 (E val: 3.4579e-06)</p>
 <p>M37</p>	 <p>SMAD4_M00733 (E val: 4.8949e-05)</p>

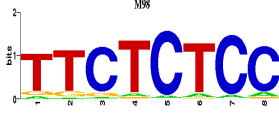

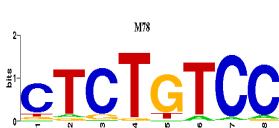
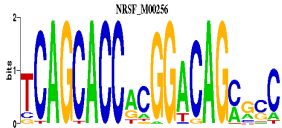
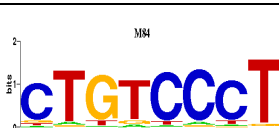
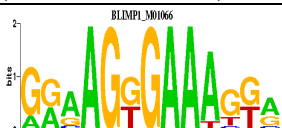




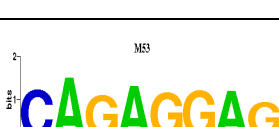


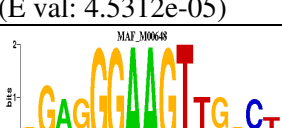


<p>M57</p> 	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 1.0676e-09)</p>
<p>M76</p> 	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 1.7265e-06)</p>
<p>M77</p> 	<p>AP-2_M00800</p>  <p>AP-2_M00800 (E val: 4.9953e-05)</p>
<p>M85</p> 	<p>BRK_M01096</p>  <p>BRK_M01096 (E val: 2.3981e-05)</p>
<p>M87</p> 	<p>BRK_M01096</p>  <p>BRK_M01096 (E val: 2.2036e-05)</p>
<p>M61</p> 	<p>ZBRK1_M01105</p>  <p>ZBRK1_M01105 (E val: 3.0028e-05)</p>
<p>M64</p> 	<p>Sry-beta_M00666</p>  <p>Sry-beta_M00666 (E val: 7.8130e-06)</p>
<p>M65</p> 	<p>LUN-1_M00480</p>  <p>LUN-1_M00480 (E val: 3.3304e-06)</p>

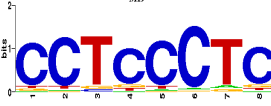




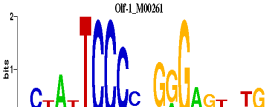







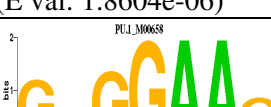


<p>M74</p>	<p>LUN-1_M00480 (E val: 2.6730e-07)</p>
<p>M3</p>	<p>CAC-binding_M00720 (E val: 2.1210e-10)</p>
<p>M13</p>	<p>GBF_M00633 (E val: 2.0556e-09)</p>
<p>M59</p>	<p>GLI_M01037 (E val: 2.0692e-09)</p>
<p>M86</p>	<p>Sp1_M00931 (E val: 3.6092e-08)</p>
<p>M97</p>	<p>CACD_M01113 (E val: 1.6308e-10)</p>
<p>M5</p>	<p>CACD_M01113 (E val: 8.4852e-06)</p>
<p>M14</p>	<p>HFH4_M00742 (E val: 1.1246e-05)</p>

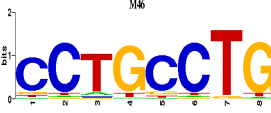














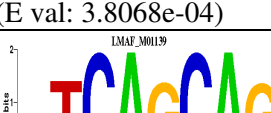
<p>M4</p>  <p>M4</p>	<p>AG_M01133</p>  <p>AG_M01133 (E val: 7.4229e-08)</p>
<p>M9</p>  <p>M9</p>	<p>Helios_M01004</p>  <p>Helios_M01004 (E val: 2.6007e-11)</p>
<p>M94</p>  <p>M94</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 3.9315e-07)</p>
<p>M22</p>  <p>M22</p>	<p>PBF_M01130</p>  <p>PBF_M01130 (E val: 2.2977e-06)</p>
<p>M31</p>  <p>M31</p>	<p>BLIMP1_M01066</p>  <p>BLIMP1_M01066 (E val: 6.7429e-09)</p>
<p>M83</p>  <p>M83</p>	<p>RBP-Jkappa_M01112</p>  <p>RBP-Jkappa_M01112 (E val: 2.1383e-07)</p>
<p>M12</p>  <p>M12</p>	<p>Tel-2_M00678</p>  <p>Tel-2_M00678 (E val: 1.0691e-07)</p>
<p>M20</p>  <p>M20</p>	<p>MAF_M00648</p>  <p>MAF_M00648 (E val: 3.3315e-06)</p>

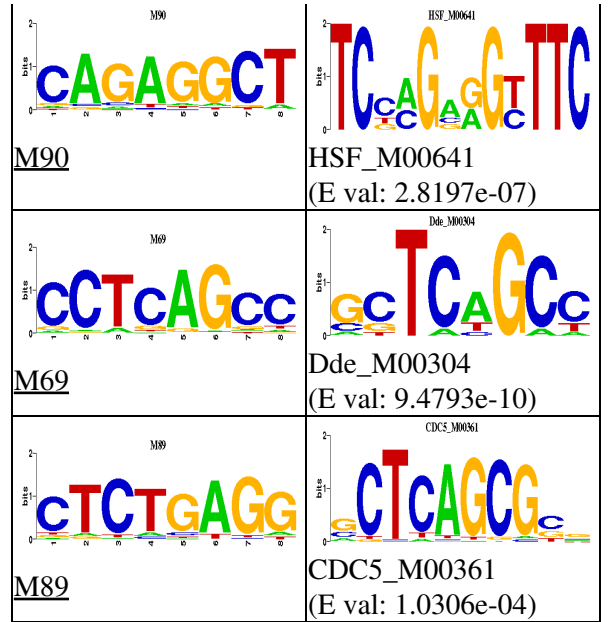
<p>M23</p>  <p>M23</p>	<p>MAF_M00648</p>  <p>MAF_M00648 (E val: 1.9065e-07)</p>
<p>M48</p>  <p>M48</p>	<p>TFII-I_M00706</p>  <p>TFII-I_M00706 (E val: 1.1901e-06)</p>
<p>M52</p>  <p>M52</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 4.4035e-06)</p>
<p>M24</p>  <p>M24</p>	<p>Tel-2_M00678</p>  <p>Tel-2_M00678 (E val: 2.8521e-09)</p>
<p>M35</p>  <p>M35</p>	<p>NERF1a_M00531</p>  <p>NERF1a_M00531 (E val: 2.4955e-09)</p>
<p>M91</p>  <p>M91</p>	<p>STAT5B_M00459</p>  <p>STAT5B_M00459 (E val: 1.9537e-10)</p>
<p>M6</p>  <p>M6</p>	<p>STE11_M01005</p>  <p>STE11_M01005 (E val: 2.1870e-07)</p>
<p>M11</p>  <p>M11</p>	<p>STE11_M01005</p>  <p>STE11_M01005 (E val: 5.5612e-07)</p>

<p>M39</p> 	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 7.5988e-06)</p>
<p>M66</p> 	<p>PBF_M01130</p>  <p>PBF_M01130 (E val: 2.0686e-06)</p>
<p>M10</p> 	<p>GAGA_M00723</p>  <p>GAGA_M00723 (E val: 1.4318e-06)</p>
<p>M15</p> 	<p>GAGA_M00723</p>  <p>GAGA_M00723 (E val: 6.3189e-07)</p>
<p>M38</p> 	<p>Pax-1_M00326</p>  <p>Pax-1_M00326 (E val: 5.6477e-06)</p>
<p>M26</p> 	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 7.6890e-07)</p>
<p>M32</p> 	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 4.5535e-06)</p>
<p>M34</p> 	<p>TBX5_M01044</p>  <p>TBX5_M01044 (E val: 2.3960e-04)</p>

 <p>M98</p>	 <p>ARF_M00438 (E val: 1.9498e-06)</p>
 <p>M78</p>	 <p>NRSF_M00256 (E val: 1.9971e-07)</p>
 <p>M84</p>	 <p>BLIMP1_M01066 (E val: 4.4673e-06)</p>
 <p>M30</p>	 <p>Sry-beta_M00666 (E val: 3.2434e-05)</p>
 <p>M36</p>	 <p>HSF_M00167 (E val: 5.3025e-06)</p>
 <p>M53</p>	 <p>Elf-1_M00746 (E val: 4.5312e-05)</p>
 <p>M54</p>	 <p>MAF_M00648 (E val: 4.4047e-06)</p>
 <p>M16</p>	 <p>TFII-I_M00706 (E val: 8.1560e-09)</p>

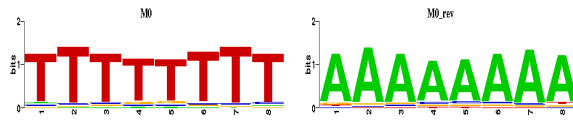
<p>M19</p>  <p>M19</p>	<p>TFII-I_M00706</p>  <p>TFII-I_M00706 (E val: 6.5448e-13)</p>
<p>M75</p>  <p>M75</p>	<p>TFII-I_M00706</p>  <p>TFII-I_M00706 (E val: 5.5035e-09)</p>
<p>M72</p>  <p>M72</p>	<p>Olf-1_M00261</p>  <p>Olf-1_M00261 (E val: 3.2068e-07)</p>
<p>M82</p>  <p>M82</p>	<p>TFII-I_M00706</p>  <p>TFII-I_M00706 (E val: 1.3693e-05)</p>
<p>M27</p>  <p>M27</p>	<p>SMAD3_M00701</p>  <p>SMAD3_M00701 (E val: 5.4516e-06)</p>
<p>M96</p>  <p>M96</p>	<p>SMAD3_M00701</p>  <p>SMAD3_M00701 (E val: 1.8604e-06)</p>
<p>M41</p>  <p>M41</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 7.3139e-11)</p>
<p>M40</p>  <p>M40</p>	<p>TFII-I_M00706</p>  <p>TFII-I_M00706 (E val: 1.4836e-07)</p>

<p>M46</p>  <p>M46</p>	<p>E2A_M00973</p>  <p>E2A_M00973 (E val: 1.0333e-05)</p>
<p>M43</p>  <p>M43</p>	<p>E2A_M00973</p>  <p>E2A_M00973 (E val: 8.9105e-06)</p>
<p>M44</p>  <p>M44</p>	<p>Sp1_M00931</p>  <p>Sp1_M00931 (E val: 5.9958e-08)</p>
<p>M68</p>  <p>M68</p>	<p>Sp1_M00933</p>  <p>Sp1_M00933 (E val: 1.0516e-07)</p>
<p>M42</p>  <p>M42</p>	<p>TAL1_M00993</p>  <p>TAL1_M00993 (E val: 8.9826e-06)</p>
<p>M60</p>  <p>M60</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 3.0359e-06)</p>
<p>M67</p>  <p>M67</p>	<p>TAL1_M00993</p>  <p>TAL1_M00993 (E val: 3.8068e-04)</p>
<p>M45</p>  <p>M45</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 8.5621e-06)</p>



Motif Similarity Matches

M0

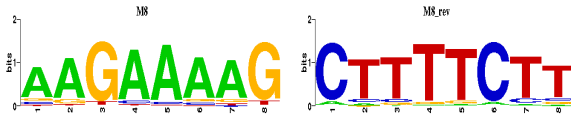


forward

reverse compliment

Name	E value	Alignment	Motif
Hb_M00022	1.1072e-06	-TTTTTTTT NTTTTTNYK	
MEF-2_M00006	2.2555e-06	----TTTTTTTT-- RGRGTTATTTTTAGA	
MEF-2_M00406	2.9658e-06	---AAAAAAA--- KCTAAAAATAACCCN	
aMEF-2_M00403	4.3590e-06	----TTTTTTTT---- KKRGNTATTTTTARNCM	
MEF-2_M00405	5.3266e-06	--TTTTTTTT---- RGKNWTTTTTANNM	

M8

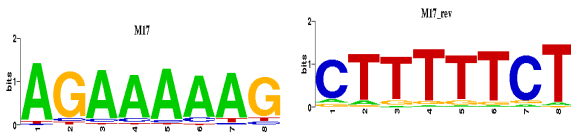


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00163	1.0236e-08	---CTTTTCTT--- NTTCTNTTCTNTTC	
Rim101p_M01030	1.1051e-06	-AAGAAAAG CAAGNAA--	
HSF_M00166	3.3619e-06	---CTTTTCTT--- NTTCTNTTCTAGAA	
Evi-1_M00078	6.2487e-06	---CTTTTCTT--- TTATCTTATCTRTC	
Evi-1_M00011	1.5498e-05	CTTTTCTT- -TTATCTTG	

M17

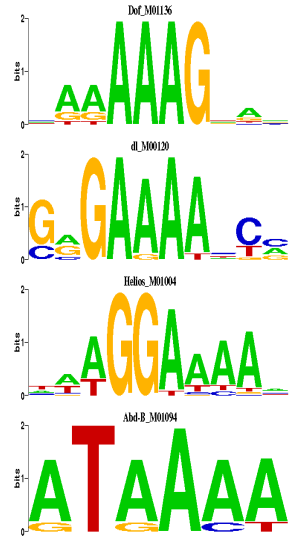


forward

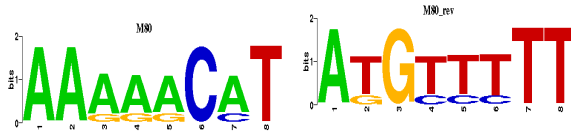
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
dl_M00043	1.8487e-05	-CTTTTTCT- GGTTTTCCN	

Dof_M01136	3.3931e-05	---CTTTTTCT NNNCTTTTTN-
dl_M00120	1.8519e-04	-CTTTTTCT- NGNTTTCYC
Helios_M01004	2.0504e-04	--AGAAAAAG NWAGGAAAAAN
Abd-B_M01094	2.2772e-04	CTTTTTCT --TTTTAT



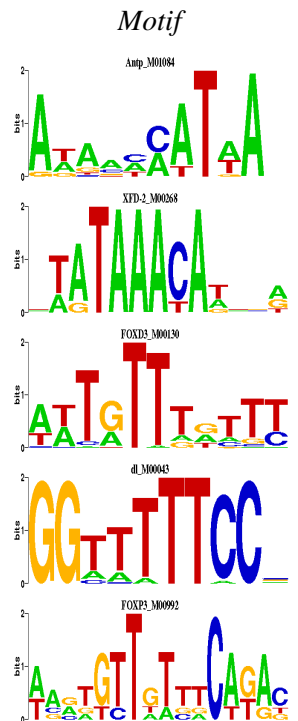
M80



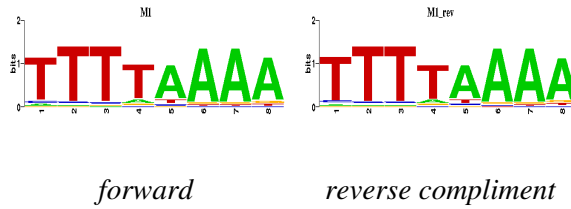
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Antp_M01084	7.1148e-06	---ATGTTTTT NTWATKNNWT
XFD-2_M00268	1.1416e-05	---ATGTTTTT-- YNNWTGTTTATAN
FOXD3_M00130	1.5801e-05	-ATGTTTTT-- AWTGTTTNTTT
dl_M00043	3.3225e-05	---AAAAACAT NGGAAAAACC-
FOXP3_M00992	1.4854e-04	-----AAAAACAT-- NTMTGNNANAACNNNW



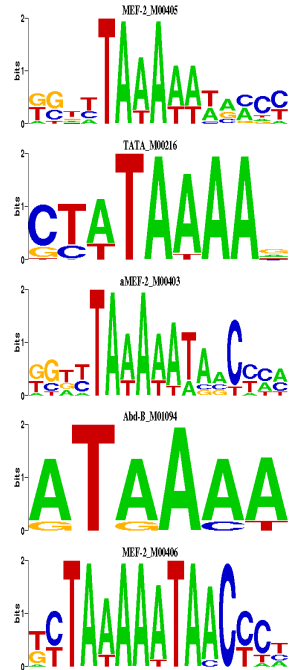
M1



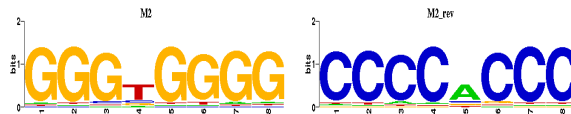
forward

reverse compliment

Name	E value	Alignment
MEF-2_M00405	2.6081e-06	-----TTTTAAAA- RGKNWTTTTTANNMS
TATA_M00216	5.7713e-06	-TTTTAAAA NTTTTATAG
aMEF-2_M00403	1.7423e-05	-----TTTTAAAA- KKRGNtATTTTTARNcM
Abd-B_M01094	2.5432e-05	TTTTAAAA --ATAAAA
MEF-2_M00406	1.2956e-04	-----TTTTAAAA NGGGTTATTTTTAGM-



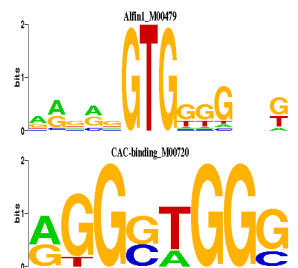
M2



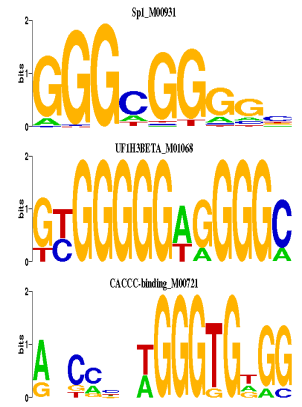
forward

reverse compliment

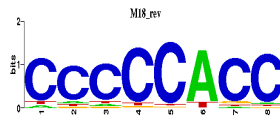
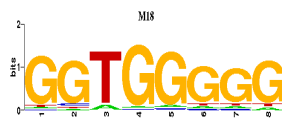
Name	E value	Alignment
Alfin1_M00479	2.2529e-09	---CCCCACCC--- MNNCCCCACNYNYN
CAC-binding_M00720	1.5707e-08	CCCCACCC- -CCCASCCY



Sp1_M00931	2.2514e-08	GGGTGGGG- GGGCGGGN
UF1H3BETA_M01068	3.1211e-08	----GGGTGGGG- GYGGGGGAGGGGC
CACCC-binding_M00721	6.6177e-08	CCCCACCC----- CCNCACCCWNNKGNT



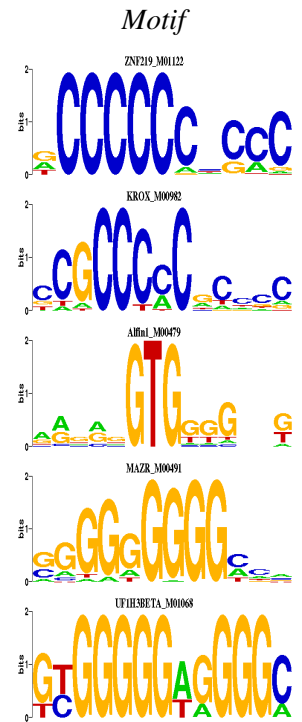
M18



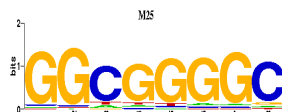
forward

reverse compliment

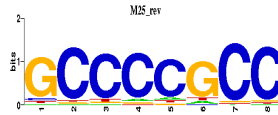
Name	E value	Alignment
ZNF219_M01122	2.1668e-07	--CCCCCACC- NCCCCCNCCC
KROX_M00982	2.3192e-07	--GGTGGGGG--- GNNGNGGGGGCGG
Alfin1_M00479	2.3790e-07	--CCCCCACC----- MNNCCCCACNYNYN
MAZR_M00491	1.2987e-06	---CCCCCACC- NNKCCCCCCCCS
UF1H3BETA_M01068	1.3084e-06	-----CCCCCACC GCCCTCCCCRC-



M25



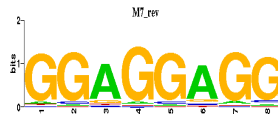
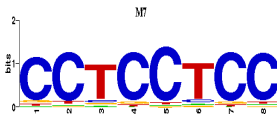
forward



reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GC_M00255	1.4967e-10	--GCCCCGCC-- NNGCCCCGCCNN	
Sp1_M00931	2.6038e-09	-GGCGGGGC GGCGGGGN	
Sp1_M00008	2.2844e-08	GCCCCGCC- WCCYGCCY	
Sp1_M00196	6.3493e-08	-GCCCCGCC-- NNCCCCGCCCN	
Sp1_M00932	6.7235e-08	-GCCCCGCC-- NNCCCCGCCCN	

M7



forward

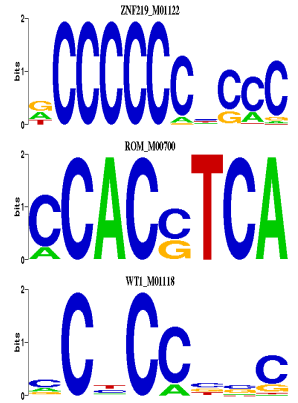
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	2.1472e-06	---CCTCCTCC-- GCCCTCCCCRC	
PU.1_M00658	3.5989e-06	CCTCCTCC CTTCCTC-	

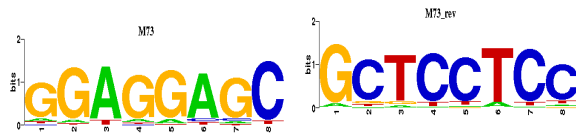
Stamp Results

10/01/13

ZNF219_M01122	1.1660e-05	-GGAGGAGG-- GGGNNGGGGGGN
ROM_M00700	7.3804e-05	GGAGGAGG TGASGTGG
WT1_M01118	9.4890e-05	GGAGGAGG GNNGGNGN



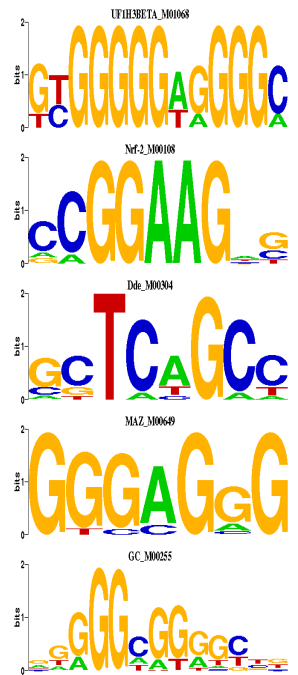
M73



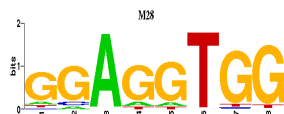
forward

reverse complement

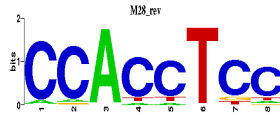
Name	E value	Alignment
UF1H3BETA_M01068	4.3999e-06	-----GGAGGAGC GYGGGGGAGGGGC
Nrf-2_M00108	1.3243e-04	GCTCCTCC-- -SNCTTCCGG
Dde_M00304	2.2232e-04	GCTCCTCC GCTCAGCC
MAZ_M00649	2.3792e-04	GCTCCTCC- --CCCTCCC
GC_M00255	2.6527e-04	--GCTCCTCC--- NNGCCCCGCCNN



M28

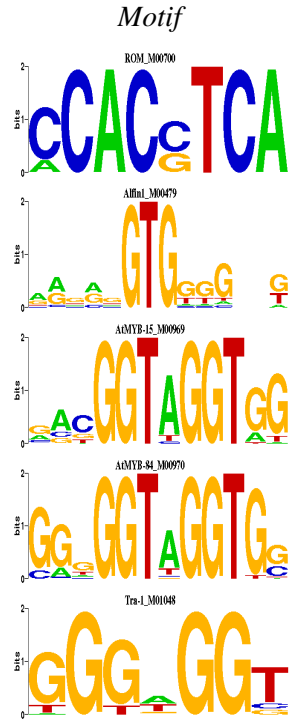


forward

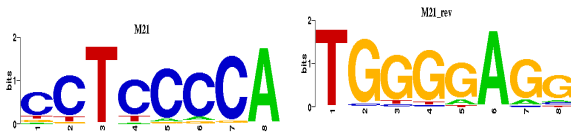


reverse compliment

Name	E value	Alignment
ROM_M00700	4.9716e-09	GGAGGTGG TGASGTGG
Alfin1_M00479	1.5977e-07	-----CCACCTCC-- MNNCCCCACNYYN
AtMYB-15_M00969	1.6601e-06	----GGAGGTGG NACGGTAGGTGG
AtMYB-84_M00970	3.6988e-06	----GGAGGTGG GGNGGTAGGTGS
Tra-1_M01048	3.7775e-06	CCACCTCC-- --ACCWCCC



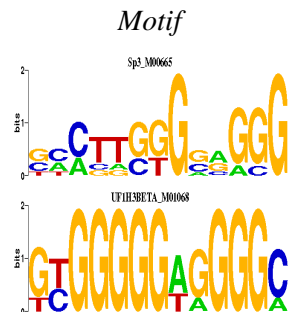
M21






forward

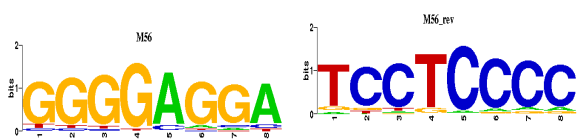
reverse compliment

Name	E value	Alignment
Sp3_M00665	1.1274e-08	-CCTCCCCA---- CCCYSCCCAAGKS
UF1H3BETA_M01068	2.4826e-07	---CCTCCCCA-- GCCCTCCCCRC








MAZ_M00649	2.4843e-07	-CCTCCCCA CCCTCCC--	
Tra-1_M01048	3.2165e-06	TGGGGAGG- --GGGWGGT	
Lyf-1_M00141	4.3555e-06	CCTCCCCA YCTCCCAA	

M56

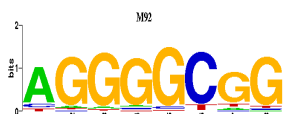


forward

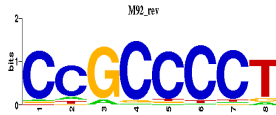
reverse compliment

Name	E value	Alignment	Motif
MAZ_M00649	1.8279e-07	TCCTCCCC CCCTCCC-	
UF1H3BETA_M01068	3.2154e-07	--TCCTCCCC--- GCCCTCCCCRC	
Tra-1_M01048	4.1252e-06	TCCTCCCC ACCWCCC-	
Sp1_M00933	6.6410e-06	-GGGGAGGA NGGGMGGG	
TFII-I_M00706	8.3956e-06	-GGGGAGGA GANGKAGG-	

M92

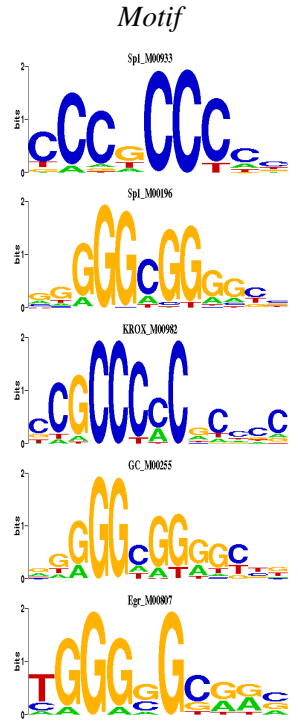


forward

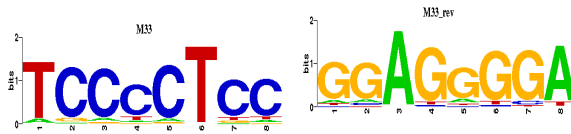


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Sp1_M00933	4.9865e-09	AGGGGCGG- NNGGGMGGG
Sp1_M00196	7.0476e-08	AGGGGCGG---- NNGGGCGGGGNN
KROX_M00982	2.2287e-07	CCGCCCT----- CCGCCCCNCNNC
GC_M00255	3.3722e-07	AGGGGCGG---- NNGGGCGGGCNN
Egr_M00807	4.0143e-06	-CCGCCCT- NYYGCSCCA



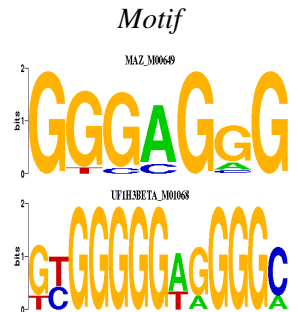
M33



forward

reverse compliment

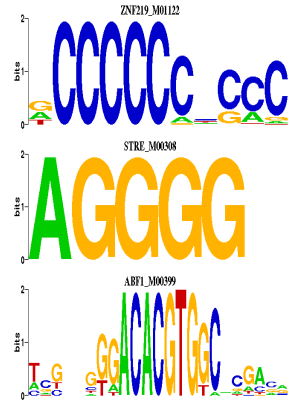
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAZ_M00649	2.0498e-07	TCCCCTCC- --CCCTCCC
UF1H3BETA_M01068	3.1208e-07	-----GGAGGGGA GYGGGGGAGGGGC



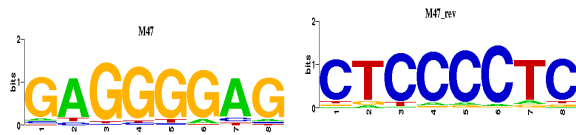
Stamp Results

10/01/13

ZNF219_M01122	1.8118e-06	-GGAGGGGA-- GGGNGGGGGGN
STRE_M00308	1.8537e-05	TCCCCTCC NCCCCT--
ABF1_M00399	1.8605e-05	-GGAGGGGA----- WNNNNGGGACACGTGGCNGANN



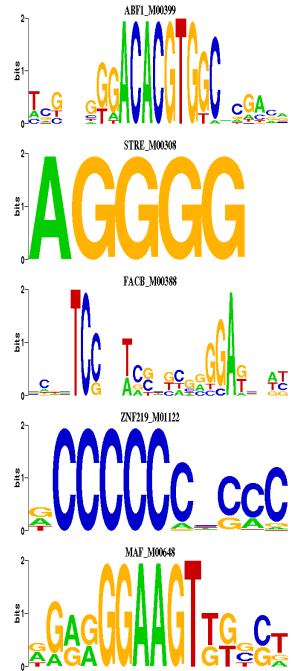
M47



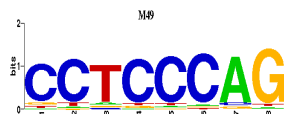
forward

reverse compliment

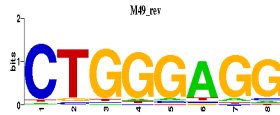
Name	E value	Alignment
ABF1_M00399	1.3088e-05	-----CTCCCCCTC-- NNTCNNGCCACGTGTCCCNNNNW
STRE_M00308	1.8863e-05	CTCCCCCTC -NCCCCT-
FACB_M00388	2.3427e-05	---CTCCCCCTC----- NNNNTCCNNTNSNNNNNGGAKNNNN
ZNF219_M01122	3.4278e-05	--GAGGGGAG- GGGNGGGGGGN
MAF_M00648	4.7548e-05	-----CTCCCCCTC- NSNMMACTTCCYYCN



M49



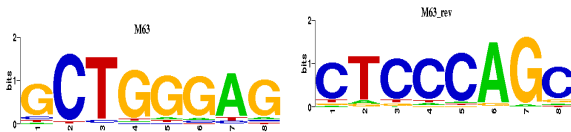
forward



reverse compliment

Name	E value	Alignment	Motif
Lyf-1_M00141	5.2765e-08	CCTCCCAG YCTCCCAA	
MAZ_M00649	2.0935e-07	CTGGGAGG- --GGGAGGG	
Tra-1_M01048	2.6007e-06	-CCTCCCAG ACCWCCC--	
TFII-I_M00706	1.3199e-05	CTGGGAGG GANGKAGG	
GLI_M01037	1.5306e-05	---CCTCCCAG NGACCACCCAN	

M63



forward

reverse compliment

Name	E value	Alignment	Motif
Lyf-1_M00141	2.1228e-06	-CTCCCAGC YCTCCCAA-	
LUN-1_M00480	1.6687e-04	-----GCTGGGAG TCCCAAAGTAGCTGGG--	

RBP-Jkappa_M01111 1.7222e-04

GCTGGGAG
NGTGGGA-



CAC-binding_M00720 1.8515e-04

CTCCCAGC--
--CCASCY

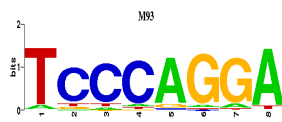


MAZ_M00649 1.9190e-04

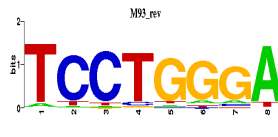
--CTCCCAGC
CCCTCCC---



M93



forward



reverse compliment

Name

E value

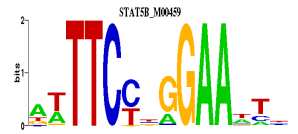
Alignment

Motif

STAT5B_M00459

5.1895e-06

---TCCTGGGA---
NWTTCNGGAANYN



STAT_M00777

7.5837e-06

----TCCTGGGA
NNNNTTCNGGA



KAISO_M01119

1.7531e-05

-TCCCAGGA
NTNGCAGGA



RBP-Jkappa_M01111 2.8256e-05

TCCTGGGA
-NGTGGGA



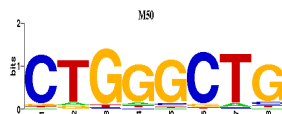
STATx_M00223

3.6710e-05

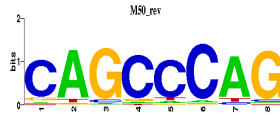
TCCCAGGA
TCCCRKAA



M50

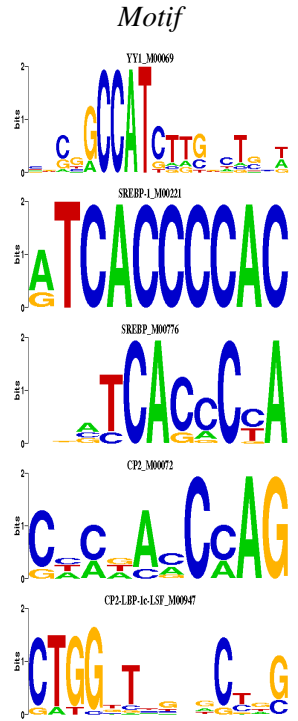


forward

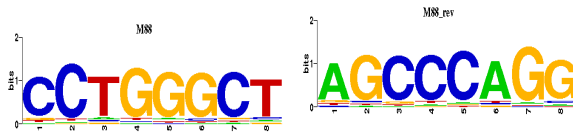


reverse compliment

Name	E value	Alignment
YY1_M00069	4.5223e-05	--CAGCCCAG----- WNSANNCAAGATGGCNGNN
SREBP-1_M00221	7.5685e-05	CTGGGCTG-- GTGGGGTGAT
SREBP_M00776	1.8108e-04	CTGGGCTG---- -TRGGGTGANNN
CP2_M00072	2.2861e-04	CTGGGCTG-- CTGGKTNGNG
CP2-LBP-1c-LSF_M00947	4.8986e-04	-----CAGCCCAG CNRGNNNANCCAG



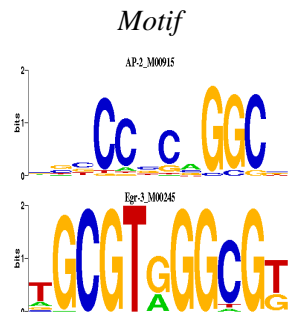
M88



forward

reverse compliment

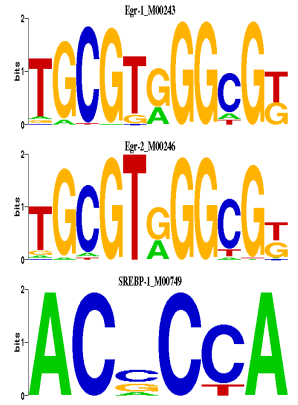
Name	E value	Alignment
AP-2_M00915	2.4510e-04	--CCTGGGCT-- NGCCNGNGGNNN
Egr-3_M00245	3.5548e-04	-AGCCCAGG-- ACGCCACGCA



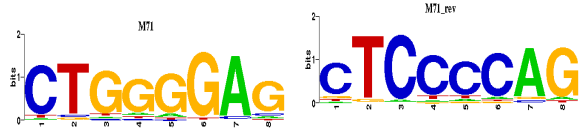
Stamp Results

10/01/13

Egr-1_M00243	4.0327e-04	-AGCCCAGG-- MCGCCCACGCA
Egr-2_M00246	5.3418e-04	-AGCCCAGG-- MCGCCCACGCA
SREBP-1_M00749	6.1783e-04	CCTGGGCT --TGGSCT



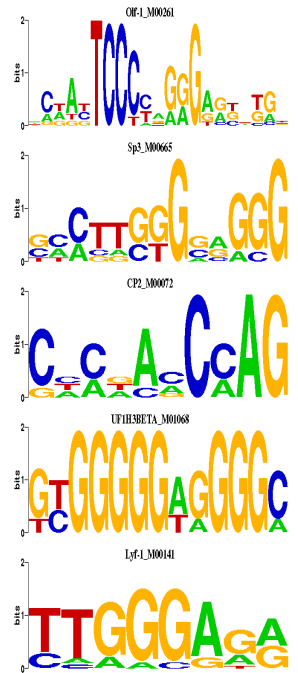
M71



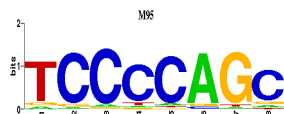
forward

reverse compliment

Name	E value	Alignment
Olf-1_M00261	2.7300e-07	-----CTGGGGAG----- NCMNNYTCCCNRGGGANTNGN
Sp3_M00665	1.9469e-05	--CTCCCCAG--- CCCYSCCCAAGKS
CP2_M00072	6.5529e-05	CTGGGGAG-- CTGGKTNGNG
UF1H3BETA_M01068	7.1543e-05	----CTCCCCAG- GCCCTCCCCRC
Lyf-1_M00141	7.7212e-05	-CTCCCCAG YCTCCCAA-



M95

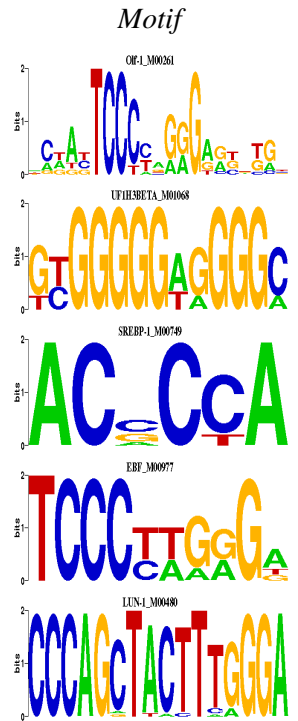


forward

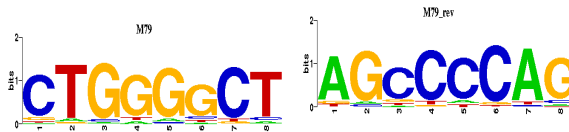


reverse compliment

Name	E value	Alignment
Olf-1_M00261	1.0115e-05	-----GCTGGGGA----- NCMNNYTCCCNRGGGANTNGN
UF1H3BETA_M01068	7.0656e-05	-----TCCCCAGC GCCCTCCCCRC
SREBP-1_M00749	8.9629e-05	GCTGGGGA --TGSST
EBF_M00977	1.5088e-04	--GCTGGGGA NCYCWRGGGA
LUN-1_M00480	1.6636e-04	-----GCTGGGGA TCCCAAAGTAGCTGGG--



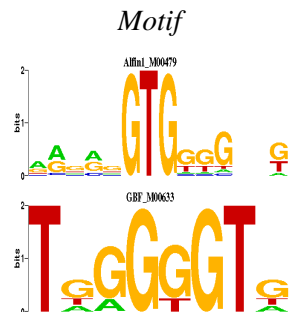
M79



forward

reverse compliment

Name	E value	Alignment
Alfin1_M00479	1.3091e-05	-AGCCCCAG----- MNNCCCCACNYYN
GBF_M00633	2.6696e-05	-AGCCCCAG NACCCcNA-



Stamp Results

10/01/13

SREBP-1_M00749 1.1194e-04

CTGGGGCT
-TGSGT-



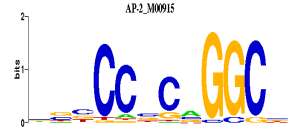
BRK_M01096 2.0922e-04

CTGGGGCT
NTGGCG--

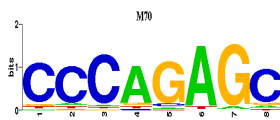


AP-2_M00915 3.0560e-04

-AGCCCCAG---
NNNCCNCNGGCN



M70



forward



reverse compliment

Name

E value

Alignment

Motif

STAT_M00777

4.7838e-04

-CCCAGAGC---
TCCNAGAANNNN



Eve_M00629

7.3653e-04

--GCTCTGGG
NWSSNCNGC-



CDC5_M00361

7.8328e-04

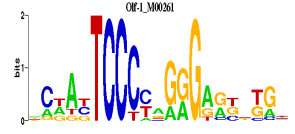
--CCCAGAGC
NSCGCTGAGS



Olf-1_M00261

8.0177e-04

-----GCTCTGGG-----
NCMNNYTCCCNRRGGGANTNGN



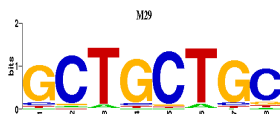
LUN-1_M00480

9.8063e-04

-CCCAGAGC-----
TCCCAAAGTAGCTGGG



M29

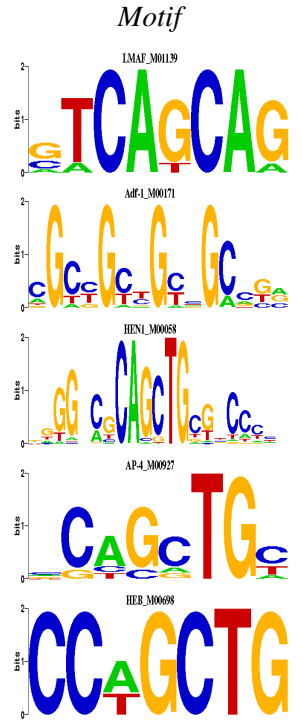


forward

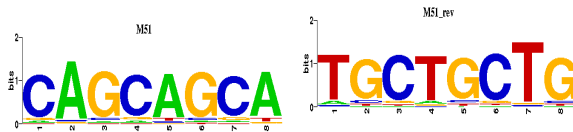


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
LMAF_M01139	1.5431e-06	GCTGCTGC- -CTGCTGAS
Adf-1_M00171	1.9937e-06	-----GCAGCAGC- NMNGCNRRCRGCRGCG
HEN1_M00058	5.3551e-06	-----GCTGCTGC----- NNGGNCGCAGCTGCGNCCNNN
AP-4_M00927	1.2091e-05	GCAGCAGC RCAGCTGN
HEB_M00698	1.3320e-05	GCAGCAGC -CAGCWGG



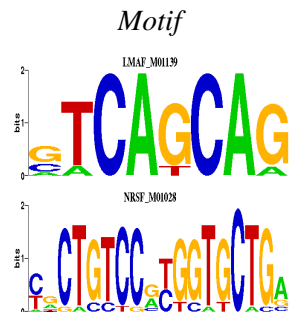
M51



forward

reverse compliment

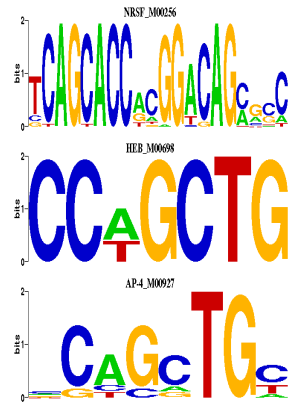
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
LMAF_M01139	1.4722e-06	TGCTGCTG-- --CTGCTGAS
NRSF_M01028	1.0388e-05	-CAGCAGCA----- TCAGCACCRYGGACAGNR



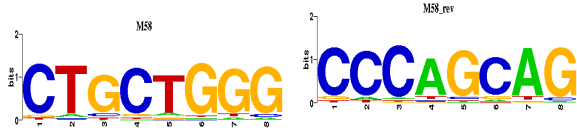
Stamp Results

10/01/13

NRSF_M00256	1.0988e-05	-----TGCTGCTG-- GSYGCTGTCCGTGGTGCTGA
HEB_M00698	1.6521e-05	CAGCAGCA CAGCWGG-
AP-4_M00927	3.6527e-05	-CAGCAGCA NCAGCTGY-



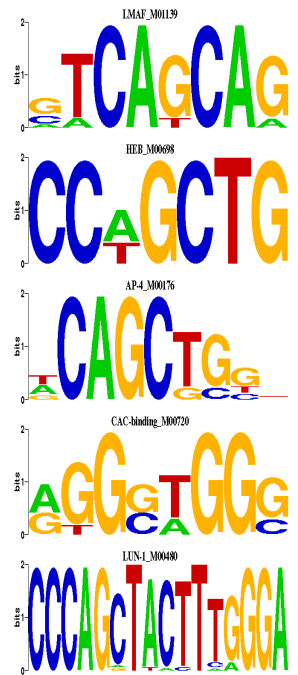
M58



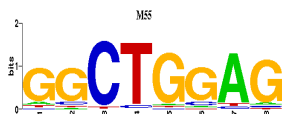
forward

reverse compliment

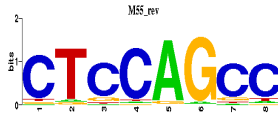
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.4739e-06	CTGCTGGG CTGCTGAS	
HEB_M00698	5.8942e-06	CTGCTGGG CAGCWGG-	
AP-4_M00176	7.7617e-05	-CTGCTGGG NCAGCTGNN	
CAC-binding_M00720	1.3045e-04	CCCAGCAG CCCASCCY	
LUN-1_M00480	1.6841e-04	-----CTGCTGGG TCCCAAAGTAGCTGGG	



M55



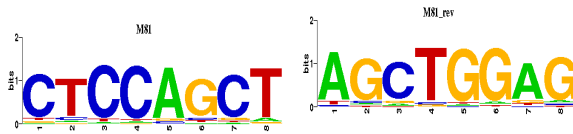
forward



reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Barbie_M00238	2.6203e-05	-CTCCAGCC----- CMNNCNSCTTTNNN	
CAC-binding_M00720	1.3317e-04	-GGCTGGAG RGGSTGGG-	
BRK_M01096	1.8110e-04	GGCTGGAG --NTGGCG	
HEB_M00698	6.5477e-04	-GGCTGGAG CAGCWGG--	
ZID_M00085	8.8102e-04	--GGCTGGAG-- GRTGATRGAGCC	

M81



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Barbie_M00238	1.0860e-08	-CTCCAGCT----- CMNNCNSCTTTNNN	
HEB_M00698	1.0951e-06	-AGCTGGAG CAGCWGG--	

Stamp Results

10/01/13

LBP-1_M00644 5.2149e-06

CTCCAGCT
--SCAGCN



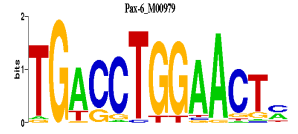
AP-4_M00176 1.3355e-05

CTCCAGCT--
-NNCAGCTGN

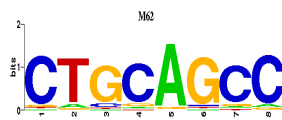


Pax-6_M00979 8.5289e-05

---CTCCAGCT--
KAGTTCAGGTCA



M62



forward



reverse compliment

Name

E value

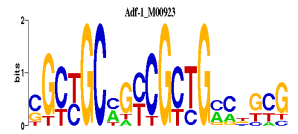
Alignment

Motif

Adf-1_M00923

3.4579e-06

-----GGCTGCAG--
CRMNKKCAGCGRCKGCRGCS



LBP-1_M00644

7.9161e-05

CTGCAGCC
--SCAGCN



RCS1_M00753

1.0116e-04

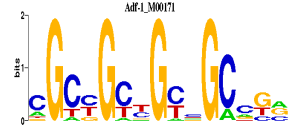
CTGCAGCC----
MTGCACCCANTT



Adf-1_M00171

1.6920e-04

-----CTGCAGCC--
CGCYGCGYNGCNKN



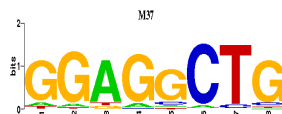
SMAD4_M00733

2.8035e-04

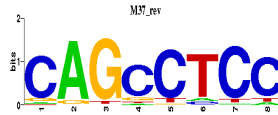
-----GGCTGCAG--
RGNTGKCTGNMYSN



M37

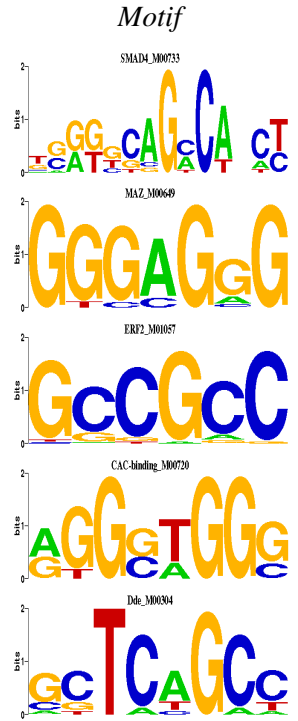


forward

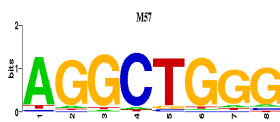


reverse compliment

Name	E value	Alignment
SMAD4_M00733	4.8949e-05	-----CAGCCTCC-- NSRKNCAGMCANCY
MAZ_M00649	2.5849e-04	-GGAGGCTG GGGAGGG--
ERF2_M01057	3.5195e-04	GGAGGCTG GGCGGC--
CAC-binding_M00720	5.8929e-04	--CAGCCTCC CCCASCCY--
Dde_M00304	9.8695e-04	GGAGGCTG--- ---GGCTGAGC



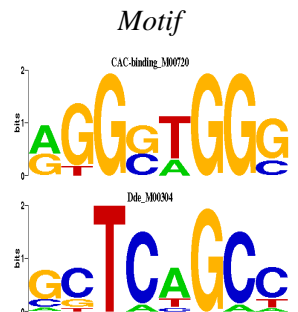
M57



forward

reverse compliment

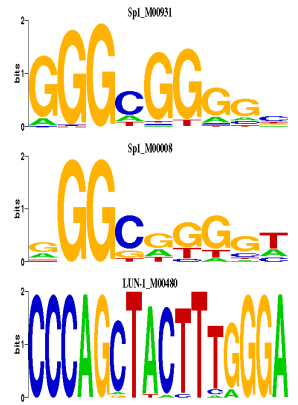
Name	E value	Alignment
CAC-binding_M00720	1.0676e-09	CCCAGCCT CCCASCCY
Dde_M00304	2.1405e-05	AGGCTGGG-- -GGCTGAGC



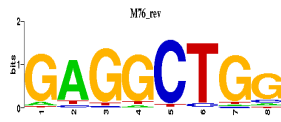
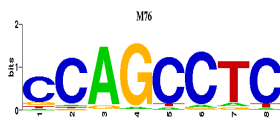
Stamp Results

10/01/13

Sp1_M00931	3.6180e-05	AGGCTGGG- GGCGGGGN
Sp1_M00008	4.0516e-05	-CCCAGCCT WCCCYGCCY
LUN-1_M00480	1.6975e-04	CCCAGCCT----- CCCAGCTACTTTGGGA



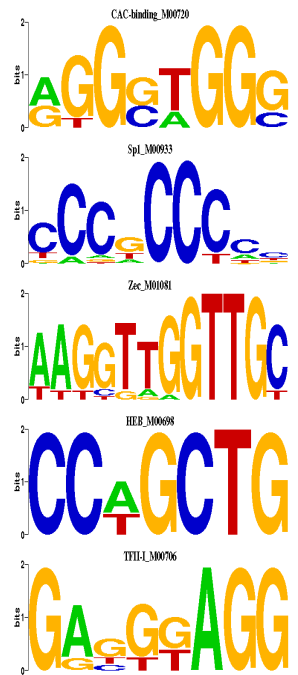
M76



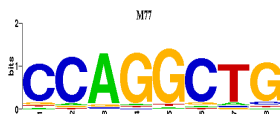
forward

reverse compliment

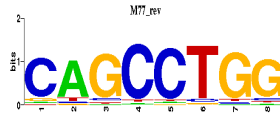
Name	E value	Alignment
CAC-binding_M00720	1.7265e-06	-CCAGCCTC CCCASCCY-
Sp1_M00933	3.4698e-04	-GAGGCTGG NNGGGMGGG
Zec_M01081	4.5714e-04	----CCAGCCTC GCAACCAACCTT
HEB_M00698	6.6998e-04	GAGGCTGG -CAGCWGG
TFII-I_M00706	8.1796e-04	CCAGCCTC CCTMCNTC



M77

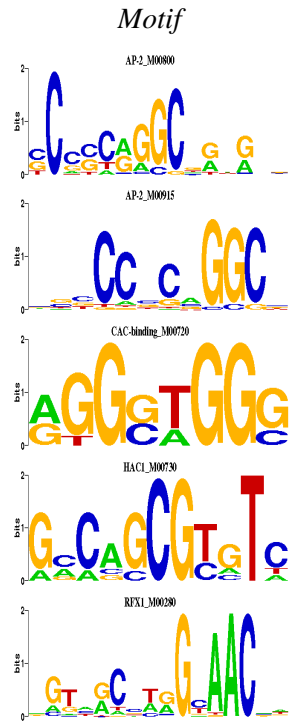


forward

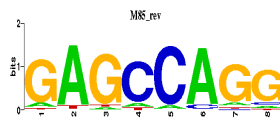
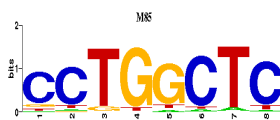


reverse compliment

Name	E value	Alignment
AP-2_M00800	4.9953e-05	----CAGCCTGG--- NNYNYNGCCYGSSGS
AP-2_M00915	2.0446e-04	CAGCCTGG----- -NGCCNGNGGNNN
CAC-binding_M00720	3.7882e-04	--CAGCCTGG CCCASCCY--
HAC1_M00730	6.6994e-04	-CCAGGCTG-- GACACGCTGKC
RFX1_M00280	7.1513e-04	--CAGCCTGG----- NGTNRCNWRGYAACNN



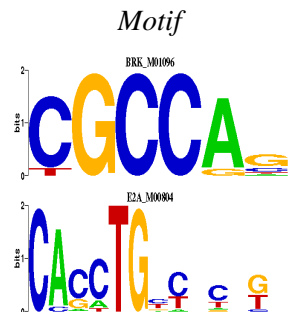
M85



forward

reverse compliment

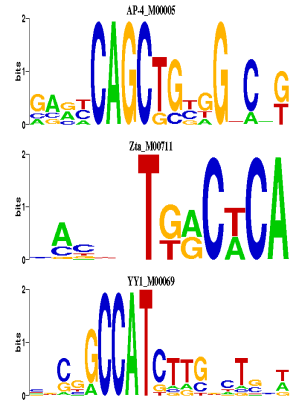
Name	E value	Alignment
BRK_M01096	2.3981e-05	CCTGGCTC -NTGGCG-
E2A_M00804	1.4092e-04	---GAGCCAGG-- NMNGNGNCAGGTG



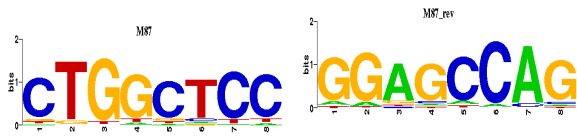
Stamp Results

10/01/13

AP-4_M00005	3.2466e-04	-----CCTGGCTC MNGNCNNCAGCTGNNNN
Zta_M00711	5.2368e-04	-GAGCCAGG--- TGWGYCANNNTN
YY1_M00069	9.5029e-04	--GAGCCAGG----- WNSANNCAAGATGGCNGNN



M87

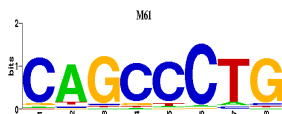


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BRK_M01096	2.2036e-05	CTGGCTCC NTGGCG--	
myogenin_M00056	1.0226e-04	--CTGGCTCC----- NNYTGGCNSNGTGCCAAANNNNACAGST	
SMAD4_M00733	1.6979e-04	--CTGGCTCC---- RGNTGKCTGNMYSN	
AP-4_M00005	2.8116e-04	-----CTGGCTCC MNGNCNNCAGCTGNNNN-	
YY1_M00069	4.3626e-04	-GGAGCCAG----- WNSANNCAAGATGGCNGNN	

M61

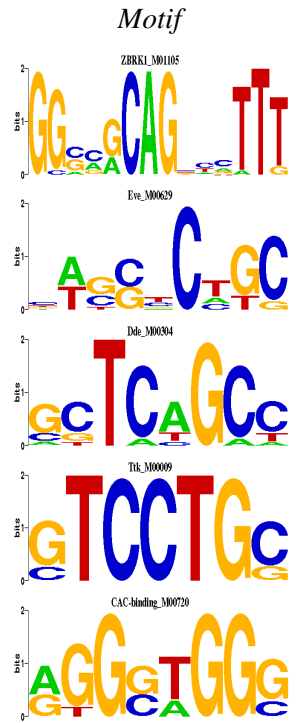


forward

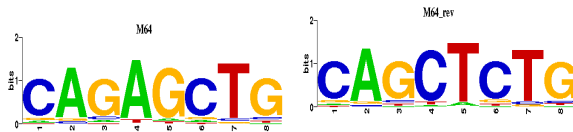


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
ZBRK1_M01105	3.0028e-05	-----CAGCCCTG-- GGSMGCAGNNNTTT
Eve_M00629	9.3194e-05	-CAGGGCTG GCNGNSSWN
Dde_M00304	8.5091e-04	CAGGGCTG--- ---GGCTGAGC
Ttk_M00009	1.5126e-03	-CAGGGCTG GCAGGAC--
CAC-binding_M00720	2.5073e-03	--CAGCCCTG CCCASCCY--



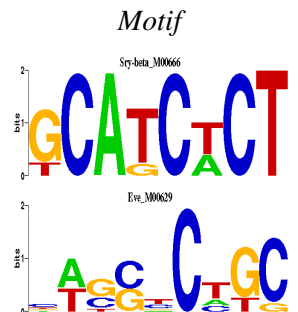
M64



forward

reverse compliment

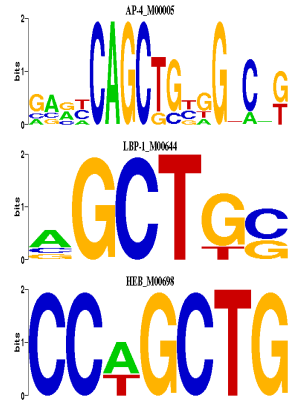
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Sry-beta_M00666	7.8130e-06	CAGAGCTG- -AGWGATGC
Eve_M00629	2.1905e-05	CAGCTCTG- NWSSNCNGC



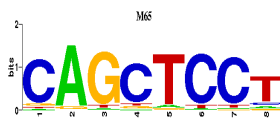
Stamp Results

10/01/13

AP-4_M00005	2.2924e-05	----CAGCTCTG----- NNNNCAGCTGNNGNCNK
LBP-1_M00644	4.3903e-05	-CAGCTCTG SCAGCN---
HEB_M00698	4.8660e-04	CAGCTCTG CAGCWGG-



M65

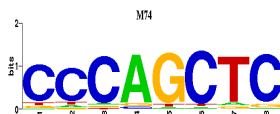


forward

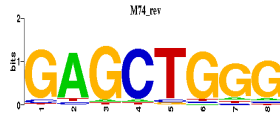
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LUN-1_M00480	3.3304e-06	-----AGGAGCTG-- TCCCAAAGTAGCTGGG	
TAL1_M00993	6.9704e-06	AGGAGCTG- RNCAGNTGG	
LBP-1_M00644	4.1490e-05	-CAGCTCCT SCAGCN---	
AP-4_M00927	5.5271e-05	-CAGCTCCT NCAGCTGY-	
NRSE_M00325	6.1324e-05	-CAGCTCCT----- TCAGCACCNCGGAGAGYGCC	

M74

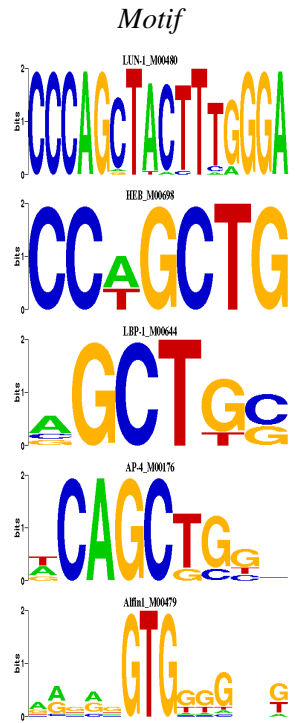


forward

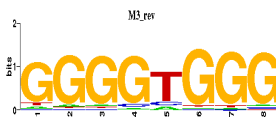
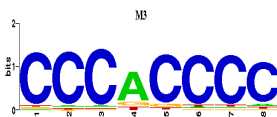


reverse compliment

Name	E value	Alignment
LUN-1_M00480	2.6730e-07	CCCAGCTC----- CCCAGCTACTTTGGGA
HEB_M00698	1.1353e-06	GAGCTGGG CAGCWGG-
LBP-1_M00644	4.5902e-06	CCCAGCTC -SCAGCN-
AP-4_M00176	1.3117e-05	CCCAGCTC- NNCAGCTGN
Alfin1_M00479	8.4819e-05	----CCCAGCTC-- MNNCCCCACNYNYN



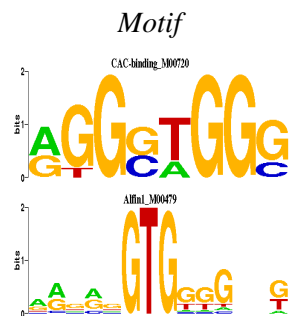
M3



forward

reverse compliment

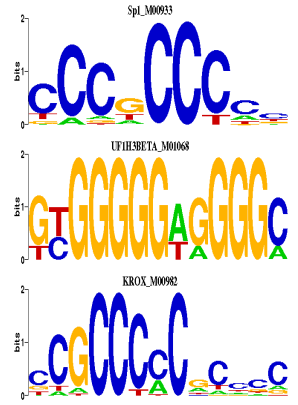
Name	E value	Alignment
CAC-binding_M00720	2.1210e-10	CCCACCCC CCCASCCY
Alfin1_M00479	2.5781e-09	--GGGGTGGG---- NRNRNGTGGGGNNK



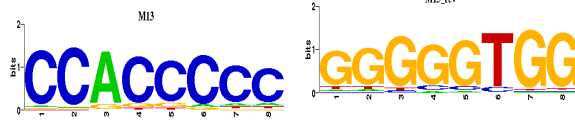
Stamp Results

10/01/13

Sp1_M00933	1.0986e-08	CCCACCCC- CCCKCCCCN
UF1H3BETA_M01068	1.5661e-08	--CCCACCCC--- GCCCTCCCCRC
KROX_M00982	8.2335e-08	GGGGTGGG----- GNNGNNGGGGGCGG



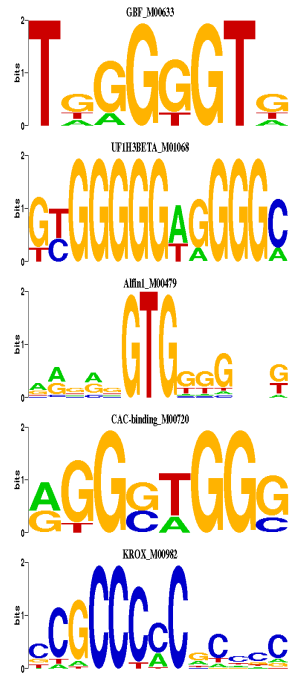
M13



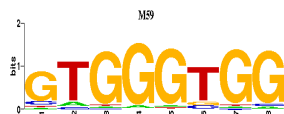
forward

reverse compliment

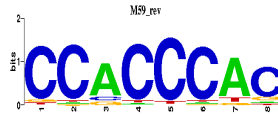
Name	E value	Alignment	Motif
GBF_M00633	2.0556e-09	CCACCCC- -NACCCNA	
UF1H3BETA_M01068	4.1224e-08	--GGGGTGG--- GYGGGGGAGGGGC	
Alfin1_M00479	3.1764e-07	-----CCACCCC- MNNCCCCACNYNYN	
CAC-binding_M00720	7.1042e-07	GGGGTGG- -RGGSTGGG	
KROX_M00982	7.4532e-07	-----GGGGTGG GNNGNNGGGGGCGG	



M59

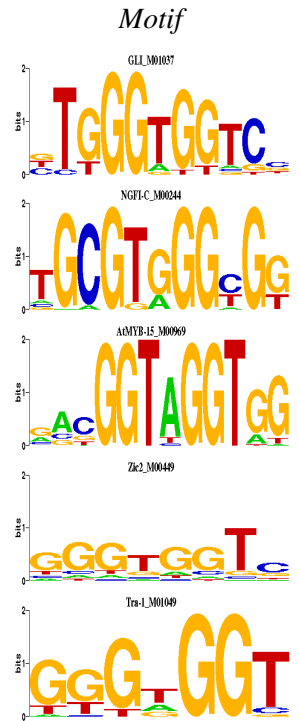


forward

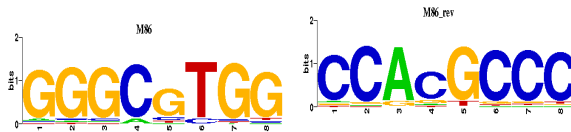


reverse compliment

Name	E value	Alignment
GLI_M01037	2.0692e-09	---CCACCCAC NGACCACCCAN
NGFI-C_M00244	9.0701e-09	CCACCCAC--- CCRCCCACGCA
AtMYB-15_M00969	1.2285e-06	CCACCCAC---- CCACCTACCGTN
Zic2_M00449	1.2805e-06	--CCACCCAC NACCACCC--
Tra-1_M01049	1.4905e-06	GTGGGTGG- --GGNGGT



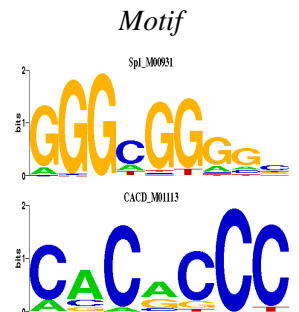
M86



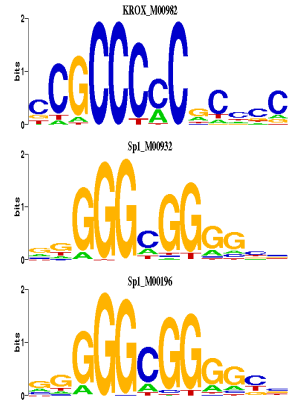
forward

reverse compliment

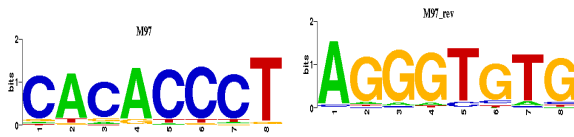
Name	E value	Alignment
Sp1_M00931	3.6092e-08	-CCACGCC NCCCCGCC
CACD_M01113	3.6757e-08	GGGCGTGG GGGYGTG-



KROX_M00982	1.0904e-07	-GGGCGTGG---- GNNGNGGGGGCGG
Sp1_M00932	6.5383e-07	--CCACGCCC-- NNCCCCGCCCNN
Sp1_M00196	7.1868e-07	--CCACGCCC-- NNCCCCGCCCCN



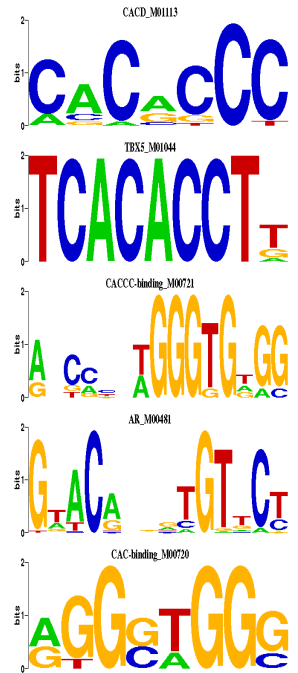
M97



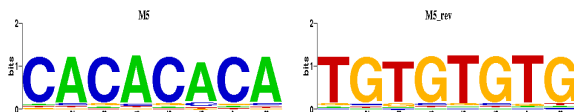
forward

reverse complement

Name	E value	Alignment
CACD_M01113	1.6308e-10	CACACCCT CACRCC-
TBX5_M01044	5.0020e-08	AGGGTGTG- AAGGTGTGA
CACCC-binding_M00721	1.8579e-07	-CACACCCT----- CCNCACCCWNNKGNT
AR_M00481	1.7891e-06	--CACACCCT---- AGNACANNNTGTWC
CAC-binding_M00720	4.7706e-06	AGGGTGTG RGGSTGGG








M5

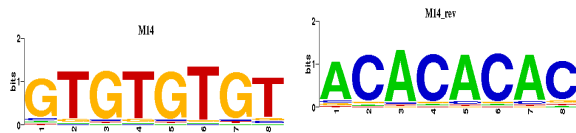


forward *reverse compliment*

Name *E value* *Alignment* *Motif*




CACD_M01113	8.4852e-06	TGTGTGTG -GGGYGTG	
GBF_M00633	5.4855e-05	CACACACA NACCCNA	
CACCC-binding_M00721	6.0720e-05	-----TGTGTGTG- ANCMNNWGGGTGNGG	
Hmx3_M00433	6.6274e-05	-TGTGTGTG AAGTGC GTG	
HFH4_M00742	9.0968e-05	----CACACACA TAAACAAACAMW	

M14



forward *reverse compliment*

Name *E value* *Alignment* *Motif*

HFH4_M00742	1.1246e-05	---ACACACAC- TAAACAAACAMW	
CACD_M01113	1.1451e-05	ACACACAC -CACRCC	
Hmx3_M00433	7.0058e-05	ACACACAC-- -CAGCACTT	

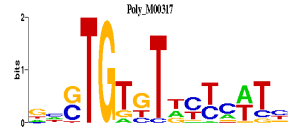
SMAD3_M00701 2.4992e-04

ACACACAC
AGNCAGAC

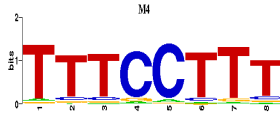


Poly_M00317 6.0365e-04

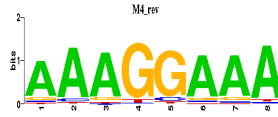
-----ACACACAC---
NAWKRRNAMACASNN



M4

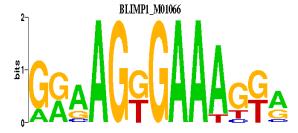
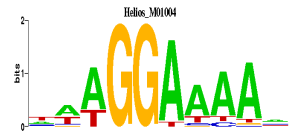
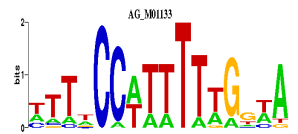


forward

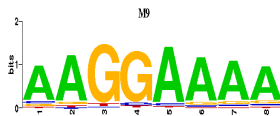


reverse compliment

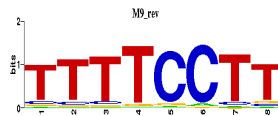
Name	E value	Alignment
AG_M01133	7.4229e-08	-----AAAGGAAA- TWNCAAAAAWGGNAAN
Helios_M01004	1.2519e-07	--TTTCCTTT NTTTCCTWN
PBF_M01130	2.2441e-06	TTTCCTTT ---CCTTT
BLIMP1_M01066	5.5750e-06	--AAAGGAAA--- GRAAGKGAAAGKR
MADS-A_M00408	6.3523e-06	-----AAAGGAAA NWNNAAAAATGGAAA



M9



forward

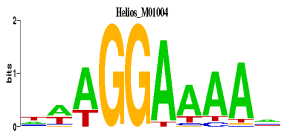
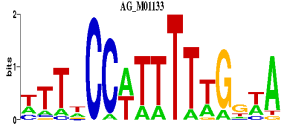
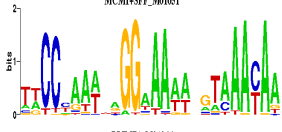

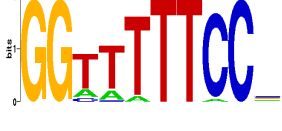


reverse compliment

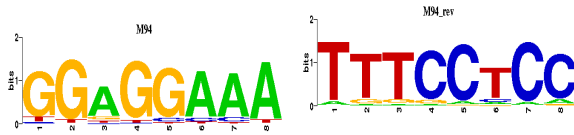
Name	E value	Alignment	Motif
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Stamp Results

10/01/13





Helios_M01004	2.6007e-11	-TTTTCTT- NTTTCTWN	
AG_M01133	3.1222e-07	-----AAGGAAAA TWNCAAAA AWGGNAAN	
MCM1+SFF_M01051	6.2693e-06	-----AAGGAAAA----- TNCNAAWNNGGNAAWANNTAAAYAA	
BLIMP1_M01066	1.1547e-05	---TTTTCTT-- YMCTTTCMCTTYC	
dl_M00043	1.5912e-05	AAGGAAAA--- -NGGAAAAACC	

M94



forward

reverse compliment

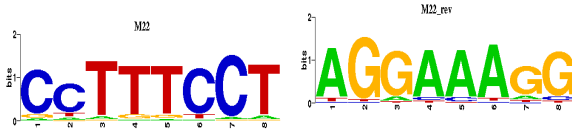
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	3.9315e-07	GGAGGAAA -GAGGAAG	
Elf-1_M00746	1.2211e-06	--GGAGGAAA- NAAGAGGAART	
Helios_M01004	2.5860e-05	--TTTTCTCC NTTTCTWN	
GCR1_M00046	3.2153e-05	GGAGGAAA- -GWGGAAGC	

CAT8_M00732 4.2135e-05

GGAGGAAA-
GGNNAATG



M22

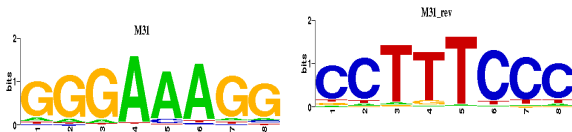


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PBF_M01130	2.2977e-06	CCTTTCCT CCTTT---	
BLIMP1_M01066	7.4995e-06	-CCTTTCCT---- YMCITTCMCTTYC	
BPC1_M01126	1.1913e-05	CCTTTCCT -NTTTC--	
Helios_M01004	2.2232e-05	CCTTTCCT-- NTTTCCTWN	
NF-kappaB_M00208	1.3756e-04	AGGAAAGG--- NGGAAARTCCC	

M31



forward

reverse compliment

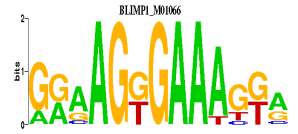
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Stamp Results

10/01/13

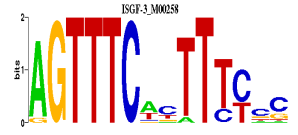
BLIMP1_M01066 6.7429e-09

-CCTTTCCC-----
YMCTTTCMCTTYC



ISGF-3_M00258 1.2791e-06

GGGAAAGG-----
GNGAAANWGAAACT



PBF_M01130 2.7274e-06

CCTTTCCC
CCTTT---



BPC1_M01126 1.3860e-05

CCTTTCCC
-NTTTC--

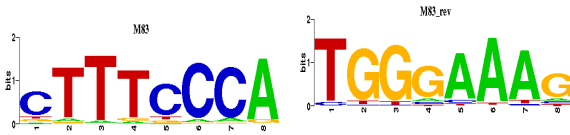


STAT1_M00492 5.1749e-05

GGGAAAGG
SGGAANT-



M83



forward

reverse compliment

Name *E value*

Alignment

Motif

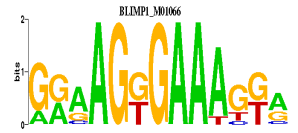
RBP-Jkappa_M01112 2.1383e-07

CTTTCCCA---
-KTTCCCACGN



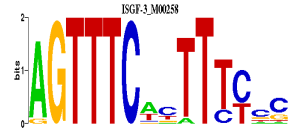
BLIMP1_M01066 8.4703e-07

--CCTTTCCCA---
YMCTTTCMCTTYC



ISGF-3_M00258 1.3383e-06

TGGGAAAG-----
-GNGAAANWGAAACT



Su_H_M00234 2.5536e-06

-CCTTTCCCA---
NGKTTCCCACRN



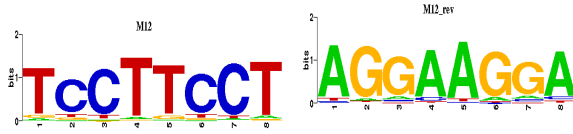
BPC1_M01126

1.4799e-05

CTTTCCCA
NTTTC---



M12

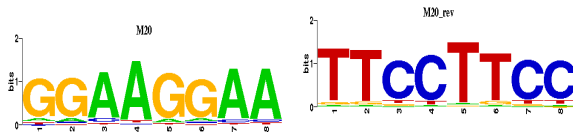


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	1.0691e-07	-AGGAAGGA CAGGAAGTA	
Ets_M00971	2.3378e-07	-AGGAAGGA NAGGAAG--	
PU.1_M00658	4.2703e-07	TCCTTCCT- --CTTCCTC	
PEA3_M00655	9.7761e-07	TCCTTCCT --CWTCCK	
c-Ets-1_M00743	1.9879e-06	TCCTTCCT -GCTTCCK	

M20



forward

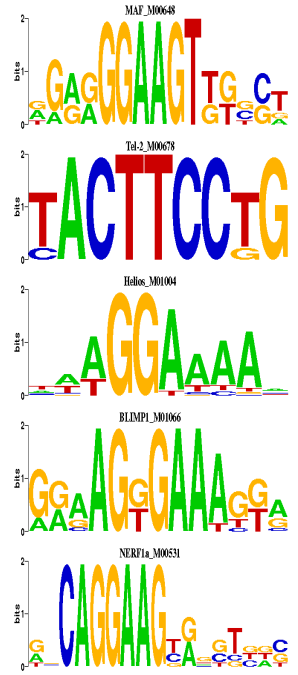
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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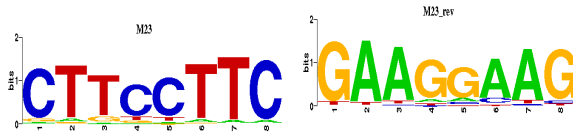
Stamp Results

10/01/13

MAF_M00648	3.3315e-06	-----TTCCTTCC NSNMMACTTCCYYCN
Tel-2_M00678	7.3579e-05	--GGAAGGAA CAGGAAGTA-
Helios_M01004	8.8070e-05	---TTCCTTCC NTTTTCTWN-
BLIMP1_M01066	9.5967e-05	-----TTCCTTCC YMCTTTCMCTTYC
NERF1a_M00531	1.1920e-04	-----TTCCTTCC SNNASNYRCTTCTGNY



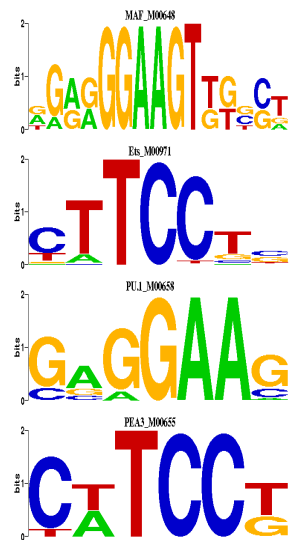
M23



forward

reverse compliment

Name	E value	Alignment
MAF_M00648	1.9065e-07	-----CTTCCTTC-- NSNMMACTTCCYYCN
Ets_M00971	3.0918e-07	GAAGGAAG -NAGGAAG
PU.1_M00658	3.8571e-07	CTTCCTTC CTTCCTC-
PEA3_M00655	1.0558e-06	GAAGGAAG --MGGAWG

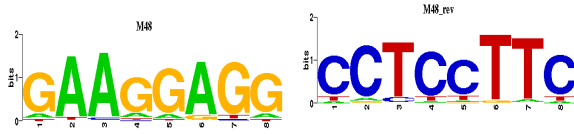


c-Ets-1_M00743 2.0382e-06

GAAGGAAG-
--MGGAAGC



M48

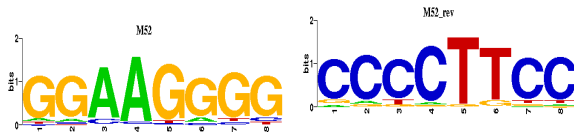


forward

reverse compliment

Name	E value	Alignment	Motif
TFII-I_M00706	1.1901e-06	CCTCCTTC CCTMCNTC	
Retroviral_M00212	3.4942e-05	--GAAGGAGG----- NAGNRRRRRRGNTTTATT	
NERF1a_M00531	1.8904e-04	----CCTCCTTC----- SNNASNYRCTTCCTGNY	
VDR_M00444	2.3859e-04	---CCTCCTTC--- TSWCCYNYTNMCC	
MAZ_M00649	2.5641e-04	-CCTCCTTC CCCTCCC--	

M52



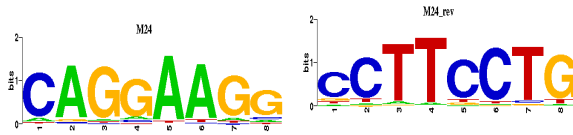
forward

reverse compliment

Name	E value	Alignment	Motif
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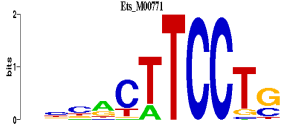
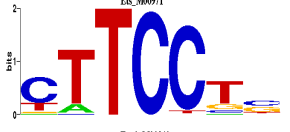

MAZ_M00649	4.4035e-06	GGAAGGGG GGGAGGG-	
UF1H3BETA_M01068	4.9313e-06	----GGAAGGGG- GYGGGGGAGGGGC	
BLIMP1_M01066	1.3136e-05	-----CCCCTTCC YMCTTTTCMCTTYC	
STRE_M00308	1.9324e-05	-CCCCTTCC NCCCCT---	
ZNF219_M01122	4.4235e-05	GGAAGGGG--- GGGNGGGGGGN	

M24



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	2.8521e-09	CAGGAAGG- CAGGAAGTA	
Ets_M00771	1.0211e-07	CAGGAAGG--- CAGGAAGYNNN	
Ets_M00971	2.1720e-07	CAGGAAGG NAGGAAG-	
c-Ets-2_M00340	2.9383e-07	----CCTTCCTG- ANNNACTTCCTGY	

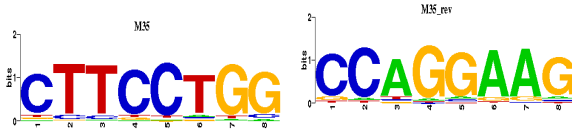
PU.1_M00658

3.3629e-07

CCTTCCTG
-CTTCCTC



M35

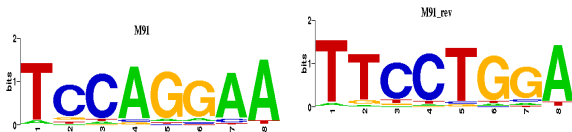


forward

reverse compliment

Name	E value	Alignment	Motif
NERF1a_M00531	2.4955e-09	-----CTTCCTGG- SNNASNYRCTTCCTGNY	
Tel-2_M00678	2.9762e-09	CCAGGAAG-- -CAGGAAGTA	
Ets_M00771	1.3602e-07	CCAGGAAG---- -CAGGAAGYNNN	
Ets_M00971	2.7929e-07	CCAGGAAG -NAGGAAG	
c-Ets-2_M00340	3.4188e-07	-----CTTCCTGG ANNNACTTCCTGY	

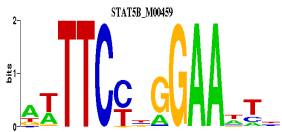


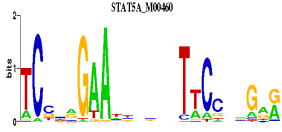

M91



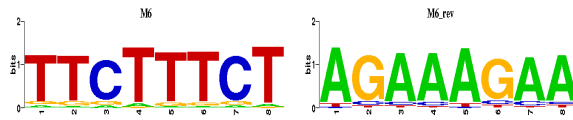
forward

reverse compliment

Name	E value	Alignment	Motif
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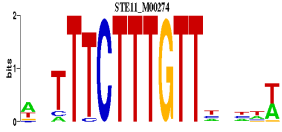
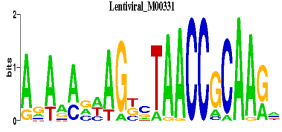


STAT5B_M00459	1.9537e-10	----TCCAGGAA-- NRNTTCCNGGAAWN	
STAT5A_M00457	1.2201e-08	---TTCCTGGA--- NRNTTCCNRGAANY	
STATx_M00223	1.5661e-06	TTCCTGGA TTRYGGGA	
STAT5A_M00460	3.4116e-06	-----TTCCCTGGA- TCNNNGAANNNNNTTCCNNGNR	
Tel-2_M00678	6.0914e-06	TCCAGGAA--- --CAGGAAGTA	

M6

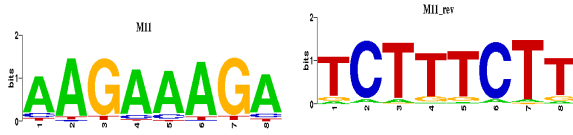


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STE11_M01005	2.1870e-07	-TTCTTTCT-- TTTCTTTGTTC	
STE11_M00274	3.1615e-06	-----AGAAAGAA--- WNNNNAACAAAGAAANW	
Lentiviral_M00331	6.1719e-06	-----TTCTTTCT NCTTGCGGTTANNCTNNTYTNT	
BPC1_M01126	2.4223e-05	TTCTTTCT --NTTTC-	
SMAD3_M00701	2.5942e-05	TTCTTTCT GTCTGNCT	

M11

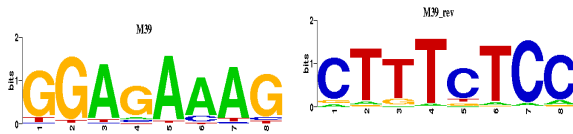


forward

reverse compliment

Name	E value	Alignment	Motif
STE11_M01005	5.5612e-07	--TCTTTCTT- TTTCTTTGTC	
Rim101p_M01030	9.7524e-07	TCTTTCTT- --TTNCTTG	
SOX_M01014	1.0323e-06	TCTTTCTT---- TCTTTGTTANGN	
Lentiviral_M00318	1.6038e-06	AAGAAAGA AATAAAG-	
STE11_M00274	5.8718e-06	-----AAGAAAGA----- WNNNNAACAAAGAAANW	

M39

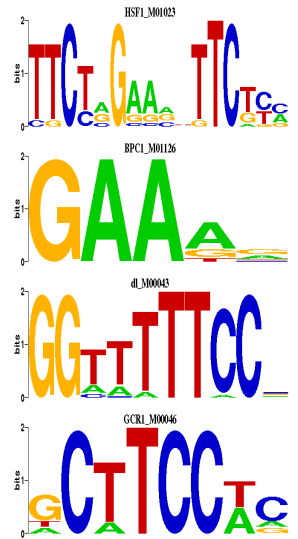


forward

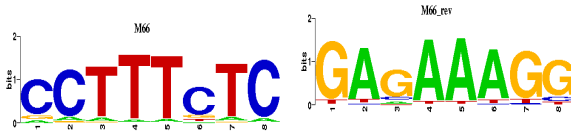
reverse compliment

Name	E value	Alignment	Motif
PU.1_M00658	7.5988e-06	GGAGAAAG -GAGGAAG	

HSF1_M01023	1.2696e-05	GGAGAAAG----- KRAGAANNNTTCYAGAA
BPC1_M01126	2.4721e-05	CTTTCTCC NTTTC---
dI_M00043	1.2429e-04	-GGAGAAAG- NGGAAAAACC
GCR1_M00046	2.0099e-04	GGAGAAAG- -GWGGAAGC



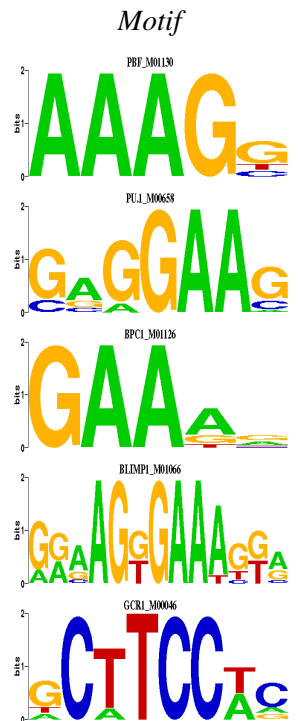
M66



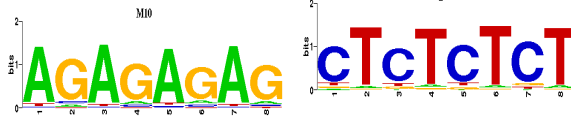
forward

reverse compliment

Name	E value	Alignment
PBF_M01130	2.0686e-06	CCTTTCTC CCTTT---
PU.1_M00658	8.9966e-06	CCTTTCTC -CTTCCTC
BPC1_M01126	2.1967e-05	CCTTTCTC -NTTTC--
BLIMP1_M01066	3.3545e-05	-CCTTTCTC---- YMCTTTCMCTTYC
GCR1_M00046	1.8143e-04	CCTTTCTC GCTTCCWC



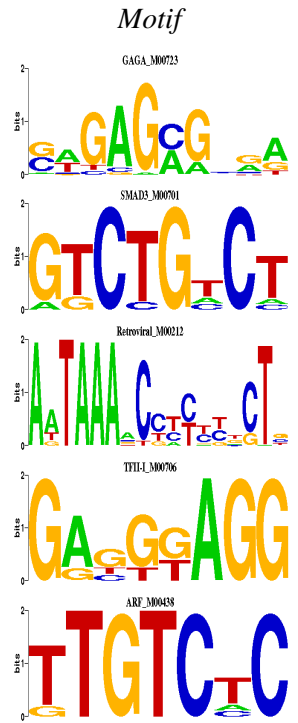
M10



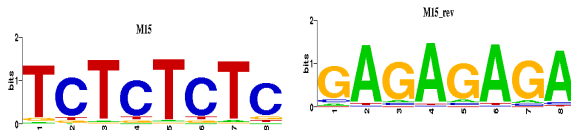
forward

reverse compliment

Name	E value	Alignment
GAGA_M00723	1.4318e-06	-CTCTCTCT- TYNCKCTCWS
SMAD3_M00701	3.2559e-05	AGAGAGAG AGNCAGAC
Retroviral_M00212	5.9709e-05	-AGAGAGAG----- NAGNRRRRRRGNTTTATT
TFII-I_M00706	3.0236e-04	-CTCTCTCT CCTMCNTC-
ARF_M00438	1.1861e-03	AGAGAGAG -GAGACAA



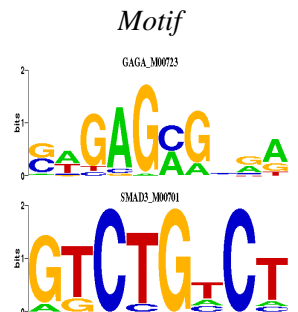
M15



forward

reverse compliment

Name	E value	Alignment
GAGA_M00723	6.3189e-07	TCTCTCTC-- TYNCKCTCWS
SMAD3_M00701	3.1707e-05	GAGAGAGA- -AGNCAGAC



Stamp Results

10/01/13

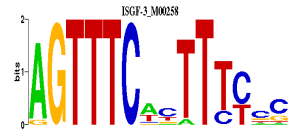
TFII-I_M00706 2.7168e-04

TCTCTCTC
CCTMCNTC



ISGF-3_M00258 7.4848e-04

--GAGAGAGA----
GNGAAANWGAAACT

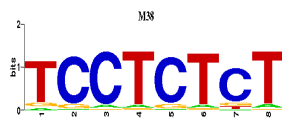


ARF_M00438 1.1826e-03

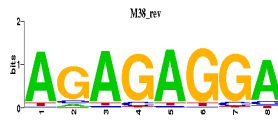
GAGAGAGA
GAGACAA-



M38



forward



reverse compliment

Name

E value

Alignment

Motif

Pax-1_M00326

5.6477e-06

-----AGAGAGGA---
ATATCTAGAGCGGAACG



Sry-beta_M00666

3.9032e-05

AGAGAGGA
AGWGATGC



Elf-1_M00746

3.9076e-05

---TCCTCTCT
AYTTCCTCTTN



TFII-I_M00706

2.7598e-04

TCCTCTCT-
-CCTMCNTC



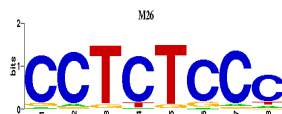
PU.1_M00658

3.2720e-04

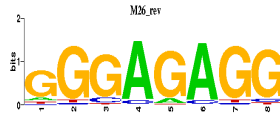
--TCCTCTCT
CTTCCTC---



M26



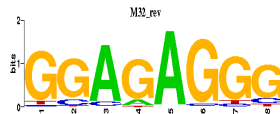
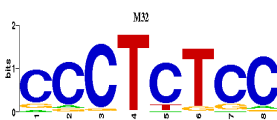
forward



reverse compliment

Name	E value	Alignment	Motif
MAZ_M00649	7.6890e-07	CCTCTCCC -CCCTCCC	
UF1H3BETA_M01068	3.6678e-06	-CCTCTCCC---- GCCCTCCCCRC	
ZNF219_M01122	2.3980e-05	GGGAGAGG--- GGNGGGGGGN	
Lyf-1_M00141	2.6635e-05	CCTCTCCC-- --YCTCCCAA	
BLIMP1_M01066	3.1838e-05	-CCTCTCCC---- YMCTTTCMCTTYC	

M32



forward

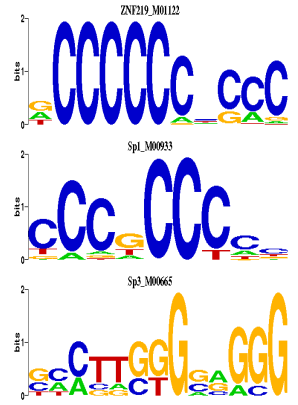
reverse compliment

Name	E value	Alignment	Motif
UF1H3BETA_M01068	4.5535e-06	--CCCTCTCC--- GCCCTCCCCRC	
MAZ_M00649	6.8182e-06	CCCTCTCC CCCTCCC-	

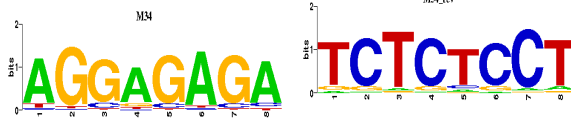
Stamp Results

10/01/13

ZNF219_M01122	2.0776e-05	-GGAGAGGG-- GGGNGGGGGGN
Sp1_M00933	1.4689e-04	-GGAGAGGG NGGGGMGGG
Sp3_M00665	1.7443e-04	CCCTCTCC----- CCCYSCCAAGKS



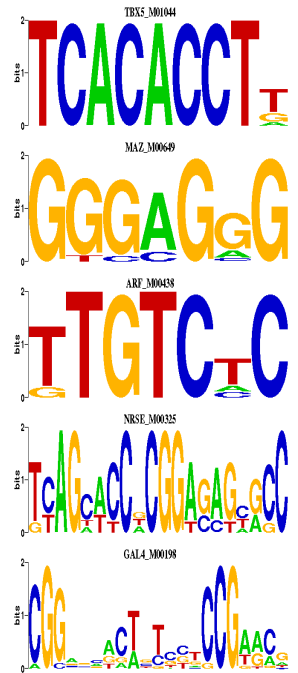
M34



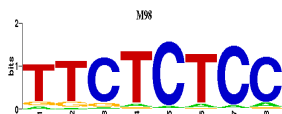
forward

reverse compliment

Name	E value	Alignment	Motif
TBX5_M01044	2.3960e-04	-AGGAGAGA AAGGTGTGA	TCACACCT
MAZ_M00649	6.5704e-04	TCTCTCCT -CCCTCCC	GGGAGGG
ARF_M00438	8.8239e-04	AGGAGAGA- --GAGACAA	TTGTCC
NRSE_M00325	9.1612e-04	---TCTCTCCT----- GGCRCTCTCCGNGGTGCTGA	TCTCTCCT
GAL4_M00198	1.2170e-03	-----TCTCTCCT----- CGGNNTNTNTNNCCGARCN	TCTCTCCT



M98

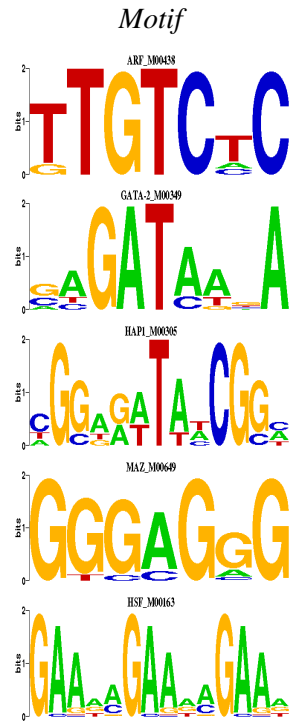


forward

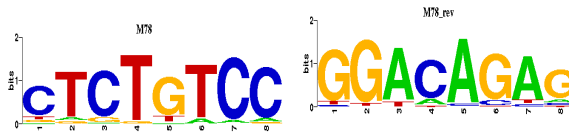


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
ARF_M00438	1.9498e-06	GGAGAGAA -GAGACAA
GATA-2_M00349	3.1484e-04	--TTCTCTCC TNTTATCTS-
HAP1_M00305	3.7912e-04	----TTCTCTCC- NCCGNTAWYNCCN
MAZ_M00649	6.7218e-04	TTCTCTCC- --CCCTCCC
HSF_M00163	7.9124e-04	-TTCTCTCC----- NTTCTNTTCTNTTC



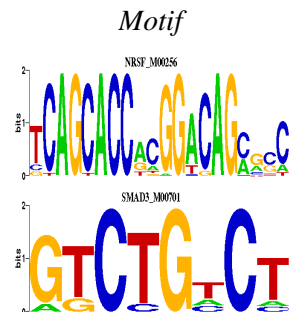
M78



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
NRSF_M00256	1.9971e-07	-----GGACAGAG-- TCAGCACCACGGACAGCRSC
SMAD3_M00701	3.5678e-06	CTCTGTCC GTCTGNCT

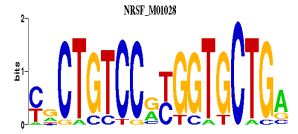


Stamp Results

10/01/13

NRSF_M01028 2.1479e-05

-----GGACAGAG
TCAGCACCRYGGACAGNR



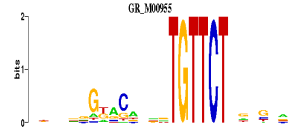
ZAP1_M00735 5.8663e-05

-CTCTGTCC
RCTCGGTCA

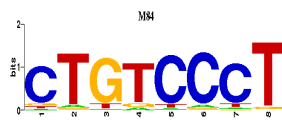


GR_M00955 9.5684e-05

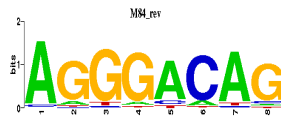
-----CTCTGTCC-----
NNNNNNAGAACANNNNNGNNCNNNNNN



M84



forward



reverse compliment

Name

E value

Alignment

Motif

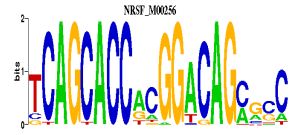
BLIMP1_M01066 4.4673e-06

--CTGTCCCT--
YMCTTTCMCTTYC



NRSF_M00256 2.9416e-05

-----AGGGACAG-----
TCAGCACACCAGGACAGCRSC



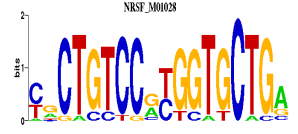
LF-A1_M00646 5.4051e-05

AGGGACAG
-GGSTCWR



NRSF_M01028 5.6689e-05

-----AGGGACAG--
TCAGCACCRYGGACAGNR

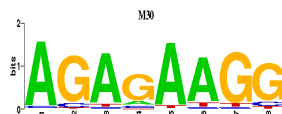


TEIL_M00502 1.4756e-04

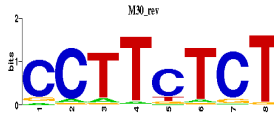
AGGGACAG
AGRTWCA-



M30

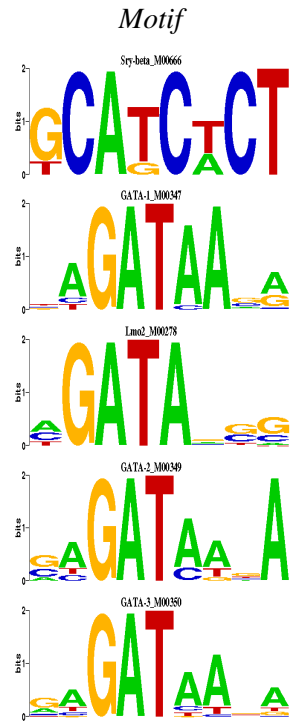


forward

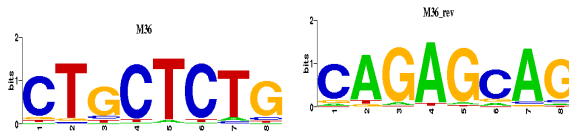


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Sry-beta_M00666	3.2434e-05	AGAGAAGG AGWGATGC
GATA-1_M00347	1.0503e-04	CCTTCTCT- YNTTATCTN
Lmo2_M00278	1.0718e-04	CCTTCTCT CSNTATCK
GATA-2_M00349	1.8505e-04	CCTTCTCT- TNTTATCTS
GATA-3_M00350	2.2065e-04	CCTTCTCT- TNTTATCTY



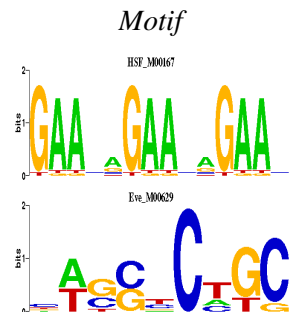
M36



forward

reverse compliment

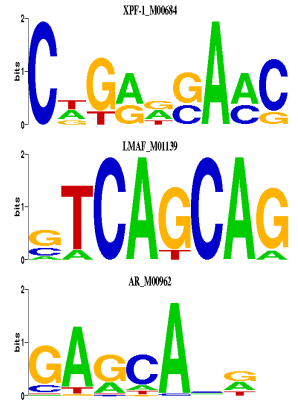
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HSF_M00167	5.3025e-06	---CTGCTCTG--- NTTCNNTTCNNTTC
Eve_M00629	7.2712e-05	-CAGAGCAG GCNGNSSWN



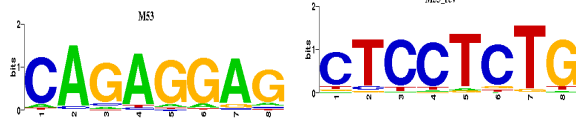
Stamp Results

10/01/13

XPF-1_M00684	4.5985e-04	CAGAGCAG- CNGRNSAMC
LMAF_M01139	7.2402e-04	CAGAGCAG STCAGCAG
AR_M00962	1.0054e-03	--CTGCTCTG NNNTGCTC--



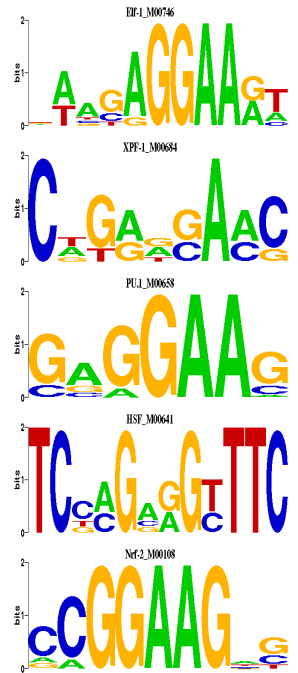
M53



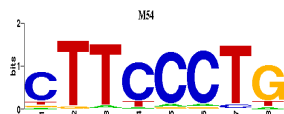
forward

reverse compliment

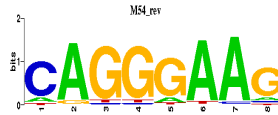
Name	E value	Alignment	Motif
Elf-1_M00746	4.5312e-05	-CAGAGGAG-- NAAGAGGAART	
XPF-1_M00684	1.1735e-04	-CTCCTCTG GKTSNYCNG	
PU.1_M00658	3.1520e-04	-CTCCTCTG CTTCCTC--	
HSF_M00641	9.7025e-04	--CTCCTCTG-- GAARCYNCKNGA	
Nrf-2_M00108	1.2007e-03	-CAGAGGAG CCGGAAGNS	



M54



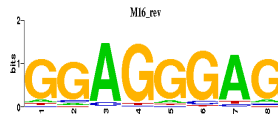
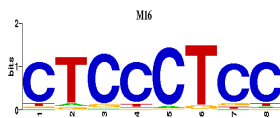
forward



reverse compliment

Name	E value	Alignment	Motif
MAF_M00648	4.4047e-06	-----CTTCCCTG-- NSNMMACTTCCYYCN	
AREB6_M00412	2.1198e-05	-CTTCCCTG--- NynyACCTGWNy	
TFII-I_M00706	1.0858e-04	CTTCCCTG CCTMCNTC	
Olf-1_M00261	1.8423e-04	----CTTCCCTG----- NCMNNyTCCCNrGGGANTNGN	
Ets_M00971	2.3357e-04	CAGGGAAG -NAGGAAG	

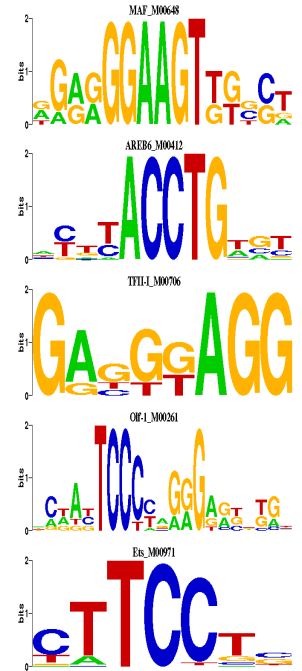
M16



forward

reverse compliment

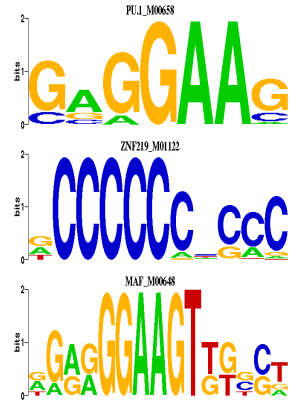
Name	E value	Alignment	Motif
TFII-I_M00706	8.1560e-09	GGAGGGAG- -GANGKAGG	
MAZ_M00649	1.9158e-07	CTCCCTCC- --CCCTCCC	



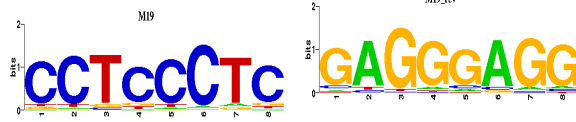
Stamp Results

10/01/13

PU.1_M00658	7.8012e-06	CTCCCTCC CTTCCTC-
ZNF219_M01122	3.1023e-05	--CTCCCTCC-- NCCCCCNCCC
MAF_M00648	1.0717e-04	-----CTCCCTCC NSNMMACTTCCYYCN



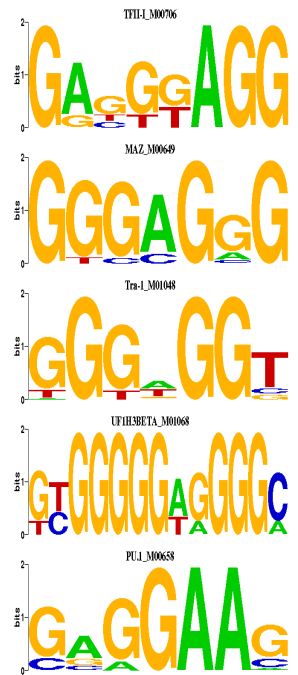
M19



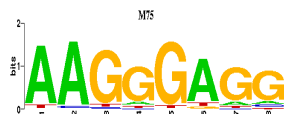
forward

reverse compliment

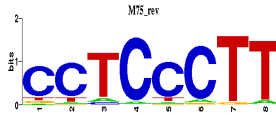
Name	E value	Alignment	Motif
TFII-I_M00706	6.5448e-13	GAGGGAGG GANGKAGG	TFII-I_M00706
MAZ_M00649	1.9729e-07	GAGGGAGG-- --GGGAGGG	MAZ_M00649
Tra-1_M01048	4.2041e-06	-CCTCCCTC ACCWCCC--	Tra-1_M01048
UF1H3BETA_M01068	5.0020e-06	---CCTCCCTC-- GCCCTCCCCRC	UF1H3BETA_M01068
PU.1_M00658	5.4801e-06	CCTCCCTC -CTTCCTC	PU.1_M00658



M75



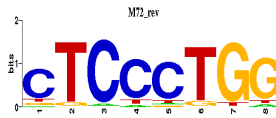
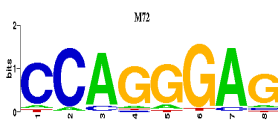
forward



reverse compliment

Name	E value	Alignment	Motif
TFII-I_M00706	5.5035e-09	CCTCCCTT CCTMCNTC	
MAZ_M00649	2.5123e-07	-CCTCCCTT CCCTCCC--	
Tra-1_M01048	1.7823e-06	AAGGGAGG- --GGGWGGT	
CAC-binding_M00720	2.4536e-05	AAGGGAGG- -RGGSTGGG	
Lyf-1_M00141	7.4611e-05	CCTCCCTT YCTCCCAA	

M72



forward

reverse compliment

Name	E value	Alignment	Motif
Olf-1_M00261	3.2068e-07	-----CTCCCTGG----- NCMNNYTCCCNRRGGGANTNGN	
TFII-I_M00706	1.4900e-05	CCAGGGAG- -GANGKAGG	

Stamp Results

10/01/13

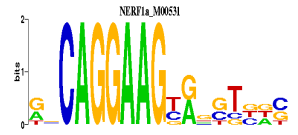
Tel-2_M00678 5.1915e-05

CCAGGGAG--
-CAGGAAGTA



NERF1a_M00531 9.6191e-05

-CCAGGGAG-----
RNCAGGAAGYRNSTNNS

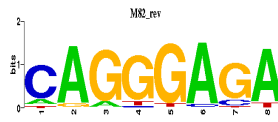
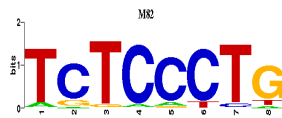


MAZ_M00649 1.9207e-04

CCAGGGAG--
---GGGAGGG



M82



forward

reverse compliment

Name E value

Alignment

Motif

TFII-I_M00706 1.3693e-05

TCTCCCTG
CCTMCNTC



Lyf-1_M00141 5.4482e-05

TCTCCCTG
YCTCCCAA



Tel-2_M00678 7.4760e-05

CAGGGAGA-
CAGGAAGTA



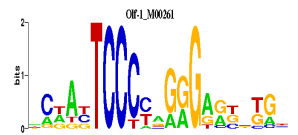
MAZ_M00649 2.0918e-04

CAGGGAGA-
--GGGAGGG

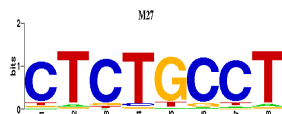


Olf-1_M00261 2.9826e-04

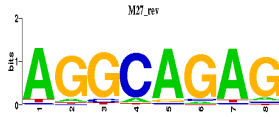
----TCTCCCTG-----
NCMNNYTCCCNRRGGANTNGN



M27

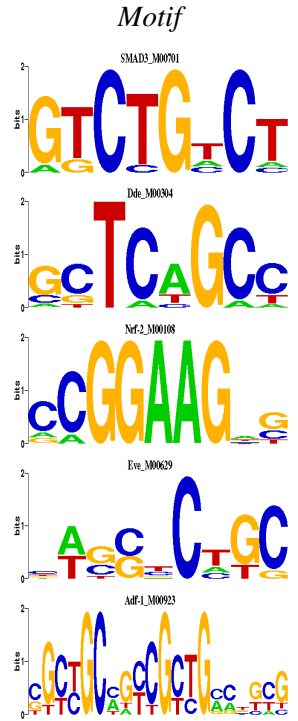


forward

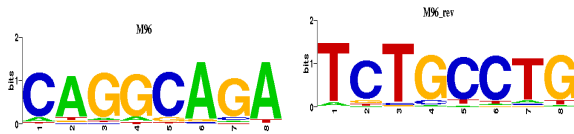


reverse compliment

Name	E value	Alignment
SMAD3_M00701	5.4516e-06	AGGCAGAG AGNCAGAC
Dde_M00304	6.1948e-06	AGGCAGAG-- --GGCTGAGC
Nrf-2_M00108	1.1164e-04	CTCTGCCT-- SNCTTCCGG
Eve_M00629	3.4444e-04	AGGCAGAG--- --GCNGNSSWN
Adf-1_M00923	9.0093e-04	-----CTCTGCCT--- SGCYGCMGYCGCTGMMNKYG



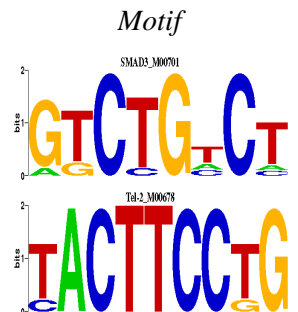
M96



forward

reverse compliment

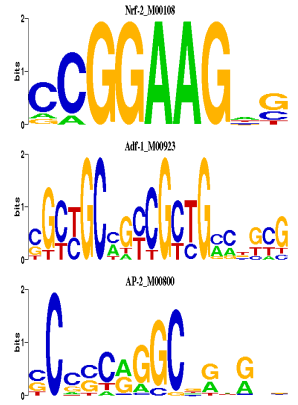
Name	E value	Alignment
SMAD3_M00701	1.8604e-06	CAGGCAGA-- --AGNCAGAC
Tel-2_M00678	8.1413e-05	CAGGCAGA-- CAGGAAGTA



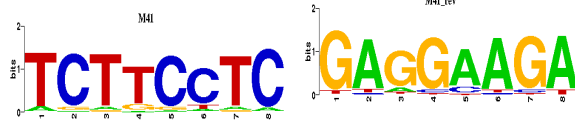
Stamp Results

10/01/13

Nrf-2_M00108	3.8644e-04	-TCTGCCTG SNCTTCCGG
Adf-1_M00923	3.8891e-04	--CAGGCAGA----- CRMNKKCAGCGRCKGCRGCS
AP-2_M00800	5.8889e-04	---TCTGCCTG--- NNYNYNGCCYGSSGS



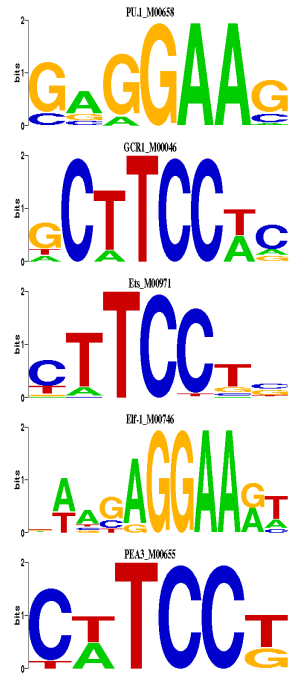
M41



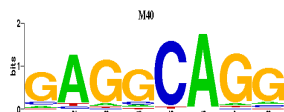
forward

reverse complement

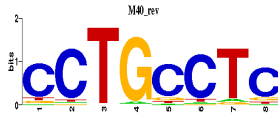
Name	E value	Alignment
PU.1_M00658	7.3139e-11	TCTTCCTC -CTTCCTC
GCR1_M00046	1.3922e-08	GAGGAAGA GWGGAAGC
Ets_M00971	3.1916e-07	GAGGAAGA NAGGAAG-
Elf-1_M00746	8.1961e-07	---GAGGAAGA NAAGAGGAART
PEA3_M00655	1.1727e-06	GAGGAAGA -MGGAWG-



M40

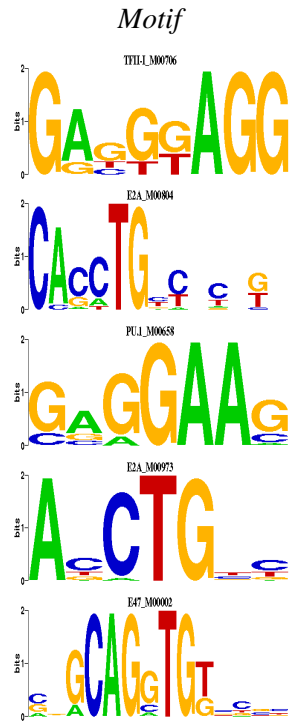


forward

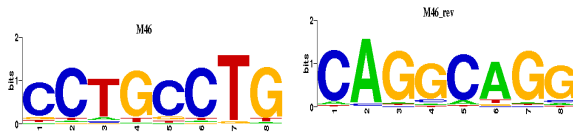


reverse compliment

Name	E value	Alignment
TFII-I_M00706	1.4836e-07	CCTGCCTC CCTMCNTC
E2A_M00804	1.7550e-07	--CCTGCCTC-- CACCTGNCNCNKN
PU.1_M00658	6.1859e-06	GAGGCAGG GAGGAAG--
E2A_M00973	9.0659e-06	GAGGCAGG-- --RNCAGNT
E47_M00002	2.1638e-04	-----CCTGCCTC NNNNACACCTGCNS-



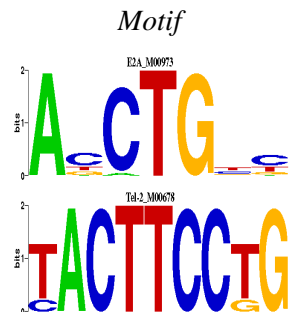
M46



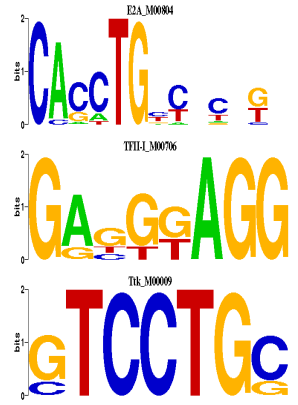
forward

reverse compliment

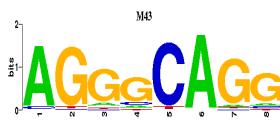
Name	E value	Alignment
E2A_M00973	1.0333e-05	-CCTGCCTG ANCTGNY--
Tel-2_M00678	3.0863e-05	CAGGCAGG-- CAGGAAGTA



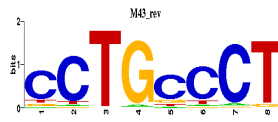
E2A_M00804	9.2109e-05	---CAGGCAGG-- NMNGNGNCAGGTG
TFII-I_M00706	1.8579e-04	CCTGCCTG CCTMCNTC
Ttk_M00009	2.2156e-04	CAGGCAGG-- ---GCAGGAC



M43

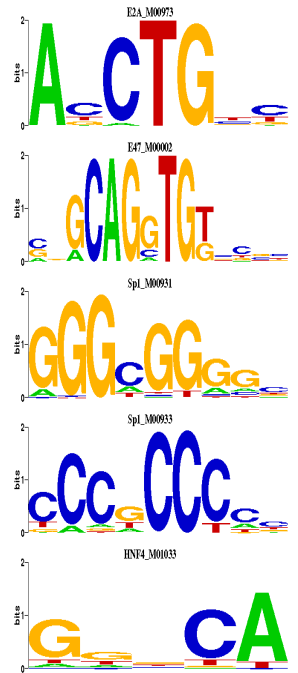


forward

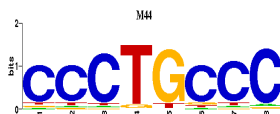


reverse compliment

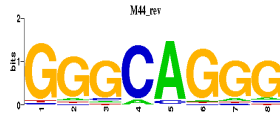
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
E2A_M00973	8.9105e-06	AGGGCAGG-- --RNCAGNT
E47_M00002	2.6307e-05	-----CCTGCCCT NNNNACACCTGCNS-
Sp1_M00931	5.5984e-05	--CCTGCCCT NCCCCGCC-
Sp1_M00933	7.6565e-05	-AGGGCAGG NGGGGMGGG
HNF4_M01033	9.0518e-05	CCTGCCCT --TGNNC-



M44

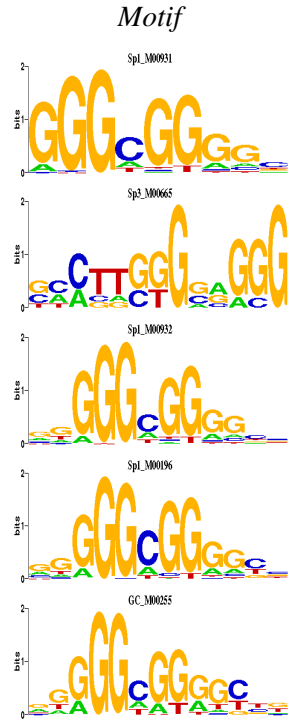


forward

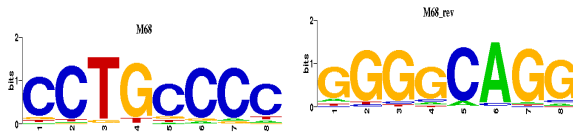


reverse compliment

Name	E value	Alignment
Sp1_M00931	5.9958e-08	-CCCTGCCC NCCCCGCC
Sp3_M00665	6.3479e-07	CCCTGCCC----- CCCYSCCAAGKS
Sp1_M00932	1.1070e-06	--CCCTGCCC-- NNCCCCGCCNN
Sp1_M00196	1.1365e-06	--CCCTGCCC-- NNCCCCGCCCN
GC_M00255	1.4000e-06	---CCCTGCCC-- NNGCCCCGCCNN



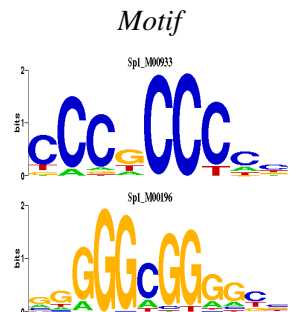
M68



forward

reverse compliment

Name	E value	Alignment
Sp1_M00933	1.0516e-07	-GGGGCAGG NGGGGMGG
Sp1_M00196	1.2082e-06	---CCTGCCCC- NNCCCCGCCCN



AtMYB-84_M00970 1.2191e-06

---CCTGCCCC-
SCACCTACCNC



GC_M00255 2.3386e-06

----CCTGCCCC-
NNGCCCCGCCNN

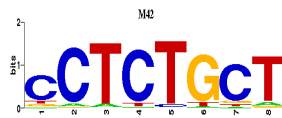


UF1H3BETA_M01068 4.1425e-06

---CCTGCCCC--
GCCCTCCCCRC



M42



forward



reverse compliment

Name E value

Alignment

Motif

TAL1_M00993 8.9826e-06

AGCAGAGG-
RNCAGNTGG



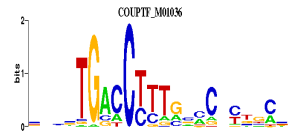
Eve_M00629 7.4670e-05

AGCAGAGG--
-GCNGNSSWN



COUPTF_M01036 4.1598e-04

AGCAGAGG-----
NKNNRNGKNNAAAGGTCANNNN



LMAF_M01139 7.1953e-04

CCTCTGCT---
---CTGCTGAS

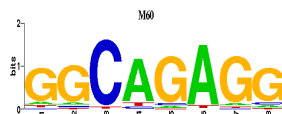


Dde_M00304 1.5953e-03

AGCAGAGG
GGCTGAGC



M60

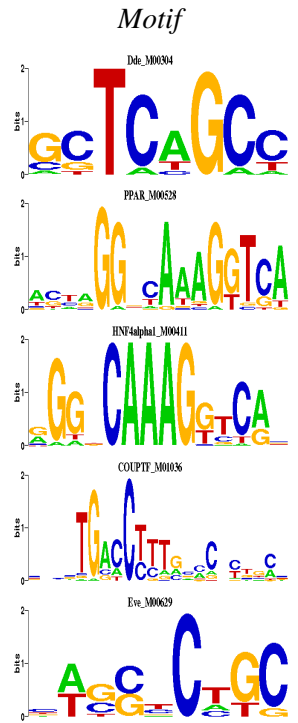


forward

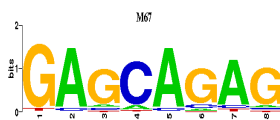


reverse compliment

Name	E value	Alignment
Dde_M00304	3.0359e-06	GGCAGAGG GGCTGAGC
PPAR_M00528	4.9211e-05	---CCTCTGCC----- TGACCTTTGNCCNNNN
HNF4alpha1_M00411	5.9096e-05	---CCTCTGCC-- NTGACCTTTGNCCY
COUPTF_M01036	8.9655e-05	-----GGCAGAGG----- NKNNRNGKNNAAAGGTCANNNN
Eve_M00629	1.0210e-04	GGCAGAGG-- -GCNGNSSWN



M67

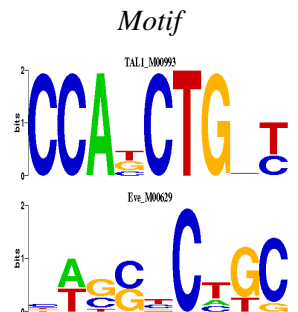


forward

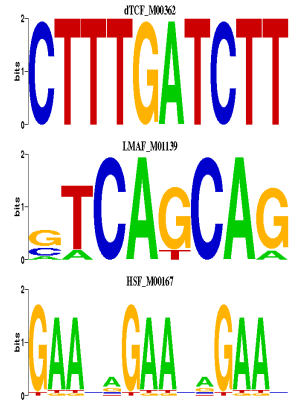


reverse compliment

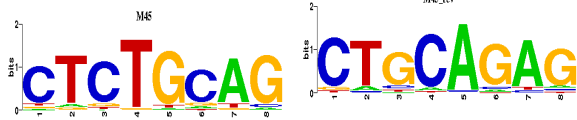
Name	E value	Alignment
TAL1_M00993	3.8068e-04	--CTCTGCTC CCANCTGNY-
Eve_M00629	4.1764e-04	---CTCTGCTC NWSSNCNGC--



dTCF_M00362	6.6572e-04	--GAGCAGAG AAGATCAAAG
LMAF_M01139	7.6020e-04	CTCTGCTC-- --CTGCTGAS
HSF_M00167	8.1428e-04	-CTCTGCTC----- NTTCNNTTCNNTTC



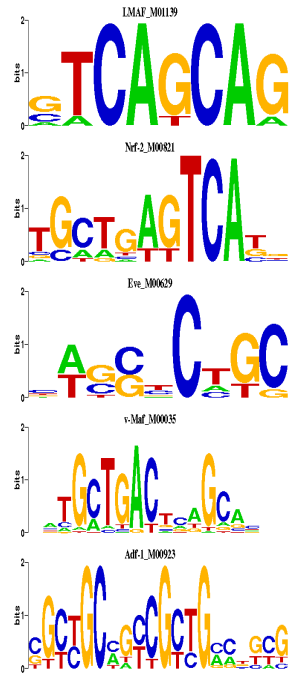
M45



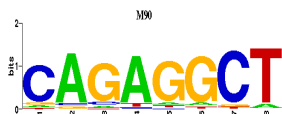
forward

reverse compliment

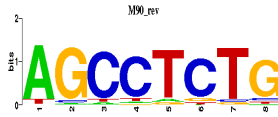
Name	E value	Alignment	Motif
LMAF_M01139	8.5621e-06	CTGCAGAG CTGCTGAS	
Nrf-2_M00821	1.6963e-04	-----CTCTGCAG NNTGACTCAGCA-	
Eve_M00629	3.7149e-04	---CTCTGCAG NWSSNCNGC--	
v-Maf_M00035	7.4442e-04	--CTGCAGAG----- NNNTGCNNGTCAGCANN	
Adf-1_M00923	8.3180e-04	-----CTGCAGAG CRMNKKCAGCGRCKGCRGCS	



M90



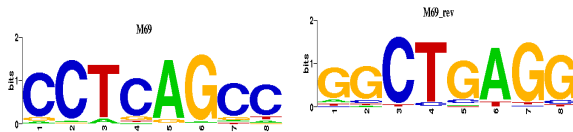
forward



reverse compliment

Name	E value	Alignment	Motif
HSF_M00641	2.8197e-07	--CAGAGGCT-- TCNMGNRGYTTC	
alpha-CP1_M00687	8.0988e-04	--CAGAGGCT CTCATGGCT	
ARP-1_M00155	8.1177e-04	-AGCCTCTG----- GARCCYTTGAMCCYW	
RP58_M00532	1.1234e-03	--CAGAGGCT- TCCAGATGTTN	
Adf-1_M00923	1.1545e-03	-----AGCCTCTG----- SGCYGCMGYCGCTGMMNKYG	

M69



forward

reverse compliment

Name	E value	Alignment	Motif
Dde_M00304	9.4793e-10	CCTCAGCC GCTCAGCC	
CDC5_M00361	7.3618e-06	--GGCTGAGG NSCGCTGAGS	

Stamp Results

10/01/13

AP-2alphaA_M01047 1.6418e-05

----CCTCAGCC--
ANMGCCTNAGGCKN



MAF_M00983 3.0158e-05

---CCTCAGCC
NTGACTCANC-

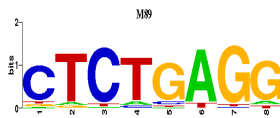


NF-E2_M00037 4.2218e-05

---CCTCAGCC
RTGACTCAGC-



M89



forward



reverse compliment

Name E value Alignment Motif

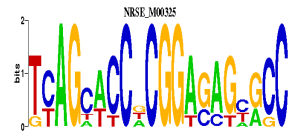
CDC5_M00361 1.0306e-04

--CTCTGAGG
NSCGCTGAGS



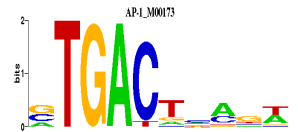
NRSE_M00325 6.4496e-04

-----CTCTGAGG-----
GGCRCTCTCCGNGGTGCTGA



AP-1_M00173 6.5745e-04

CTCTGAGG---
-WKNAGTCAN



AP-2alphaA_M01047 9.2780e-04

----CCTCAGAG--
ANMGCCTNAGGCKN



Dde_M00304 9.5738e-04

CCTCAGAG
GCTCAGCC



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