

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 :          -----GGGGGGGG--
M1 :          -----AAAAAAAA--
M2 :          -----GGAGGAGG--
M3 :          -----CACACACA---
M4 :          -----CCCAGCCC---
M5 :          -----GGGAGGAG---
M6 :          --GAGGGAGG-----
M7 :          -GGGAAGGG-----
M8 :          --GGGGCAGG-----
M9 :          --GGGAGAGG-----
M10 :         ---AGAGAGAG-----
M11 :         --AGGGGAGG-----
M12 :         -----AGGAAGGA
M13 :         -CCCAGCAG-----
M14 :         -AGGCAGAG-----
M15 :         ----CAGAGCAG----
M16 :         -----CAGGCAGG-
M17 :         ----CACAGCAG---
M18 :         --AGCCCAGG-----
M19 :         -CTTCCCAG-----
M20 :         -TGGGGGTG-----
M21 :         -CAGCAGAG-----
M22 :         --CCCAGAGC-----

```

Stamp Results

10/01/13

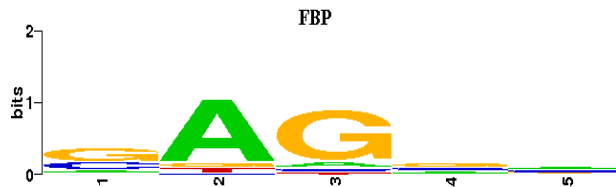
M23: -GGCTGCAG-----
M24: -----CAGCCTGG-
M25: --TGGGGTGG-----
M26: ---GGAGAGGG-----
M27: ----AGCAGCTG---
M28: ----CAGAGCTG---
M29: ----CAGGGCAG---
M30: ----CAGAGCCA---
M31: -GGAAGCAG-----
M32: --AGGAAAG-----
M33: -----GAAGGAAG--
M34: -GCTGGGAG-----
M35: -----AGAGGAAG--
M36: ----AGGAGGGG---
M37: TTTTAAAA-----
M38: -----AAGGAAG-
M39: --GAAAGAAA-----
M40: ----CAGAGAG---
M41: GTGGGGGA-----
M42: -CTGGAGAG-----
M43: -CAGGAAAG-----
M44: ----AAGAAAGA---
M45: ----CAGAGAAG---
M46: --CACAGAGA-----
M47: -----GAGGCCAG-
M48: ----GGAGCCAG--
M49: -AACAAAAG-----
M50: ---AGGCAGGC-----
M51: --TCCCAGG-----
M52: -AGCCACAG-----
M53: ----CAGAGGAA---
M54: ----AAGAAAAG---
M55: ----CAGAGGCT---
M56: --CCTGGAGG-----
M57: ---GCAGAGAG-----
M58: ---CCACACCC-----
M59: -----GAGAAAG-
M60: --CAGACAGA-----
M61: -CAAAACAA-----
M62: ---AAAGAGAA-----
M63: ----AGAGAAG--
M64: ----GGAGAAAG--
M65: -TGGGAGAG-----

Stamp Results

10/01/13

```
M66: AAGGCAGA-----
M67: -AGGGAAAG-----
M68: -AGCAGGAG-----
M69: ----AGCAGCCA---
M70: --GGAAGAGA-----
M71: -----AAGGAAAA-
M72: -----AGAACAAA--
M73: ----AAAAGGAA---
M74: -----AGACAAAG--
M75: -GCCCCCAG-----
M76: ----CACAGGAA---
M77: -----CAGCCACA-
M78: ---AGGAAGCT----
M79: --AAGCCAGG-----
M80: -TTCCCCAG-----
M81: -CTCCACAG-----
M82: ---AGGGAGAA----
M83: ---CCAGAGCT----
M84: -GGAAAGAG-----
M85: ----AACAAACA---
M86: -----CAGCTGGA-
M87: ----CAGGGACA---
M88: ----GCCAGCAG---
M89: ----AAAGCCTG--
M90: AAAGAAGA-----
M91: -----AGCCTTCC
M92: CCAGAAGA-----
M93: -TCTCAGAG-----
M94: ---AAACAAAC----
M95: -AGAAACAG-----
M96: ----CTGAGGCA---
M97: --AAAAGAAG-----
M98: ----GTGGGTGG---
```

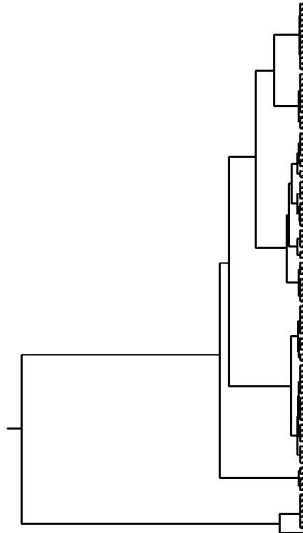
Familial Profile:
(click for matrix)

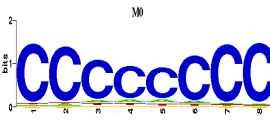

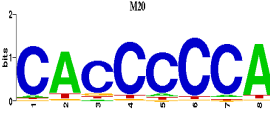

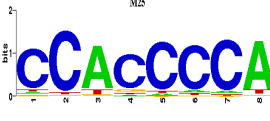

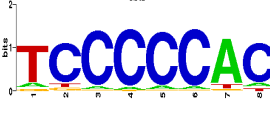

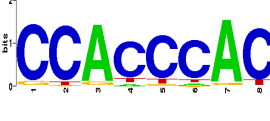

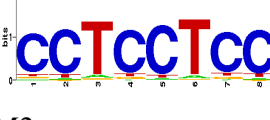

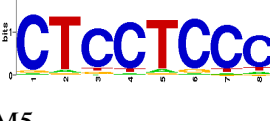

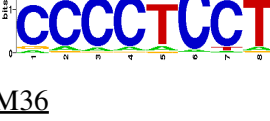



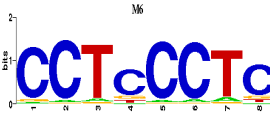

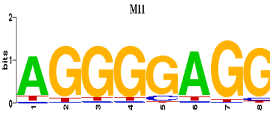

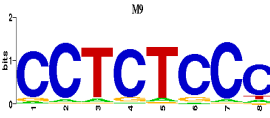

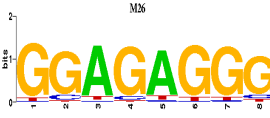

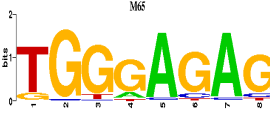

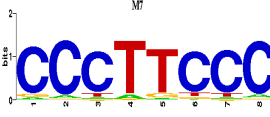

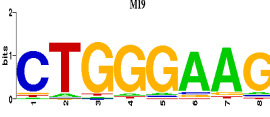

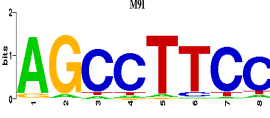

Motif Tree

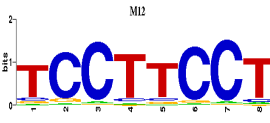

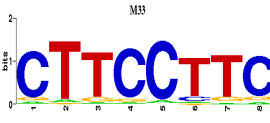

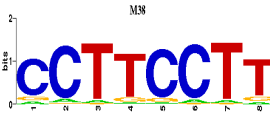

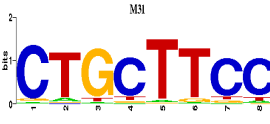

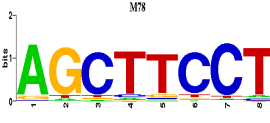

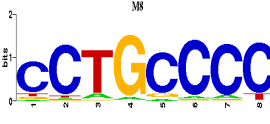

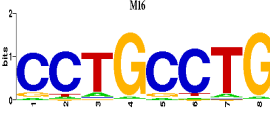

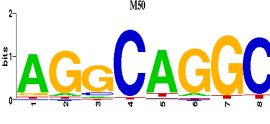

Tree (drawn by [Phylip](#))

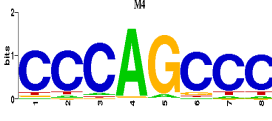

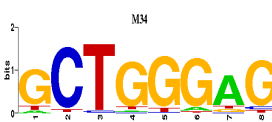

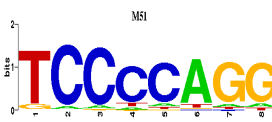
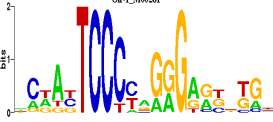
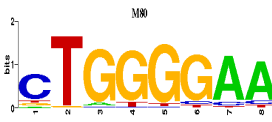
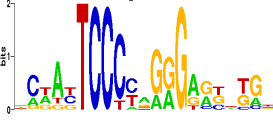
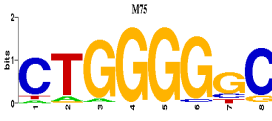

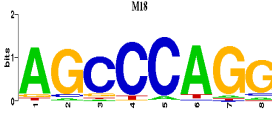

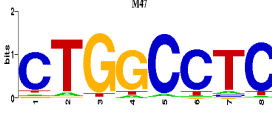

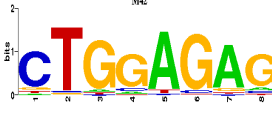

[Click here for Newick-format tree](#) (viewable with [MEGA](#))

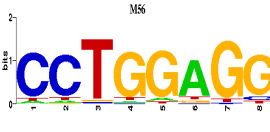

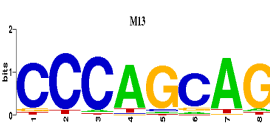

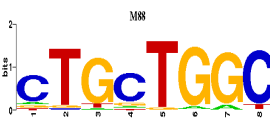

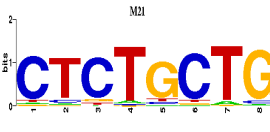

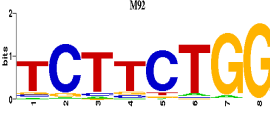

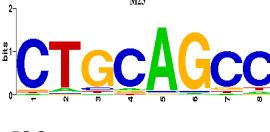
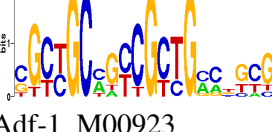

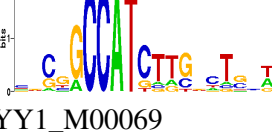




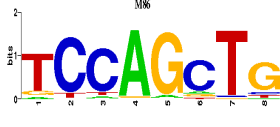

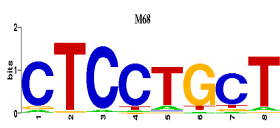

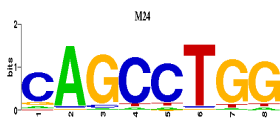

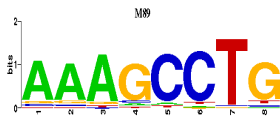

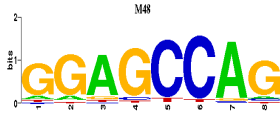

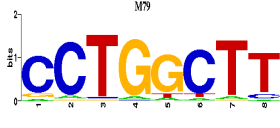

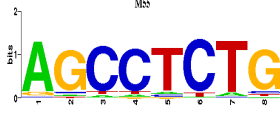



Input Motif	Best match in TRANSFAC
<p>M0</p> 	<p>MAZR_M00491 (E val: 9.1348e-12)</p> 
<p>M20</p> 	<p>GBF_M00633 (E val: 6.7613e-14)</p> 
<p>M25</p> 	<p>SREBP-1_M00221 (E val: 8.4940e-09)</p> 
<p>M41</p> 	<p>UF1H3BETA_M01068 (E val: 7.2305e-10)</p> 
<p>M98</p> 	<p>GLI_M01037 (E val: 6.3822e-09)</p> 
<p>M2</p> 	<p>UF1H3BETA_M01068 (E val: 2.9529e-06)</p> 
<p>M5</p> 	<p>MAZ_M00649 (E val: 2.1392e-07)</p> 
<p>M36</p> 	<p>UF1H3BETA_M01068</p> 

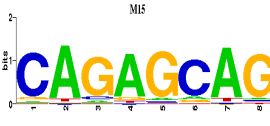
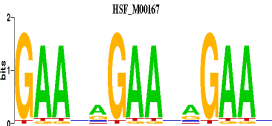
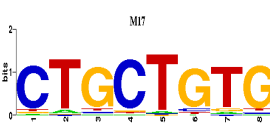

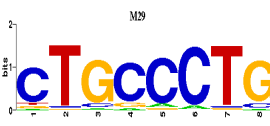
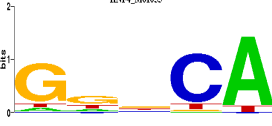
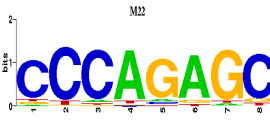

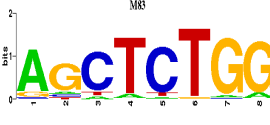

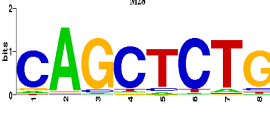

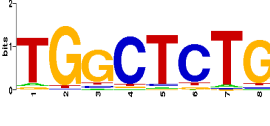

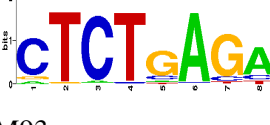

 <p>M6</p>	<p>(E val: 2.3783e-07)</p>  <p>TFII-I_M00706 (E val: 7.3253e-13)</p>
 <p>M11</p>	 <p>MAZ_M00649 (E val: 2.3435e-07)</p>
 <p>M9</p>	 <p>MAZ_M00649 (E val: 1.0827e-06)</p>
 <p>M26</p>	 <p>UF1H3BETA_M01068 (E val: 3.8998e-06)</p>
 <p>M65</p>	 <p>Lyf-1_M00141 (E val: 5.4323e-08)</p>
 <p>M7</p>	 <p>UF1H3BETA_M01068 (E val: 4.5113e-07)</p>
 <p>M19</p>	 <p>Ik-3_M00088 (E val: 6.5183e-07)</p>
 <p>M91</p>	 <p>Ets_M00971 (E val: 2.2186e-04)</p>

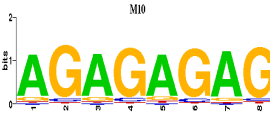

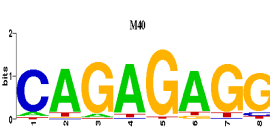

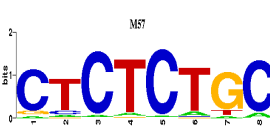

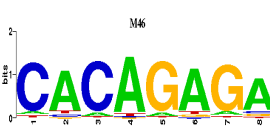

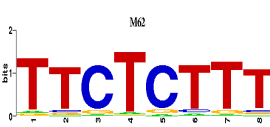

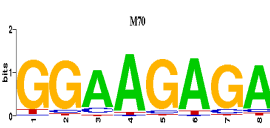

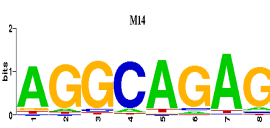

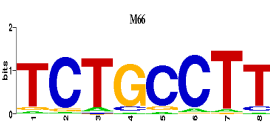

 <p>M12</p>	 <p>Tel-2_M00678 (E val: 6.3032e-08)</p>
 <p>M33</p>	 <p>MAF_M00648 (E val: 1.1454e-07)</p>
 <p>M38</p>	 <p>Ets_M00971 (E val: 3.1004e-07)</p>
 <p>M31</p>	 <p>c-Ets-1_M00743 (E val: 9.6703e-07)</p>
 <p>M78</p>	 <p>c-Ets-1_M00743 (E val: 2.2109e-09)</p>
 <p>M8</p>	 <p>Sp1_M00933 (E val: 1.8961e-07)</p>
 <p>M16</p>	 <p>E2A_M00973 (E val: 1.7467e-05)</p>
 <p>M50</p>	 <p>E2A_M00973 (E val: 1.1698e-05)</p>

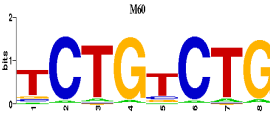

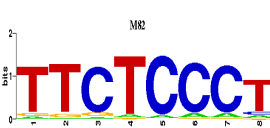

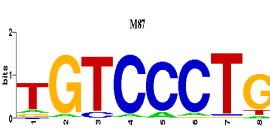

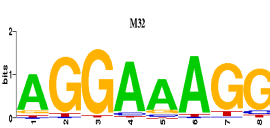

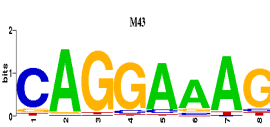

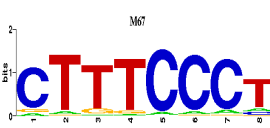

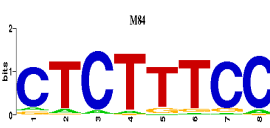
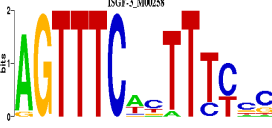
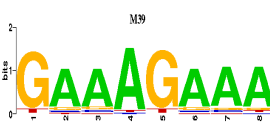

 <p>M4</p>	 <p>CAC-binding_M00720 (E val: 6.0858e-09)</p>
 <p>M34</p>	 <p>Lyf-1_M00141 (E val: 2.2734e-06)</p>
 <p>M51</p>	 <p>Olf-1_M00261 (E val: 1.7373e-08)</p>
 <p>M80</p>	 <p>Olf-1_M00261 (E val: 5.3991e-07)</p>
 <p>M75</p>	 <p>Egr_M00807 (E val: 7.0379e-08)</p>
 <p>M18</p>	 <p>AP-2_M00915 (E val: 2.5400e-04)</p>
 <p>M47</p>	 <p>BRK_M01096 (E val: 2.3403e-05)</p>
 <p>M42</p>	 <p>NF-kappaB_M00208 (E val: 1.1164e-04)</p>

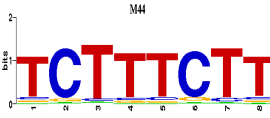





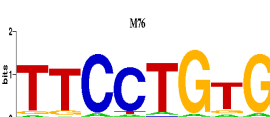

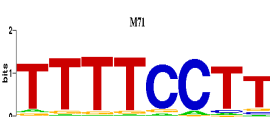

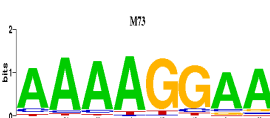

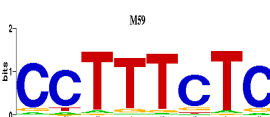

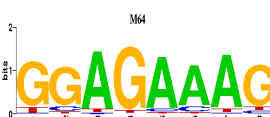

<p>M56</p>  <p>M56</p>	<p>Barbie_M00238</p>  <p>Barbie_M00238 (E val: 1.5477e-05)</p>
<p>M13</p>  <p>M13</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.5032e-06)</p>
<p>M88</p>  <p>M88</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.8390e-08)</p>
<p>M21</p>  <p>M21</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.4867e-06)</p>
<p>M92</p>  <p>M92</p>	<p>Nrf-2_M00108</p>  <p>Nrf-2_M00108 (E val: 1.7297e-07)</p>
<p>M23</p>  <p>M23</p>	<p>Adf-1_M00923</p>  <p>Adf-1_M00923 (E val: 1.7984e-06)</p>
<p>M69</p>  <p>M69</p>	<p>YY1_M00069</p>  <p>YY1_M00069 (E val: 1.5599e-07)</p>
<p>M27</p>  <p>M27</p>	<p>TAL1_M00993</p>  <p>TAL1_M00993 (E val: 1.0747e-10)</p>
<p></p>	<p></p>

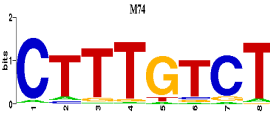


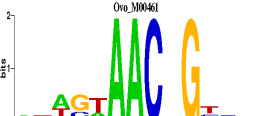
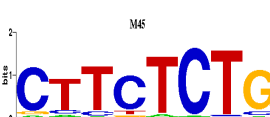



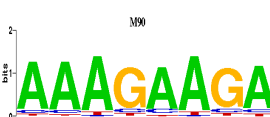

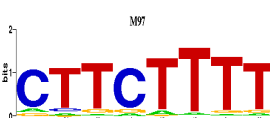



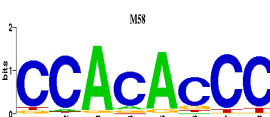

 <p>M86</p>	 <p>HEB_M00698 (E val: 1.4604e-10)</p>
 <p>M68</p>	 <p>KAISO_M01119 (E val: 2.1474e-08)</p>
 <p>M24</p>	 <p>AP-2_M00800 (E val: 7.2509e-05)</p>
 <p>M89</p>	 <p>MEF-3_M00319 (E val: 2.9815e-04)</p>
 <p>M48</p>	 <p>BRK_M01096 (E val: 2.1327e-05)</p>
 <p>M79</p>	 <p>Grainyhead-Elf-1-NTF-1_M00951 (E val: 5.0049e-06)</p>
 <p>M55</p>	 <p>HSF_M00641 (E val: 4.1993e-07)</p>
 <p>M96</p>	 <p>MAF_M00983 (E val: 2.7310e-08)</p>

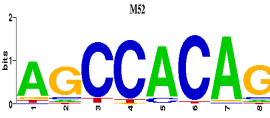





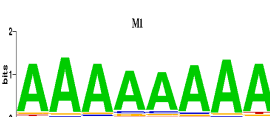

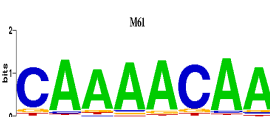



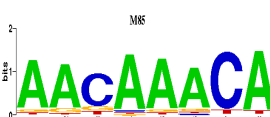



<p>M15</p>  <p>M15</p>	<p>HSF_M00167</p>  <p>HSF_M00167 (E val: 6.3022e-06)</p>
<p>M17</p>  <p>M17</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.4600e-06)</p>
<p>M29</p>  <p>M29</p>	<p>HNF4_M01033</p>  <p>HNF4_M01033 (E val: 5.9878e-05)</p>
<p>M22</p>  <p>M22</p>	<p>STAT_M00777</p>  <p>STAT_M00777 (E val: 4.4908e-04)</p>
<p>M83</p>  <p>M83</p>	<p>Eve_M00629</p>  <p>Eve_M00629 (E val: 4.2051e-05)</p>
<p>M28</p>  <p>M28</p>	<p>Eve_M00629</p>  <p>Eve_M00629 (E val: 1.0138e-05)</p>
<p>M30</p>  <p>M30</p>	<p>LF-A1_M00646</p>  <p>LF-A1_M00646 (E val: 1.8601e-05)</p>
<p>M93</p>  <p>M93</p>	<p>Alx-4_M00619</p>  <p>Alx-4_M00619 (E val: 5.1099e-05)</p>

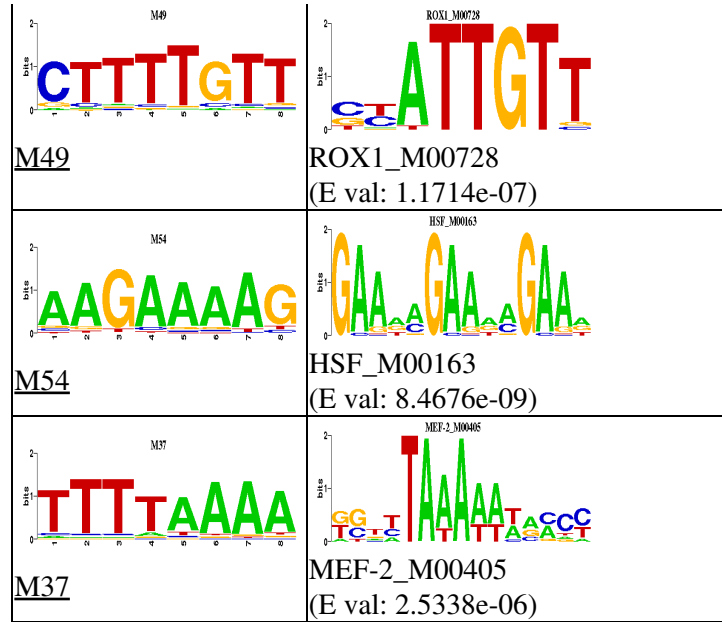
<p>M10</p>  <p>M10</p>	<p>GAGA_M00723</p>  <p>GAGA_M00723 (E val: 6.8864e-06)</p>
<p>M40</p>  <p>M40</p>	<p>Sry-beta_M00666</p>  <p>Sry-beta_M00666 (E val: 3.5174e-05)</p>
<p>M57</p>  <p>M57</p>	<p>GAGA_M00723</p>  <p>GAGA_M00723 (E val: 8.8892e-05)</p>
<p>M46</p>  <p>M46</p>	<p>SEF-1_M00214</p>  <p>SEF-1_M00214 (E val: 1.6081e-05)</p>
<p>M62</p>  <p>M62</p>	<p>IRF_M00972</p>  <p>IRF_M00972 (E val: 3.2531e-08)</p>
<p>M70</p>  <p>M70</p>	<p>Nrf-2_M00108</p>  <p>Nrf-2_M00108 (E val: 1.0590e-08)</p>
<p>M14</p>  <p>M14</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 3.0056e-06)</p>
<p>M66</p>  <p>M66</p>	<p>SMAD3_M00701</p>  <p>SMAD3_M00701 (E val: 5.7352e-06)</p>

<p>M60</p> 	<p>SMAD3_M00701 (E val: 1.3078e-09)</p> 
<p>M82</p> 	<p>MZF1_M00084 (E val: 2.2228e-06)</p> 
<p>M87</p> 	<p>NRSF_M01028 (E val: 2.5185e-05)</p> 
<p>M32</p> 	<p>PBF_M01130 (E val: 2.2762e-06)</p> 
<p>M43</p> 	<p>STAT5B_M00459 (E val: 2.4634e-06)</p> 
<p>M67</p> 	<p>BLIMP1_M01066 (E val: 2.1931e-10)</p> 
<p>M84</p> 	<p>ISGF-3_M00258 (E val: 2.9880e-07)</p> 
<p>M39</p> 	<p>STE11_M01005 (E val: 2.3043e-08)</p> 

<p>M44</p>  <p>M44</p>	<p>STE11_M01005</p>  <p>STE11_M01005 (E val: 2.0501e-07)</p>
<p>M35</p>  <p>M35</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 4.4048e-11)</p>
<p>M53</p>  <p>M53</p>	<p>Elf-1_M00746</p>  <p>Elf-1_M00746 (E val: 4.2889e-08)</p>
<p>M76</p>  <p>M76</p>	<p>c-Ets-2_M00340</p>  <p>c-Ets-2_M00340 (E val: 7.9911e-07)</p>
<p>M71</p>  <p>M71</p>	<p>Helios_M01004</p>  <p>Helios_M01004 (E val: 2.1288e-11)</p>
<p>M73</p>  <p>M73</p>	<p>AG_M01133</p>  <p>AG_M01133 (E val: 4.1872e-08)</p>
<p>M59</p>  <p>M59</p>	<p>PBF_M01130</p>  <p>PBF_M01130 (E val: 2.2311e-06)</p>
<p>M64</p>  <p>M64</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 8.2365e-06)</p>

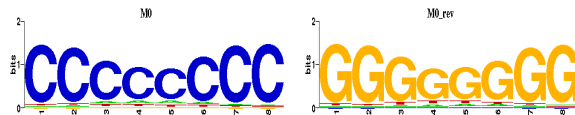
 <p>M74</p>	 <p>ARF_M00438 (E val: 2.2017e-07)</p>
 <p>M95</p>	 <p>Ovo_M00461 (E val: 5.6746e-06)</p>
 <p>M45</p>	 <p>GATA-2_M00349 (E val: 2.6728e-05)</p>
 <p>M63</p>	 <p>Sry-beta_M00666 (E val: 2.4331e-05)</p>
 <p>M90</p>	 <p>PEND_M01015 (E val: 3.7641e-07)</p>
 <p>M97</p>	 <p>PEND_M01015 (E val: 3.6484e-07)</p>
 <p>M3</p>	 <p>CACD_M01113 (E val: 1.2728e-05)</p>
 <p>M58</p>	 <p>CACD_M01113 (E val: 1.2976e-10)</p>

 <p>M52</p>	 <p>Zta_M00711 (E val: 9.6296e-06)</p>
 <p>M77</p>	 <p>Alfin1_M00479 (E val: 5.6037e-05)</p>
 <p>M81</p>	 <p>Osf2_M00731 (E val: 2.0358e-04)</p>
 <p>M1</p>	 <p>Hb_M00022 (E val: 1.0793e-06)</p>
 <p>M61</p>	 <p>HNF3alpha_M00724 (E val: 3.5674e-06)</p>
 <p>M72</p>	 <p>STE11_M01005 (E val: 2.6559e-08)</p>
 <p>M85</p>	 <p>HFH4_M00742 (E val: 8.4232e-12)</p>
 <p>M94</p>	 <p>HFH4_M00742 (E val: 6.9795e-12)</p>



Motif Similarity Matches

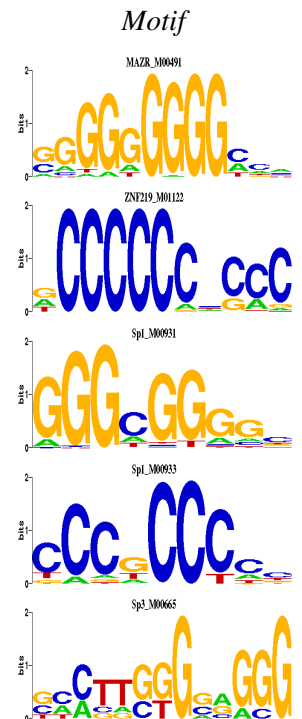
M0



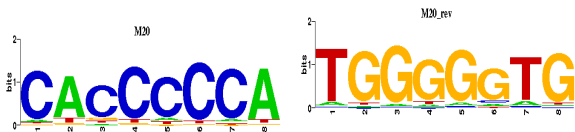
forward

reverse compliment

Name	E value	Alignment
MAZR_M00491	9.1348e-12	-GGGGGGGG--- SGGGGGGGGMNN
ZNF219_M01122	2.1457e-10	--GGGGGGGG- GGNGGGGGGN
Sp1_M00931	2.8279e-07	-CCCCCCCC NCCCCGCC
Sp1_M00933	6.4315e-07	-GGGGGGGG NGGGGMGG
Sp3_M00665	7.4494e-07	----GGGGGGGG SMCTTGGGSRGG



M20

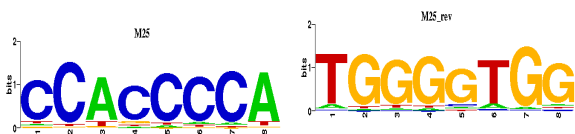


forward

reverse compliment

Name	E value	Alignment	Motif
GBF_M00633	6.7613e-14	CACCCCA NACCCNA	
UF1H3BETA_M01068	1.4300e-07	----CACCCCA-- GCCCTCCCCRC	
Egr_M00807	2.6090e-06	--CACCCCA NYGSCCCA	
CACD_M01113	7.5784e-06	TGGGGTG -GGYGTG	
Alfin1_M00479	1.2001e-05	CACCCCA----- MNNCCCCACNYYN	

M25

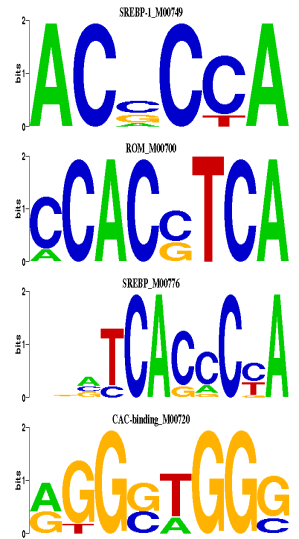


forward

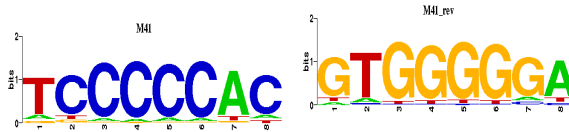
reverse compliment

Name	E value	Alignment	Motif
SREBP-1_M00221	8.4940e-09	-TGGGGTGG- GTGGGTGAT	

SREBP-1_M00749	4.9062e-08	CCACCCCA --ACSCCA
ROM_M00700	5.5570e-08	TGGGGTGG TGASGTGG
SREBP_M00776	1.7256e-07	---CCACCCCA NNNTCACCCYA
CAC-binding_M00720	5.6892e-07	-CCACCCCA CCCASCCY-



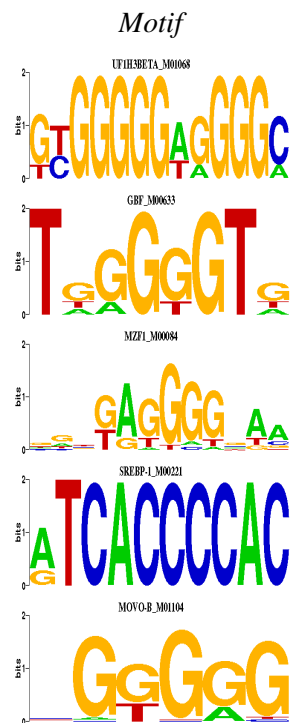
M41



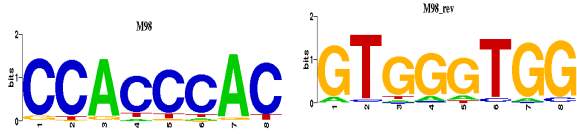
forward

reverse compliment

Name	E value	Alignment
UF1H3BETA_M01068	7.2305e-10	-----TCCCCAC GCCCTCCCCRC
GBF_M00633	3.2057e-06	-TCCCCAC NACCCNA-
MZF1_M00084	4.4366e-06	-TCCCCAC--- TTNCCCCTCNNN
SREBP-1_M00221	1.3602e-05	GTGGGGGA-- GTGGGGTGAT
MOVO-B_M01104	5.7715e-05	TCCCCAC -CCCCN-



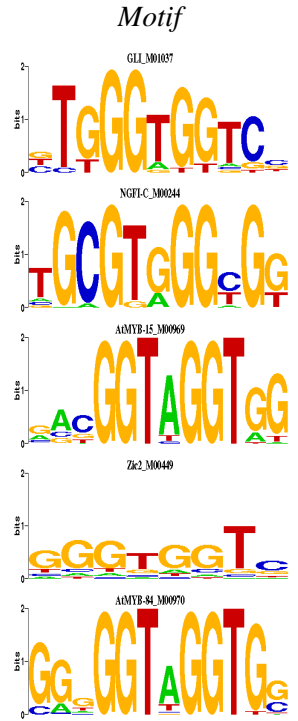
M98



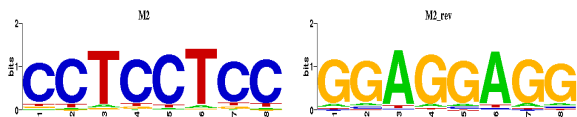
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
GLI_M01037	6.3822e-09	---CCACCCAC NGACCACCCAN
NGFI-C_M00244	7.3021e-09	CCACCCAC--- CCRCCCACGCA
AtMYB-15_M00969	1.0620e-06	CCACCCAC---- CCACCTACCGTN
Zic2_M00449	1.3745e-06	GTGGGTGG-- --GGGTGGTN
AtMYB-84_M00970	1.6063e-06	CCACCCAC---- SCACCTACCNCC



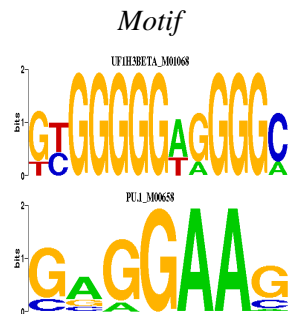
M2



forward

reverse compliment

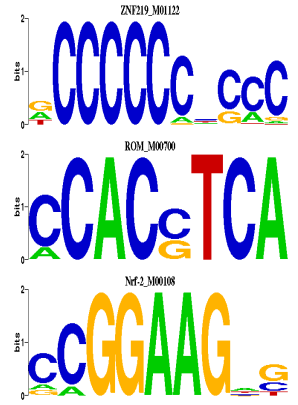
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	2.9529e-06	--GGAGGAGG--- GYGGGGGAGGGGC
PU.1_M00658	3.7768e-06	CCTCCTCC CTTCCTC-



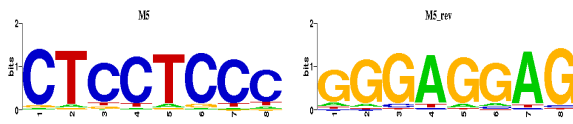
Stamp Results

10/01/13

ZNF219_M01122	2.5096e-05	-GGAGGAGG-- GGGNGGGGGGN
ROM_M00700	5.8434e-05	GGAGGAGG TGASGTGG
Nrf-2_M00108	1.5310e-04	--GGAGGAGG CCGGAAGNS-



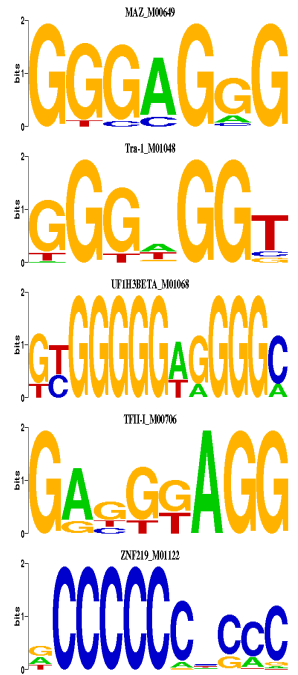
M5



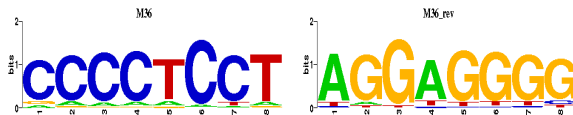
forward

reverse compliment

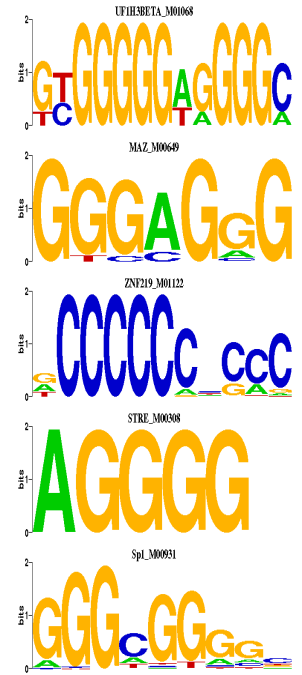
Name	E value	Alignment	Motif
MAZ_M00649	2.1392e-07	CTCCTCCC -CCCTCCC	
Tra-1_M01048	2.1172e-06	GGGAGGAG GGWGGT-	
UF1H3BETA_M01068	2.9271e-06	-CTCCTCCC---- GCCCCTCCCCRC	
TFII-I_M00706	1.4560e-05	CTCCTCCC-- --CCTMCNTC	
ZNF219_M01122	2.5535e-05	GGGAGGAG--- GGGNGGGGGGN	



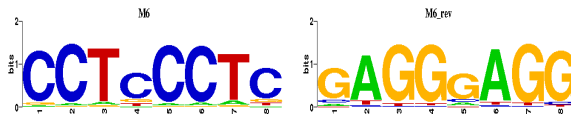
M36



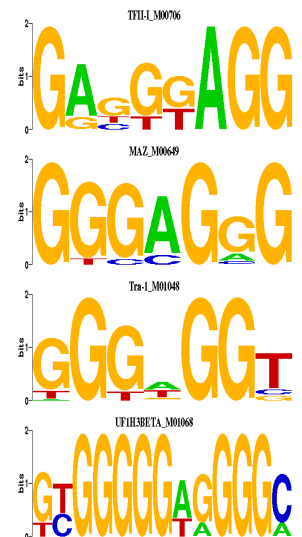
	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
UF1H3BETA_M01068	2.3783e-07	-CCCCTCCT---- GCCCTCCCCRC
MAZ_M00649	2.8173e-07	CCCCTCCT -CCCTCCC
ZNF219_M01122	2.8842e-06	AGGAGGGG--- GGGNGGGGGGN
STRE_M00308	2.0049e-05	-CCCCTCCT NCCCCT---
Sp1_M00931	2.0261e-05	-CCCCTCCT NCCCCGCC



M6



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
TFII-I_M00706	7.3253e-13	CCTCCCTC CCTMCNTC
MAZ_M00649	2.3263e-07	-CCTCCCTC CCCTCCC--
Tra-1_M01048	2.4799e-06	-CCTCCCTC ACCWCCC--
UF1H3BETA_M01068	4.0897e-06	--GAGGGAGG--- GYGGGGGAGGGG



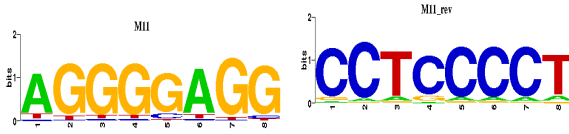
PU.1_M00658

5.2450e-06

CCTCCCTC
-CTTCCTC



M11

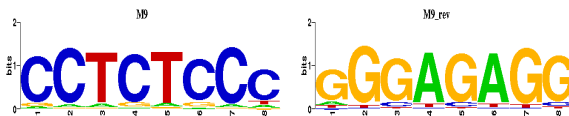


forward

reverse compliment

Name	E value	Alignment	Motif
MAZ_M00649	2.3435e-07	-CCTCCCT CCCTCC--	
UF1H3BETA_M01068	2.4992e-07	---CCTCCCT-- GCCCCCCCCRC	
Tra-1_M01048	2.1166e-06	-CCTCCCT ACCWCC--	
Sp1_M00933	1.1012e-05	AGGGGAGG- NGGGGMGGG	
TFII-I_M00706	1.1031e-05	AGGGGAGG GANGKAGG	



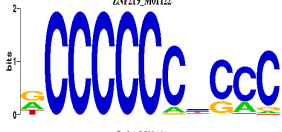


M9



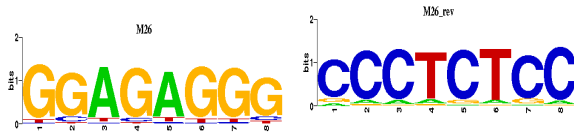
forward

reverse compliment

Name	E value	Alignment	Motif
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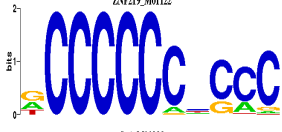

MAZ_M00649	1.0827e-06	GGGAGAGG GGGAGGG-	
UF1H3BETA_M01068	3.8052e-06	---CCTCTCCC-- GCCCCTCCCCRC	
ZNF219_M01122	2.3805e-05	GGGAGAGG--- GGGNGGGGGGN	
Lyf-1_M00141	4.4835e-05	CCTCTCCC-- --YCTCCCAA	
BLIMP1_M01066	6.5895e-05	-CCTCTCCC---- YMCTTTCMCTTYC	

M26



forward

reverse compliment

Name	E value	Alignment	Motif
UF1H3BETA_M01068	3.8998e-06	--CCCTCTCC--- GCCCCTCCCCRC	
MAZ_M00649	6.1630e-06	CCCTCTCC CCCTCCC-	
ZNF219_M01122	2.3560e-05	-GGAGAGGG-- GGGNGGGGGGN	
Sp1_M00933	1.3594e-04	-GGAGAGGG NGGGGMGGG	

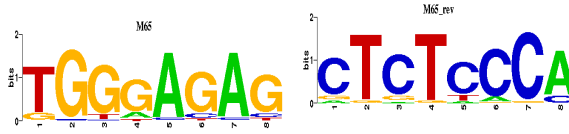
Sp3_M00665

2.0395e-04

-----GGAGAGGG
SMCTTGGGSRGGG



M65

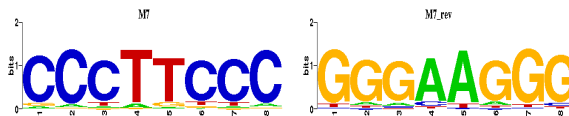


forward

reverse compliment

Name	E value	Alignment	Motif
Lyf-1_M00141	5.4323e-08	CTCTCCCA- -YCTCCCAA	
MAZ_M00649	8.9997e-07	CTCTCCCA CCCTCCC-	
UF1H3BETA_M01068	4.9711e-05	-TGGGAGAG----- GYGGGGGAGGGGC	
Nrf-2_M00108	6.9858e-05	CTCTCCCA- SNCTTCCGG	
RBP-Jkappa_M01111	2.0116e-04	--TGGGAGAG NGTGGGA---	

M7



forward

reverse compliment

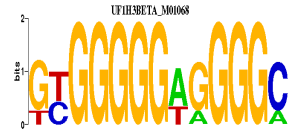
Name	E value	Alignment	Motif
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Stamp Results

10/01/13

UF1H3BETA_M01068 4.5113e-07

----GGGAAGGG--
GYGGGGGAGGGGC



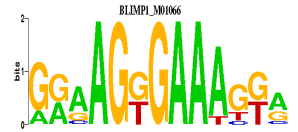
MAZ_M00649 3.5294e-06

CCCTTCCC
-CCCTCCC



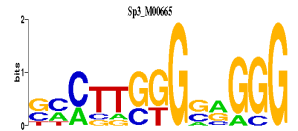
BLIMP1_M01066 6.8920e-06

GGGAAGGG-----
-GRAAGKGAAGKR



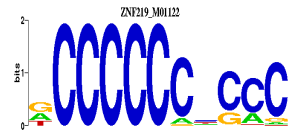
Sp3_M00665 2.7315e-05

CCCTTCCC-----
CCCYSCCCAAGKS

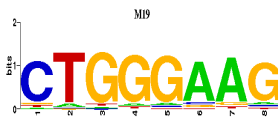


ZNF219_M01122 5.4923e-05

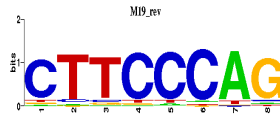
GGGAAGGG---
GGGNGGGGGGN



M19



forward



reverse compliment

Name

E value

Alignment

Motif

Ik-3_M00088 6.5183e-07

---CTTCCCAG-
GGTATTCCNRN



RBP-Jkappa_M01112 1.3600e-05

--CTGGGAAG
NCGTGGGAAM



Lyf-1_M00141 2.0391e-05

CTTCCCAG
YCTCCAA



NF-kappaB_M00208 3.3654e-05

CTGGGAAG-----
-NGGAAARTCCC



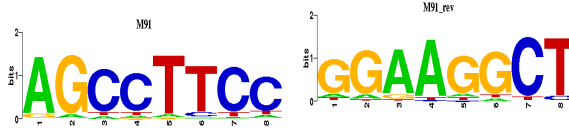
Ik-1_M00086

7.0183e-05

---CTTCCCAG--
NNNATTCCCANN



M91



forward

reverse compliment

Name E value Alignment Motif

Ets_M00971

2.2186e-04

--GGAAGGCT
NAGGAAG---



c-Ets-1_M00743

2.3259e-04

AGCCTTCC--
--GCTTCK



PEA3_M00655

2.5100e-04

--GGAAGGCT
MGGAWG---



PU.1_M00658

2.5818e-04

AGCCTTCC--
---CTTCCT



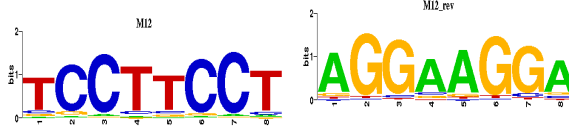
GCR1_M00046

7.0378e-04

--GGAAGGCT
GWGGAAGC--








M12



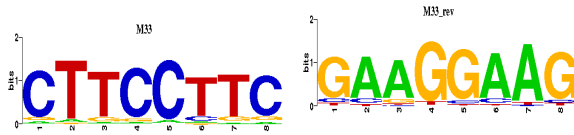
forward

reverse compliment

Name E value Alignment Motif





Tel-2_M00678	6.3032e-08	-AGGAAGGA CAGGAAGTA	
Ets_M00971	3.0216e-07	-AGGAAGGA NAGGAAG--	
PU.1_M00658	3.8944e-07	TCCTTCCT-- --CTTCCTC	
PEA3_M00655	1.7234e-06	AGGAAGGA MGGAWG--	
c-Ets-1_M00743	2.5207e-06	TCCTTCCT -GCTTCK	

M33



forward

reverse compliment

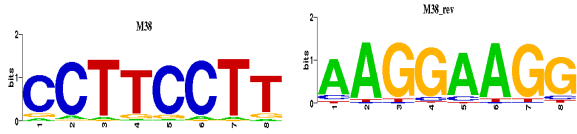
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAF_M00648	1.1454e-07	-----CTTCCTTC-- NSNMMACTTCCYCN	
Ets_M00971	3.2219e-07	GAAGGAAG -NAGGAAG	
PU.1_M00658	3.4397e-07	GAAGGAAG -GAGGAAG	
PEA3_M00655	1.5010e-06	CTTCCTTC CWTCCK--	

c-Ets-1_M00743 2.3445e-06

-CTTCCTTC
GCTTCCK--



M38



forward

reverse compliment

Name E value Alignment Motif

Ets_M00971 3.1004e-07

AAGGAAGG
NAGGAAG-



PU.1_M00658 4.9544e-07

CCTTCCTT
-CTTCCTC



PEA3_M00655 1.0553e-06

AAGGAAGG
-MGGAWG-



c-Ets-1_M00743 2.0821e-06

CCTTCCTT
GCTTCCK-

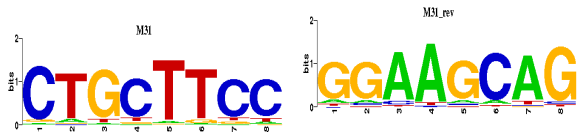


Tel-2_M00678 6.7268e-06

AAGGAAGG-
CAGGAAGTA



M31





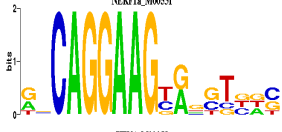
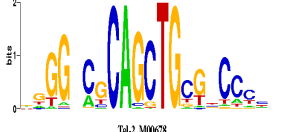

forward

reverse compliment

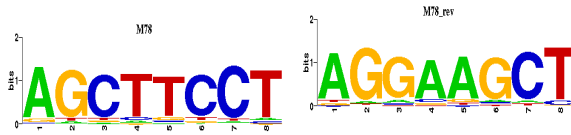
Name E value Alignment Motif

Stamp Results

10/01/13





c-Ets-1_M00743	9.6703e-07	-GGAAGCAG MGGAAGC--	
GCR1_M00046	1.6130e-06	--GGAAGCAG GWGGAAGC--	
NERF1a_M00531	1.8130e-06	-----CTGCTTCC----- SNNASNYRCTTCTGNY	
HEN1_M00058	8.4212e-06	---GGAAGCAG----- NNNGGNCGCAGCTGCGNCCNN	
Tel-2_M00678	5.6021e-05	--GGAAGCAG CAGGAAGTA-	

M78



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
c-Ets-1_M00743	2.2109e-09	AGCTTCCT -GCTTCCK	
GCR1_M00046	1.5116e-08	AGCTTCCT- -GCTTCWC	
Ets_M00971	2.5459e-07	-AGGAAGCT NAGGAAG--	
PU.1_M00658	3.5037e-07	AGCTTCCT- --CTTCCTC	

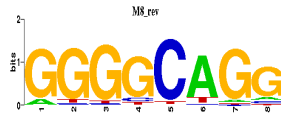
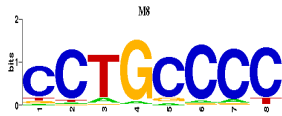
PEA3_M00655

1.3444e-06

AGGAAGCT
MGGAWG--



M8

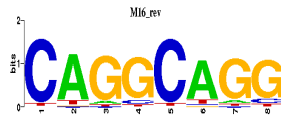
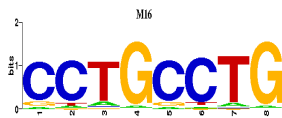


forward

reverse compliment

Name	E value	Alignment	Motif
Sp1_M00933	1.8961e-07	-GGGGCAGG NGGGGMGGG	
AtMYB-84_M00970	5.2369e-07	---CCTGCCCC- SCACCTACCNC	
Sp1_M00196	2.0506e-06	---CCTGCCCC- NNCCCCGCCCN	
UF1H3BETA_M01068	2.4674e-06	---CCTGCCCC- GCCCTCCCCRC	
GC_M00255	3.4973e-06	-GGGGCAGG---- NNGGGCGGGCNN	



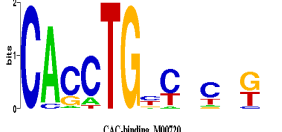
M16



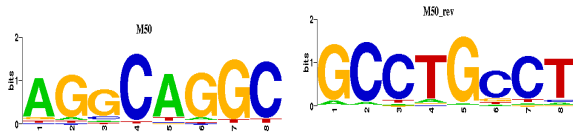
forward

reverse compliment

Name	E value	Alignment	Motif
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E2A_M00973	1.7467e-05	-CCTGCCTG ANCTGNY--	
Tel-2_M00678	6.3169e-05	-CCTGCCTG TACTTCCTG	
TFII-I_M00706	1.2975e-04	CCTGCCTG CCTMCNTC	
E2A_M00804	1.6925e-04	--CCTGCCTG--- CACCTGNCNCNK	
CAC-binding_M00720	1.7960e-04	CAGGCAGG- -RGGSTGGG	

M50



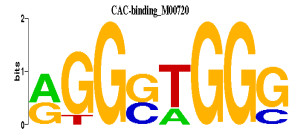
forward

reverse compliment

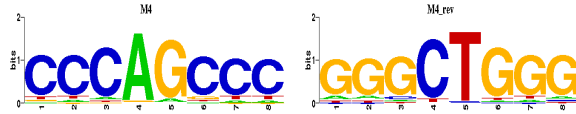
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00973	1.1698e-05	AGGCAGGC -RNCAGNT	
SMAD3_M00701	7.6454e-05	AGGCAGGC AGNCAGAC	
E2A_M00804	1.2335e-04	----AGGCAGGC- NMNGNGNCAGGTG	
TFII-I_M00706	1.2656e-04	GCCTGCCT- -CCTMCNTC	

CAC-binding_M00720 1.2978e-04

AGGCAGGC
RGGSTGGG



M4

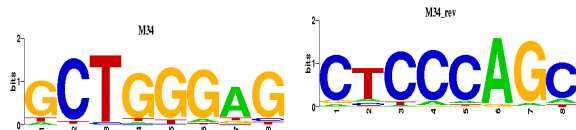


forward

reverse compliment

Name	E value	Alignment	Motif
CAC-binding_M00720	6.0858e-09	CCCAGCCC CCCASCCY	
Sp1_M00931	5.0089e-08	-CCCAGCCC NCCCCGCC	
Sp1_M00932	9.2302e-07	--GGGCTGGG-- NNGGGCGGGGNN	
Sp1_M00196	1.0201e-06	--GGGCTGGG-- NNGGGCGGGGNN	
KROX_M00982	3.2888e-06	-GGGCTGGG---- GNNGNGGGGGCGG	

M34

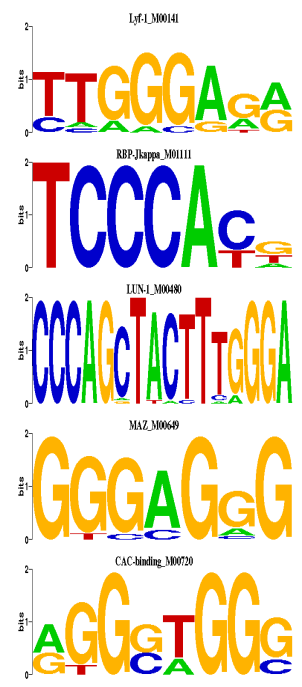


forward

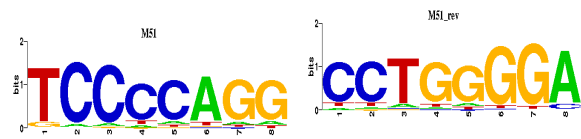
reverse compliment

Name	E value	Alignment	Motif
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Lyf-1_M00141	2.2734e-06	-CTCCCAGC YCTCCCAA-
RBP-Jkappa_M01111	1.7580e-04	GCTGGGAG NGTGGGA-
LUN-1_M00480	1.7853e-04	-----GCTGGGAG TCCCAAAGTAGCTGGG--
MAZ_M00649	2.2333e-04	--CTCCCAGC CCCTCC---
CAC-binding_M00720	2.3980e-04	CTCCCAGC-- --CCCASCCY



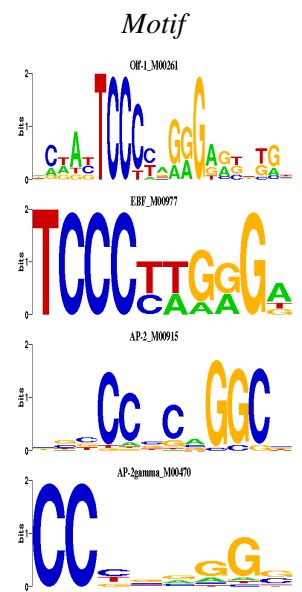
M51



forward

reverse compliment

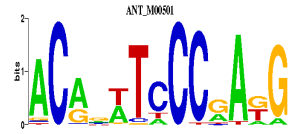
Name	E value	Alignment
Olf-1_M00261	1.7373e-08	-----CCTGGGGA----- NCMNNYTCCCNRRGGANTNGN
EBF_M00977	3.8371e-07	--CCTGGGGA NCYCWRGGGA
AP-2_M00915	7.0365e-07	--CCTGGGGA-- NGCCNGNGGNNN
AP-2gamma_M00470	2.7357e-05	TCCCAGG SCCANNNG



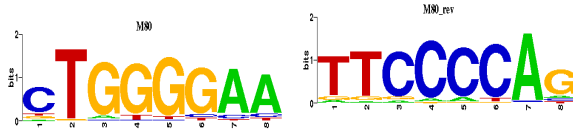
ANT_M00501

5.9686e-05

CCTGGGGA-----
CMTYGGGAWNTGT



M80

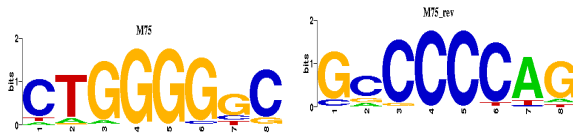


forward

reverse compliment

Name	E value	Alignment	Motif
Olf-1_M00261	5.3991e-07	-----CTGGGAA----- NCMNNYTCCCNRRGGGANTNGN	
XPF-1_M00684	1.0342e-05	-TTCCCCAG GKTSNYCNG	
SREBP-1_M00749	8.9594e-05	CTGGGAA -TGGSGT-	
EBF_M00977	9.4166e-05	---CTGGGAA NCYCWRGGGA-	
MZF1_M00084	1.1865e-04	TTCCCCAG----- TTNCCCCTCINN	



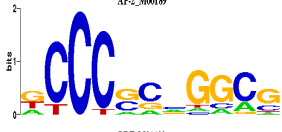


M75



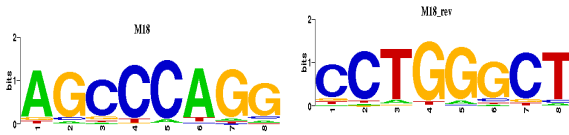
forward

reverse compliment

Name	E value	Alignment	Motif
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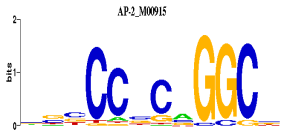



Egr_M00807	7.0379e-08	CTGGGGGC--- -TGGGSGCRRN	
GBF_M00633	3.7425e-06	-GCCCCCAG NACCCCN-	
AP-2_M00189	1.4358e-05	---CTGGGGGC CGCCNGSGGGN	
LRF_M01100	3.9275e-05	CTGGGGGC-- --GGGGKYNN	
RCS1_M00753	5.8344e-05	--CTGGGGGC-- AANTGGGTGCAK	

M18



forward

reverse compliment

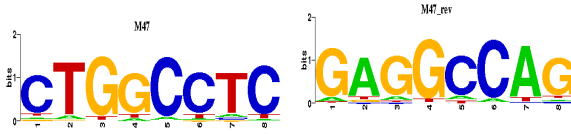
Name	E value	Alignment	Motif
AP-2_M00915	2.5400e-04	--CCTGGGCT-- NGCCNGNGGNNN	
Egr-3_M00245	4.5201e-04	--CCTGGGCT- TGCGTGGGCGT	
Egr-1_M00243	5.2199e-04	--CCTGGGCT- TGCGTGGGCGK	
SREBP-1_M00749	5.5556e-04	CCTGGGCT --TGGSGT	

alpha-CP1_M00687 5.8489e-04

--CCTGGGCT
CTCATTGGCT



M47

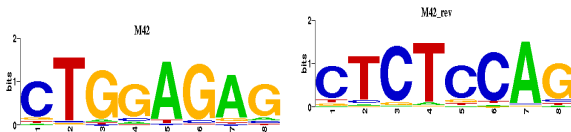


forward

reverse compliment

Name	E value	Alignment	Motif
BRK_M01096	2.3403e-05	CTGGCCTC NTGGCG--	
Poly_M00211	3.2329e-05	GAGGCCAG GAGACCAC	
GAL4_M00049	4.7557e-04	-----GAGGCCAG----- STTCGGASNANWGTNNNCCGNN	
GAL4_M00198	1.0596e-03	-----GAGGCCAG----- NGYTCGGNNNANAGNNNNCCG	
NF-muE1_M00651	1.1430e-03	GAGGCCAG-- --GGCCATCT	

M42



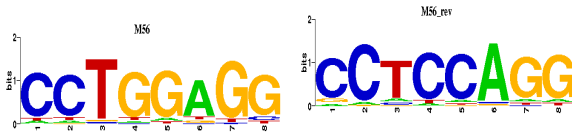
forward

reverse compliment

Name	E value	Alignment	Motif
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NF-kappaB_M00208	1.1164e-04	CTGGAGAG---- -NGGAAARTCCC	
BRK_M01096	2.3075e-04	CTGGAGAG NTGGCG--	
MAZ_M00649	4.0543e-04	CTCTCCAG CCCTCCC-	
XPF-1_M00684	8.0323e-04	-CTCTCCAG GKTSNYCNG	
NRSE_M00325	1.0059e-03	----CTCTCCAG----- GGCRCTCTCCNGGTGCTGA	

M56



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Barbie_M00238	1.5477e-05	-----CCTGGAGG NNNAAAGSNGNNKG	
ZAP1_M00754	4.7810e-05	-CCTCCAGG- CCCTMAAGGT	
Pax-6_M00979	1.0577e-04	---CCTGGAGG-- TGACCTGGAAC TM	
MAZ_M00649	2.7073e-04	-CCTCCAGG CCCTCCC--	

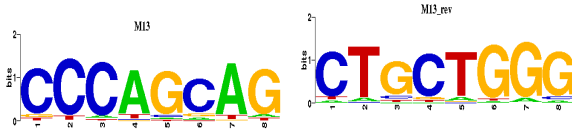
BRK_M01096

3.1336e-04

CCTGGAGG
-NTGGCG-



M13

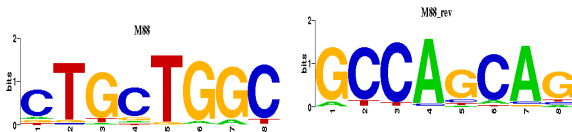


forward

reverse compliment

Name	E value	Alignment	Motif
LMAF_M01139	1.5032e-06	CCCAGCAG STCAGCAG	
HEB_M00698	4.5965e-06	CTGCTGGG CAGCWGG-	
AP-4_M00176	8.6520e-05	CCCAGCAG- NNCAGCTGN	
CAC-binding_M00720	1.2367e-04	CCCAGCAG CCCASCCY	
LUN-1_M00480	1.7242e-04	-----CTGCTGGG TCCCAAAGTAGCTGGG	

M88



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

LMAF_M01139 1.8390e-08

GCCAGCAG
STCAGCAG



HEB_M00698 1.3785e-05

CTGCTGGC
CAGCWGG-



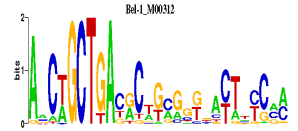
BRK_M01096 2.1915e-05

CTGCTGGC-
---NTGGCC



Bel-1_M00312 4.3191e-05

-----GCCAGCAG--
KNGRNAGTNMNCKCWGYRTCAGCAGNT

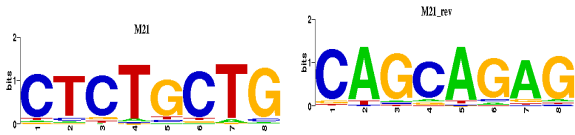


bZIP910_M00357 1.1446e-04

--GCCAGCAG-
ACGTCAGCAYS



M21



forward

reverse compliment

Name

E value

Alignment

Motif

LMAF_M01139

1.4867e-06

CTCTGCTG--
--CTGCTGAS



HEB_M00698

1.6458e-05

CAGCAGAG
CAGCWGG-



Eve_M00629

2.5158e-04

CAGCAGAG---
--GCNGNSSWN



BRCA1-USF2_M01082 3.5958e-04

CAGCAGAG
CAACNNN-



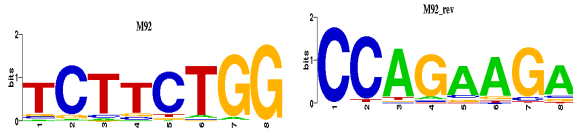
AP-4_M00175

4.3756e-04

--CAGCAGAG
NNCAGCTGN-



M92

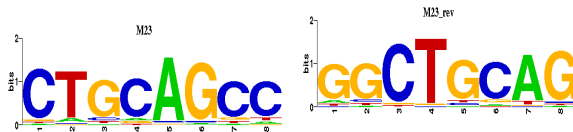


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Nrf-2_M00108	1.7297e-07	-TCTTCTGG SNCTTCCGG	
XPF-1_M00684	3.2881e-05	--TCTTCTGG GKTSNYCNG-	
HSF_M00641	3.8795e-05	---TCTTCTGG- GAARCYNCKNGA	
RP58_M00532	2.2528e-04	-CCAGAAGA-- TCCAGATGTTN	
GABP_M00341	2.8239e-04	CCAGAAGA--- CCGGAAGNGCR	

M23



forward

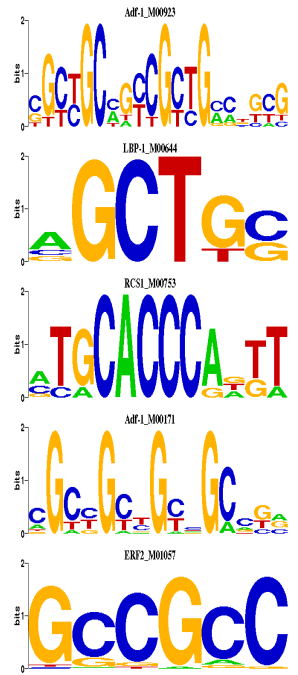
reverse compliment

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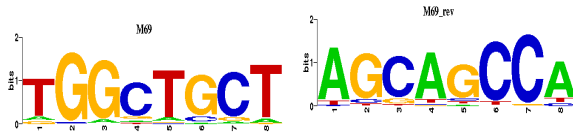
Stamp Results

10/01/13

Adf-1_M00923	1.7984e-06	--CTGCAGCC----- SGCYGCMGYCGCTGMMNKYG
LBP-1_M00644	8.2841e-05	CTGCAGCC --SCAGCN
RCS1_M00753	8.4173e-05	----GGCTGCAG AANTGGGTGCAK
Adf-1_M00171	1.1815e-04	--GGCTGCAG----- NMNGCNRRCRGCRGCG
ERF2_M01057	2.3991e-04	GGCTGCAG GGCGGC--



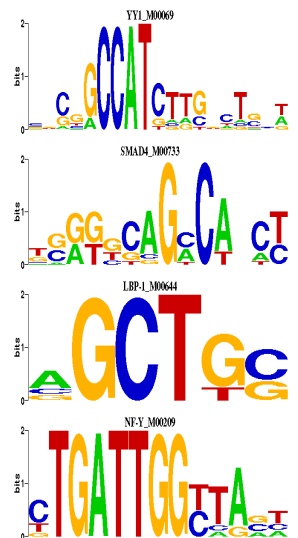
M69



forward

reverse compliment

Name	E value	Alignment	Motif
YY1_M00069	1.5599e-07	AGCAGCCA----- WNSANNCAAGATGGCNGNN	YY1_M00069
SMAD4_M00733	5.0219e-06	---TGGCTGCT--- RGNTGKCTGNMYSN	SMAD4_M00733
LBP-1_M00644	9.9679e-05	AGCAGCCA -SCAGCN-	LBP-1_M00644
NF-Y_M00209	2.8716e-04	AGCAGCCA----- NNTARCCAATCAG	NF-Y_M00209



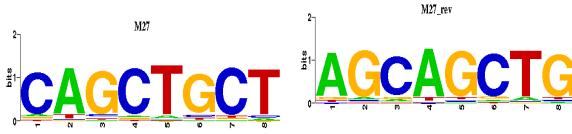
ERF2_M01057

2.8862e-04

TGGCTGCT
-GGCGGC-



M27



forward

reverse compliment

Name

E value

Alignment

Motif

TAL1_M00993

1.0747e-10

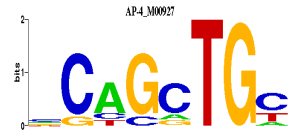
-CAGCTGCT
CCANCTGNY



AP-4_M00927

1.4003e-09

-CAGCTGCT
NCAGCTGY-



myogenin_M00712

2.6747e-09

CAGCTGCT
CASCTGN-



LBP-1_M00644

1.0171e-07

AGCAGCTG
-SCAGCN-



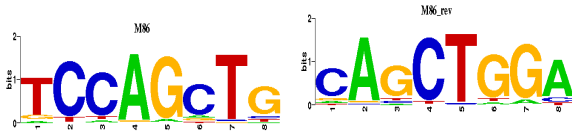
HEB_M00698

6.2391e-07

AGCAGCTG-
--CAGCWGG



M86



forward

reverse compliment

Name






E value

Alignment

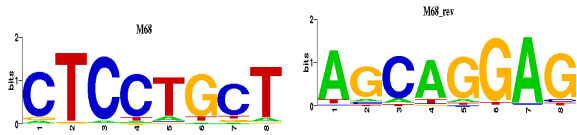
Motif

Stamp Results

10/01/13





HEB_M00698	1.4604e-10	CAGCTGGA CAGCWGG-	
AP-4_M00176	1.0668e-08	TCCAGCTG- NNCAGCTGN	
TAL1_M00993	1.4813e-07	--CAGCTGGA RNCAGNTGG-	
RP58_M00532	6.6002e-07	TCCAGCTG--- TCCAGATGTTN	
AP-4_M00927	2.0874e-06	TCCAGCTG- -RCAGCTGN	

M68



forward

reverse compliment

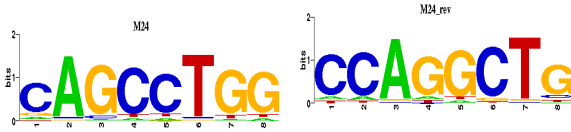
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KAISO_M01119	2.1474e-08	--AGCAGGAG NTNGCAGGA-	
Ttk_M00009	1.8952e-07	AGCAGGAG -GCAGGAC	
Barbie_M00238	4.7843e-06	-----AGCAGGAG- NNNAAAGSNGNNG	
HEB_M00698	1.2432e-05	-AGCAGGAG CAGCWGG--	

myogenin_M00712 9.2036e-05

AGCAGGAG
-NCAGSTG



M24

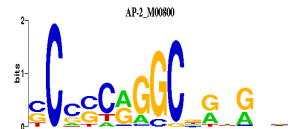


forward

reverse compliment

Name E value Alignment Motif

AP-2_M00800 7.2509e-05 ----CAGCCTGG---
NNYNYNGCCYGSSGS



AP-2_M00915 3.1040e-04 CAGCCTGG-----
-NGCCNGNGGNNN



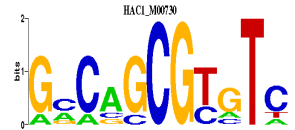
CAC-binding_M00720 3.9310e-04 --CAGCCTGG
CCCASCCY--



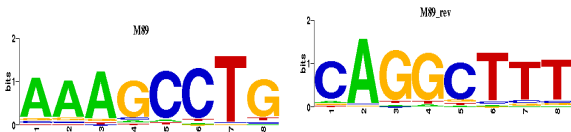
RFX1_M00280 7.5871e-04 -----CCAGGCTG--
NNGTTRCYWNGYNACN



HAC1_M00730 7.9947e-04 -CCAGGCTG--
GACACGCTGKC



M89



forward

reverse compliment

Name E value Alignment Motif

Stamp Results

10/01/13

MEF-3_M00319 2.9815e-04

---AAAGCCTG---
NGWAACCTGASC



c-Rel_M00053 9.4609e-04

--AAAGCCTG
GGAAWNYCC-



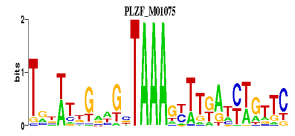
Barbie_M00238 1.0926e-03

---CAGGCTTT---
CMNNCNSCTTTNNN



PLZF_M01075 1.3326e-03

-----AAAGCCTG-----
TNNWYNGNNGNTAAANYTTKANYWGNTC

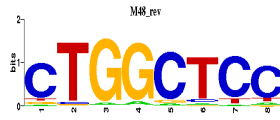
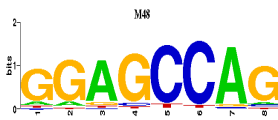


PBF_M01130 1.7979e-03

AAAGCCTG
AAAGG---



M48



forward

reverse compliment

Name

E value

Alignment

Motif

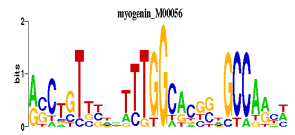
BRK_M01096 2.1327e-05

CTGGCTCC
NTGGCG--



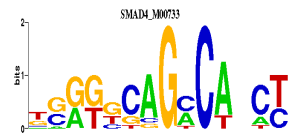
myogenin_M00056 8.9842e-05

--CTGGCTCC-----
NNYTGGCNSNGTGCCAAANNNNACAGST



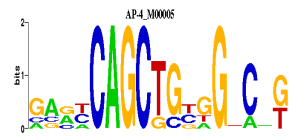
SMAD4_M00733 2.9075e-04

--CTGGCTCC----
RGNTGKCTGNMYSN



AP-4_M00005 3.5849e-04

-----CTGGCTCC
MNGNCNNCAGCTGNNNN-



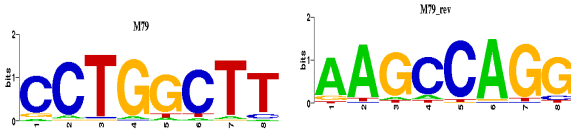
ZID_M00085

4.9559e-04

CTGGCTCC-----
--GGCTCYATCAYC



M79

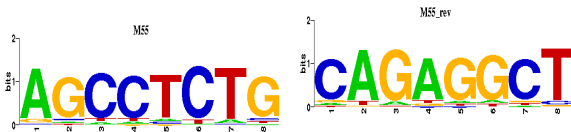


forward

reverse compliment

Name	E value	Alignment	Motif
Grainyhead-Elf-1-NTF-1_M00951	5.0049e-06	AAGCCAGG AAACCRG-	
BRK_M01096	2.2915e-05	CCTGGCTT -NTGGCG-	
PPARalpha-RXRalpha_M00242	2.1473e-03	-----CCTGGCTT- TGACCTTTGNCCTAGWTYW	
E2A_M00973	2.3020e-03	AAGCCAGG- --RNCAGNT	
alpha-CP1_M00687	3.2018e-03	---CCTGGCTT CTCATTGGCT-	

M55



forward

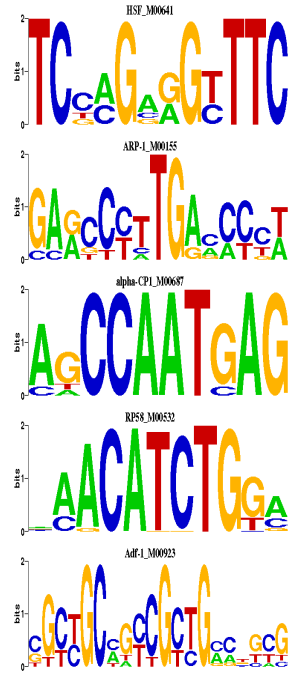
reverse compliment

Name E value Alignment Motif

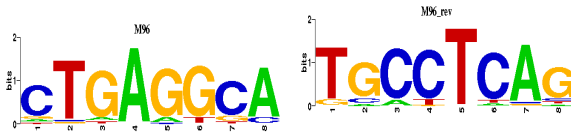
Stamp Results

10/01/13

HSF_M00641	4.1993e-07	--AGCCTCTG-- GAARCYNCKNGA
ARP-1_M00155	4.3323e-04	-----CAGAGGCT- WRGGKTC AARGGYTC
alpha-CP1_M00687	7.2101e-04	--CAGAGGCT CTCATTTGGCT
RP58_M00532	1.1048e-03	--CAGAGGCT- TCCAGATGTTN
Adf-1_M00923	1.5289e-03	-----AGCCTCTG----- SGCYGCMGYCGCTGMMNKYG



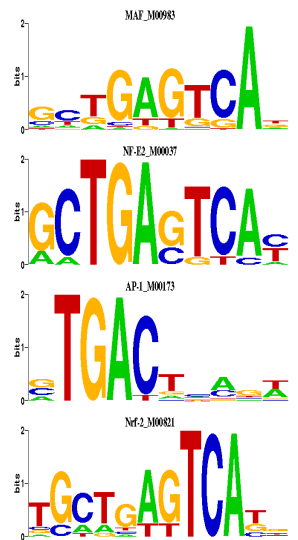
M96



forward

reverse compliment

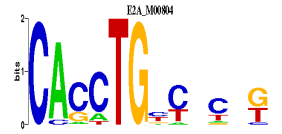
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAF_M00983	2.7310e-08	-TGCCTCAG- NTGACTCANC
NF-E2_M00037	7.3648e-08	-CTGAGGCA- GCTGAGTCAY
AP-1_M00173	3.2295e-07	-TGCCTCAG- NTGACTNMNW
Nrf-2_M00821	8.9766e-07	--CTGAGGCA-- TGCTGAGTCANN



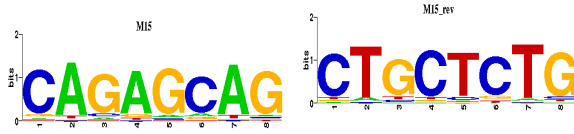
E2A_M00804

9.6426e-07

-CTGAGGCA-----
NMNGNGNCAGGTG



M15

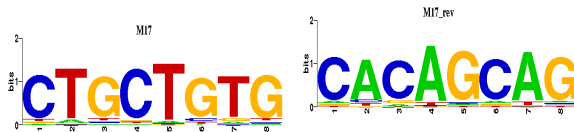


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00167	6.3022e-06	---CTGCTCTG--- NTTCNNTTCNNTTC	
Eve_M00629	3.4519e-05	-CAGAGCAG GCNGNSSWN	
XPF-1_M00684	5.8154e-04	-CTGCTCTG GKTSNYCNG	
LMAF_M01139	7.2948e-04	CTGCTCTG CTGCTGAS	
GR_M00205	8.3120e-04	CAGAGCAG----- MAGRACANNNTGTAC	

M17



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

LMAF_M01139 1.4600e-06

CACAGCAG
STCAGCAG



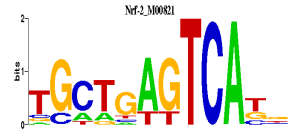
HEB_M00698 1.4405e-05

-CTGCTGTG
CCWGCTG--



Nrf-2_M00821 1.3338e-04

-----CACAGCAG
NNTGACTCAGCA-



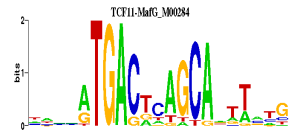
AP-4_M00005 1.4739e-04

-----CACAGCAG-----
MNGNCNNCAGCTGNNNN

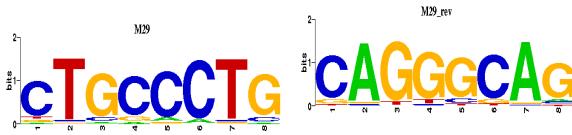


TCF11-MafG_M00284 8.7665e-04

-----CTGCTGTG-----
CNNANNTGCTGNGTCATNNNN



M29



forward

reverse compliment

Name

E value

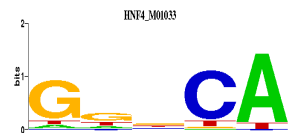
Alignment

Motif

HNF4_M01033

5.9878e-05

CAGGGCAG
--GNNCA-



Eve_M00629

8.6904e-04

-CAGGGCAG
GCNGNSSWN



Pax-6_M00979

1.1906e-03

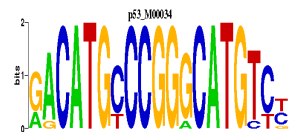
-----CAGGGCAG
KAGTTCCAGTCA-



p53_M00034

1.7266e-03

----CTGCCCTG-----
RGACATGCCCGGGCATGTC

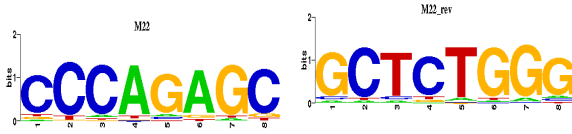


SMAD4_M00733 2.0208e-03

-----CTGCCCTG
RGNTGKCTGNMYSN



M22



forward

reverse compliment

Name E value Alignment Motif

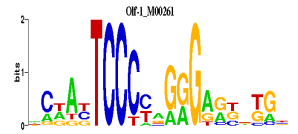
STAT_M00777 4.4908e-04

---GCTCTGGG--
NNNNTTCTNGGA



Olf-1_M00261 5.2433e-04

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



CDC5_M00361 5.5754e-04

--CCCAGAGC
NSCGCTGAGS



Eve_M00629 6.1873e-04

CCCAGAGC--
-GCNGNSSWN

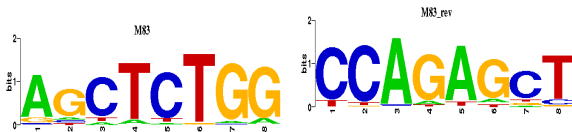


LUN-1_M00480 9.1175e-04

-----GCTCTGGG--
CCCAGCTACTTTGGGA



M83



forward

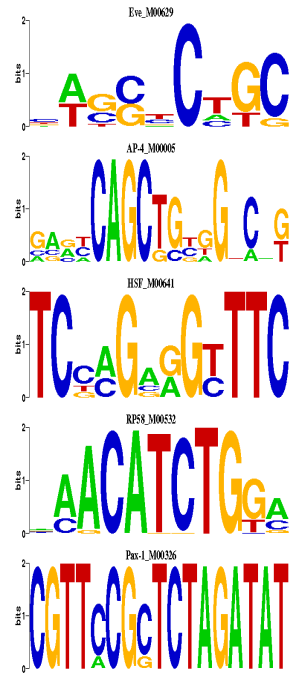
reverse compliment

Name E value Alignment Motif

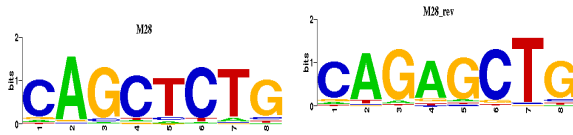
Stamp Results

10/01/13

Eve_M00629	4.2051e-05	CCAGAGCT- GCNGNSSWN
AP-4_M00005	5.7194e-05	----CCAGAGCT---- MNGNCNNCAGCTGNNNN
HSF_M00641	6.8288e-05	---AGCTCTGG- GAARCYNCKNGA
RP58_M00532	1.2630e-03	-CCAGAGCT-- TCCAGATGTTN
Pax-1_M00326	1.3924e-03	----CCAGAGCT---- ATATCTAGAGCGGAACG



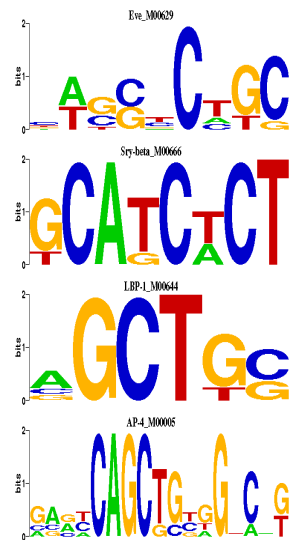
M28



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Eve_M00629	1.0138e-05	-CAGAGCTG GCNGNSSWN	
Sry-beta_M00666	1.3828e-05	CAGAGCTG- -AGWGATGC	
LBP-1_M00644	3.8217e-05	-CAGCTCTG SCAGCN---	
AP-4_M00005	6.7418e-05	----CAGAGCTG---- MNGNCNNCAGCTGNNNN	

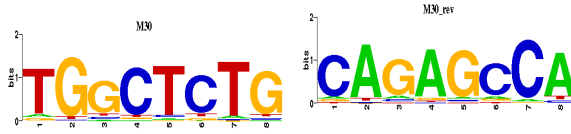


ZBRK1_M01105 5.1839e-04

-CAGAGCTG-----
AAANNCTGCKSCC



M30

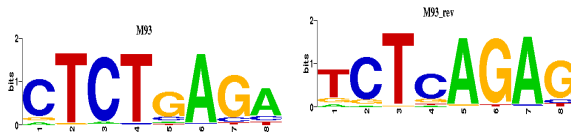


forward

reverse compliment

Name	E value	Alignment	Motif
LF-A1_M00646	1.8601e-05	CAGAGCCA YWGASCC-	
NRSF_M00256	2.9200e-04	-----CAGAGCCA TCAGCACCACGGACGCRSC-	
ZID_M00085	4.5292e-04	TGGCTCTG----- -GGCTCYATCAYC	
Eve_M00629	5.8379e-04	-CAGAGCCA GCNGNSSWN	
Nrf-2_M00821	8.0145e-04	--CAGAGCCA-- TGCTGAGTCANN	

M93







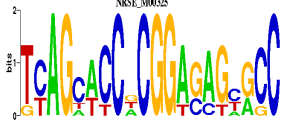
forward

reverse compliment

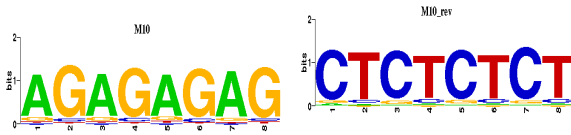
Name	E value	Alignment	Motif
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Stamp Results

10/01/13




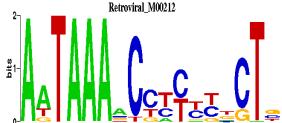
Alx-4_M00619	5.1099e-05	-----TCTCAGAG GATTATTCTCAG--	
CDC5_M00361	1.0016e-04	TCTCAGAG-- SCTCAGCGSN	
STAT_M00777	2.9658e-04	TCTCAGAG---- TCCNAGAANNNN	
AP-1_M00173	7.3884e-04	CTCTGAGA--- -WNKNAGTCAN	
NRSE_M00325	7.7384e-04	-----TCTCAGAG----- GGCRCTCTCCGNGGTGCTGA	

M10



forward

reverse compliment

Name	E value	Alignment	Motif
GAGA_M00723	6.8864e-06	-CTCTCTCT- TYNCKCTCWS	
SMAD3_M00701	2.0673e-05	AGAGAGAG AGNCAGAC	
TFII-I_M00706	1.0849e-04	-CTCTCTCT CCTMCNTC-	
Retroviral_M00212	1.1449e-04	-AGAGAGAG----- NAGNRRRRRGNTTTATT	

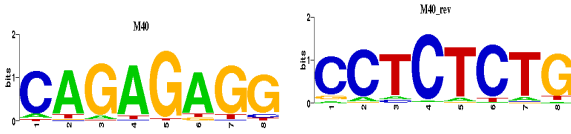
ARF_M00438

9.0941e-04

AGAGAGAG
-GAGACAA



M40

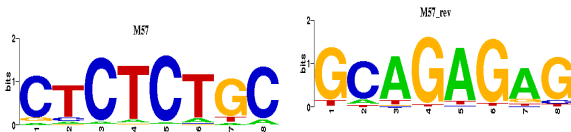


forward

reverse compliment

Name	E value	Alignment	Motif
Sry-beta_M00666	3.5174e-05	CAGAGAGG- -AGWGATGC	
GAGA_M00723	9.3452e-05	--CCTCTCTG TYNCKCTCWS	
Pax-9_M00329	1.9162e-04	-----CCTCTCTG----- NGNSNNCNCNCNNCNTGSNTNW	
TFII-I_M00706	2.5603e-04	CCTCTCTG CCTMCNTC	
Olf-1_M00261	3.4409e-04	----CCTCTCTG----- NCMNNYTCCCNRRGGGANTNGN	

M57



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

GAGA_M00723 8.8892e-05

---CTCTCTGC
TYNCKCTCWS-



Gfi1b_M01058 2.9372e-04

-GCAGAGAG--
WGCMGTGATTT



Eve_M00629 3.4132e-04

-CTCTCTGC
NWSSNCNGC



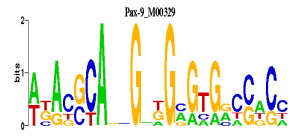
Dde_M00304 9.2081e-04

-GCAGAGAG
GGCTGAGC-

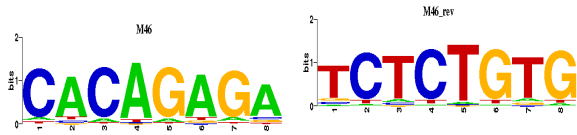


Pax-9_M00329 1.0412e-03

-----CTCTCTGC-----
NGNSNNCNCNCNNCNCNTGNTNW



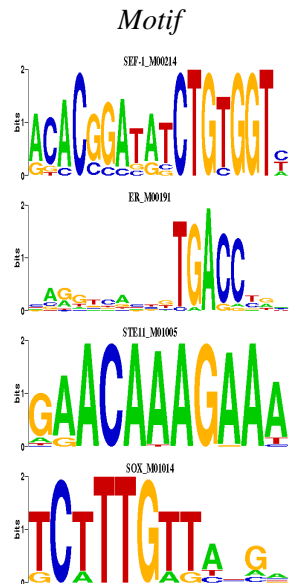
M46



forward

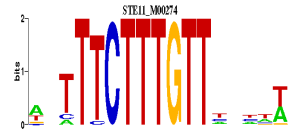
reverse compliment

Name	E value	Alignment
SEF-1_M00214	1.6081e-05	---CACAGAGA----- RACCACAGATATCCGTGT
ER_M00191	3.2737e-05	-----CACAGAGA---- NNNGGTCANNNNNNNYNN
STE11_M01005	1.3839e-04	--TCTCTGTG- TTTCTTTGTTC
SOX_M01014	2.7218e-04	----CACAGAGA NCNTAACAAAGA

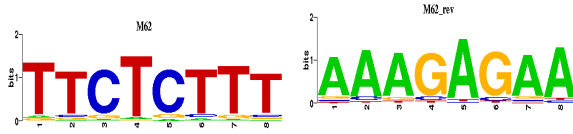


STE11_M00274 9.1224e-04

-----CACAGAGA-----
WNNNNAACAAAGAAANW



M62

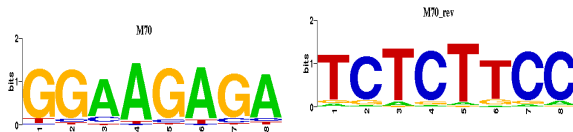


forward

reverse compliment

Name	E value	Alignment	Motif
IRF_M00972	3.2531e-08	AAAGAGAA-- AAANWGAAAN	
ISGF-3_M00258	5.5742e-08	---AAAGAGAA--- GNGAAANWGAAACT	
IRF-2_M00063	2.8987e-06	---TTCTCTTT- RSTTTTCRCTTTT	
IRF-1_M00062	3.4353e-06	---TTCTCTTT- GGTTTCRCTTTT	
MEF-2_M00233	9.4584e-06	---TTCTCTTT----- NNNTTCTATTTTTAGTAACAN	






M70



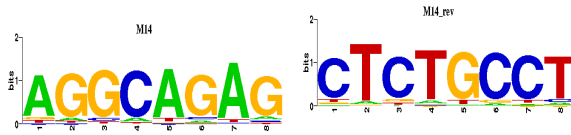
forward

reverse compliment

Name	E value	Alignment	Motif
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Nrf-2_M00108	1.0590e-08	TCTCTTCC-- -SNCTTCCGG	
IRF-1_M00747	2.5154e-05	GGAAGAGA --AANTGA	
BLIMP1_M01066	8.2148e-05	-----TCTCTTCC YMCTTTCMCTTYC	
GABP_M00341	1.3449e-04	-TCTCTTCC-- YGCNCTTCCGG	
HSF_M00163	1.4064e-04	GAAGAGA----- GAANAGAANAGAAN	

M14



forward

reverse compliment

Name	E value	Alignment	Motif
Dde_M00304	3.0056e-06	-CTCTGCCT GCTCAGCC-	
SMAD3_M00701	5.1917e-06	AGGCAGAG AGNCAGAC	
Nrf-2_M00108	1.1744e-04	CTCTGCCT- SNCTTCCGG	
Eve_M00629	3.0454e-04	AGGCAGAG--- --GCNGNSSWN	

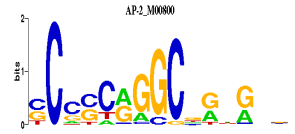
Stamp Results

10/01/13

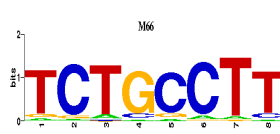
AP-2_M00800

8.7321e-04

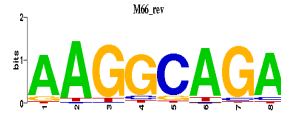
-----AGGCAGAG--
SCSSCRGGCNRNRNN



M66



forward



reverse compliment

Name

E value

Alignment

Motif

SMAD3_M00701

5.7352e-06

AAGGCAGA-
-AGNCAGAC



Dde_M00304

9.9200e-04

--TCTGCCTT
GCTCAGCC--



SMAD4_M00733

2.0478e-03

-----TCTGCCTT-
RGNTGKCTGNMYSN



PBF_M01130

2.1821e-03

TCTGCCTT-
----CCTTT



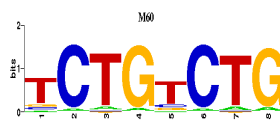
Ets_M00971

2.3705e-03

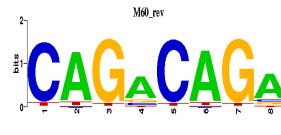
AAGGCAGA
NAGGAAG-



M60



forward



reverse compliment

Name

E value

Alignment

Motif

SMAD3_M00701 1.3078e-09

-TCTGTCTG
GTCIGNCT-



SMAD_M00974 2.9945e-05

TCTGTCTG---
-NWGTCTGNNN



TGIF_M00418 5.9169e-05

TCTGTCTG--
GCTGTCANNW



SMAD4_M00733 1.6339e-04

-TCTGTCTG-----
RGNTGKCTGNMYSN

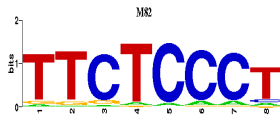


ARF_M00438 2.0529e-04

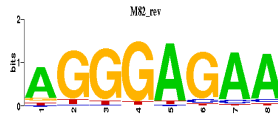
CAGACAGA
GAGACAA-



M82



forward



reverse compliment

Name

E value

Alignment

Motif

MZF1_M00084 2.2228e-06

TTCTCCCT----
TTNCCCCTCNNN



TFII-I_M00706 8.6322e-06

TTCTCCCT-
-CCTMCNTC



Lyf-1_M00141 5.8122e-05

TTCTCCCT-
-YCTCCCAA



MAZ_M00649 2.0990e-04

TTCTCCCT
CCCTCC-



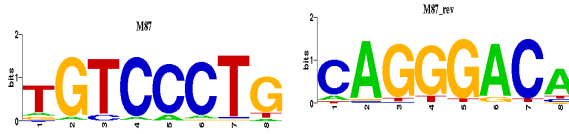
Tel-2_M00678

6.1808e-04

-AGGGAGAA
CAGGAAGTA



M87

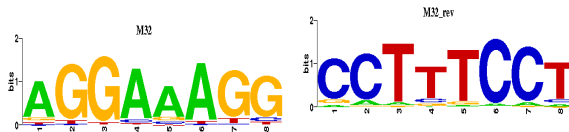


forward

reverse compliment

Name	E value	Alignment	Motif
NRSF_M01028	2.5185e-05	-----CAGGGACA----- TCAGCACCRYGGACAGNR	
NRSF_M00256	2.7168e-05	-----TGTCCTG----- GSYGCTGTCCGTGGTGCTGA	
TEIL_M00502	1.3039e-04	TGTCCTG TGWAYCT-	
ARF_M00438	6.4298e-04	CAGGGACA- --GAGACAA	
ABF1_M00399	6.8235e-04	-----TGTCCTG----- NNTCNGCCACGTGTCCNNNNW	




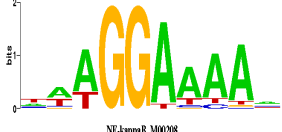

M32



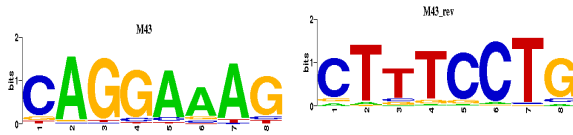
forward

reverse compliment

Name	E value	Alignment	Motif
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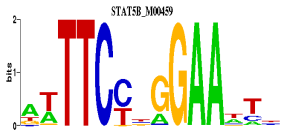



PBF_M01130	2.2762e-06	CCTTTCTCT CCTTT---	
BLIMP1_M01066	4.8387e-06	-CCTTTCTCT---- YMCTTTTCMCTTYC	
BPC1_M01126	2.1969e-05	CCTTTCTCT -NTTTC--	
Helios_M01004	2.7293e-05	CCTTTCTCT-- NTTTTCCTWN	
NF-kappaB_M00208	1.2174e-04	AGGAAAGG--- NGGAAARTCCC	

M43



forward

reverse compliment

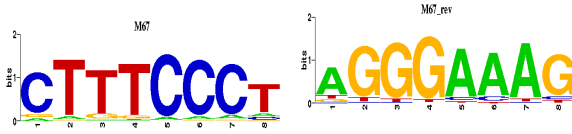
Name	E value	Alignment	Motif
STAT5B_M00459	2.4634e-06	-----CAGGAAAG NRNTTCNGGAAWN	
Tel-2_M00678	6.5354e-06	CAGGAAAG- CAGGAAGTA	
Rim101p_M01030	1.5232e-05	CTTTCCTG -TTNCTTG	
STAT5A_M00457	2.2422e-05	-----CAGGAAAG- RNTTCYNGGAANYN	

BPC1_M01126 2.5099e-05

CTTTCCTG
NTTTC---



M67



forward

reverse compliment

Name E value Alignment Motif

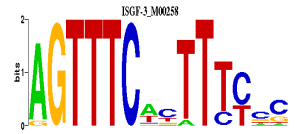
BLIMP1_M01066 2.1931e-10

--CTTTCCT--
YMCTTTCMCTTYC



ISGF-3_M00258 2.2159e-06

-----CTTTCCT
AGTTTCWNTTTCNC-



BPC1_M01126 2.4369e-05

CTTTCCT
NTTTC---



STAT1_M00492 3.8561e-05

AGGGAAG
-SGGAANT

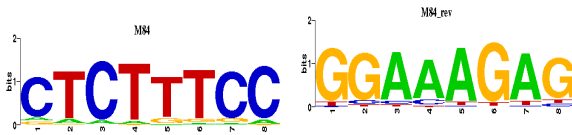


E2F_M01114 5.1690e-05

--AGGGAAG
NGCGGGAAN



M84

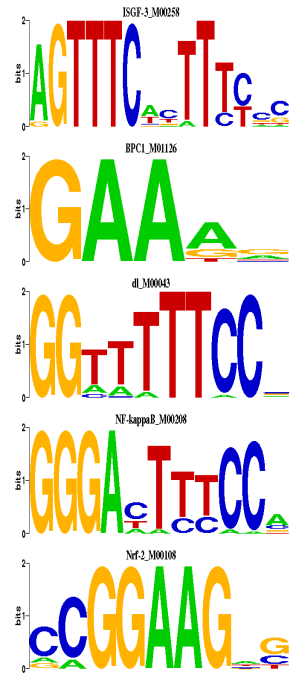


forward

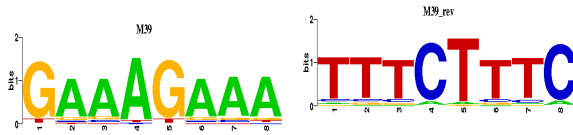
reverse compliment

Name E value Alignment Motif

ISGF-3_M00258	2.9880e-07	-----CTCTTTCC-- AGTTTCWNTTTTCNC
BPC1_M01126	1.9384e-05	CTCTTTCC --NTTTC-
dl_M00043	1.6196e-04	-GGAAAGAG- NGGAAAACC
NF-kappaB_M00208	1.7585e-04	-GGAAAGAG-- NGGAAARTCCC
Nrf-2_M00108	1.7591e-04	CTCTTTCC- SNCTTCCGG



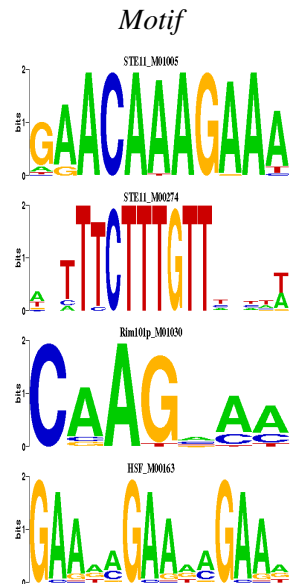
M39



forward

reverse compliment

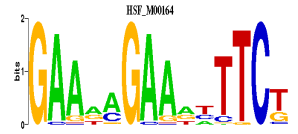
Name	E value	Alignment
STE11_M01005	2.3043e-08	---GAAAGAAA GAACAAAGAAA
STE11_M00274	4.0643e-07	-----GAAAGAAA-- WNNNNAACAAAGAAANW
Rim101p_M01030	1.7649e-06	TTTCTTTC TTNCTTG-
HSF_M00163	5.3042e-06	-----TTTCTTTC- NTTCTNTTCTNTTC



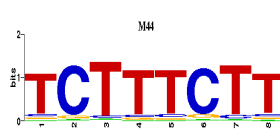
HSF_M00164

5.3042e-06

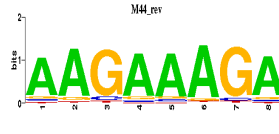
-----TTTCTTTC-
AGAANNTTCTNTTC



M44



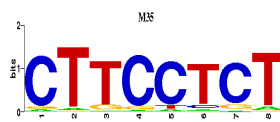
forward



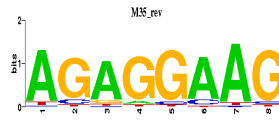
reverse compliment

Name	E value	Alignment	Motif
STE11_M01005	2.0501e-07	--TCTTTCTT- TTTCTTTGTT	
SOX_M01014	6.9030e-07	TCTTTCTT---- TCTTTGTTANGN	
Rim101p_M01030	1.8541e-06	TCTTTCTT- --TTNCTTG	
Lentiviral_M00318	2.5831e-06	TCTTTCTT -CTTTATT	
STE11_M00274	2.6708e-06	-----TCTTTCTT----- WNTTCTTTGTTNNNNW	

M35








forward

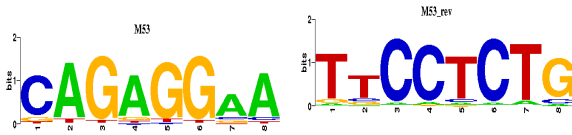


reverse compliment

Name	E value	Alignment	Motif
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PU.1_M00658	4.4048e-11	CTTCCTCT CTTCCTC-	
Elf-1_M00746	3.3359e-10	-CTTCCTCT-- AYTTCCTCTTN	
GCR1_M00046	1.6989e-08	AGAGGAAG- -GWGGAAGC	
Ets_M00971	3.0789e-07	AGAGGAAG -NAGGAAG	
GCR1_M00337	5.1044e-07	---AGAGGAAG-- AAWAGTGAAGCC	

M53



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Elf-1_M00746	4.2889e-08	--TTCCTCTG- AYTTCCTCTTN	
XPF-1_M00684	2.0892e-07	-TTCCTCTG GKTSNYCNG	
PU.1_M00658	4.0120e-07	-TTCCTCTG CTTCCTC--	
GCR1_M00046	2.7887e-05	CAGAGGAA-- --GWGGAAGC	

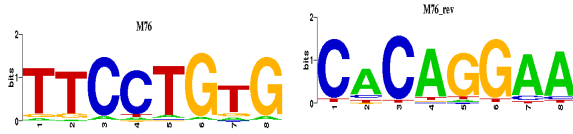
Ets_M00971

2.2033e-04

-TTCCTCTG
CTTCCTN--



M76

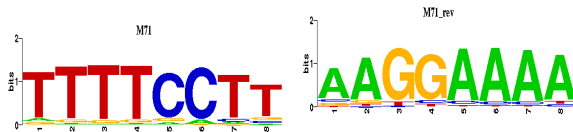


forward

reverse compliment

Name	E value	Alignment	Motif
c-Ets-2_M00340	7.9911e-07	-----TTCCTGTG ANNNACTTCTGY-	
Tel-2_M00678	6.8067e-06	CACAGGAA--- --CAGGAAGTA	
Elk-1_M00007	1.9462e-05	-----TTCCTGTG- NNGNACTTCKGTNN	
AREB6_M00412	2.0145e-05	-CACAGGAA--- RNWCAGGTRNRN	
Elf-1_M00746	3.3143e-05	--TTCCTGTG- AYTTCCTCTTN	

M71



forward

reverse compliment

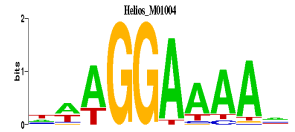
Name	E value	Alignment	Motif
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Stamp Results

10/01/13

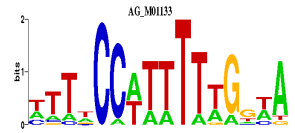
Helios_M01004 2.1288e-11

-TTTTTCCTT-
NTTTTCCTWN



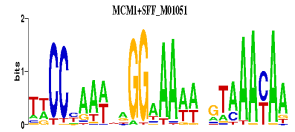
AG_M01133 3.1291e-07

-----AAGGAAAA
TWNCAAAAAWGGNAAN



MCM1+SFF_M01051 5.4700e-06

-----TTTTTCCTT-----
TTRTTTANNTWTTNCCNNWTTNGGNA



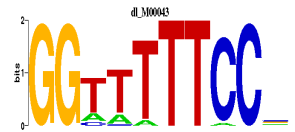
BLIMP1_M01066 1.1330e-05

---TTTTTCCTT--
YMCTTTCMCTTYC

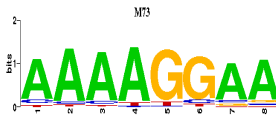


dI_M00043 1.5392e-05

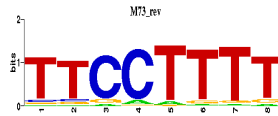
AAGGAAAA---
-NGGAAAAACC



M73



forward



reverse compliment

Name

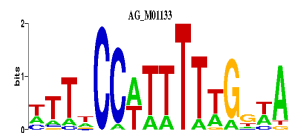
E value

Alignment

Motif

AG_M01133 4.1872e-08

-----AAAAGGAA--
TWNCAAAAAWGGNAAN



MADS-A_M00408 2.0192e-06

-TTCCTTTT-----
TTTCATTTTTNWN



PBF_M01130 2.2267e-06

TTCCTTTT
--CCTT-



MADS-B_M00404 9.7197e-06

-TTCCTTTT-----
TTTSCATTTTTRG



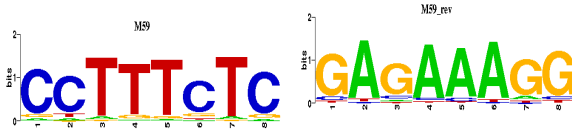
Elf-1_M00746

1.0283e-05

--TTCCTTTT--
AYTTCCTCTN



M59

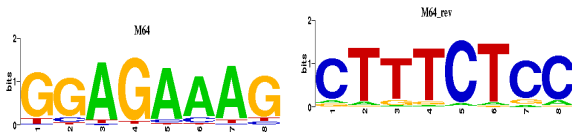


forward

reverse compliment

Name	E value	Alignment	Motif
PBF_M01130	2.2311e-06	CCTTTCTC CCTTT---	
PU.1_M00658	8.6306e-06	CCTTTCTC -CTTCCTC	
BPC1_M01126	1.1754e-05	CCTTTCTC -NTTTC--	
BLIMP1_M01066	4.0804e-05	-CCTTTCTC---- YMCTTTCMCTTYC	
GCR1_M00046	2.0038e-04	CCTTTCTC GCTTCCWC	

M64




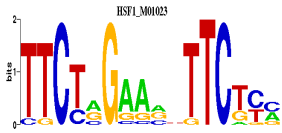

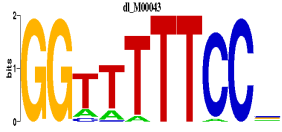

forward

reverse compliment

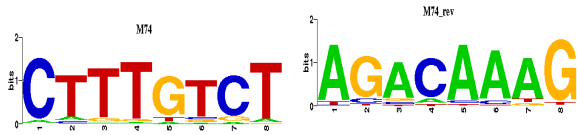
Name	E value	Alignment	Motif
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Stamp Results

10/01/13





PU.1_M00658	8.2365e-06	CTTTCTCC CTTCCTC-	
HSF1_M01023	1.4450e-05	GGAGAAAG----- KRAGAANNNTTCYAGAA	
BPC1_M01126	2.4351e-05	CTTTCTCC NTTTC---	
dI_M00043	1.6662e-04	-GGAGAAAG- NGGAAAAACC	
GCR1_M00046	2.0467e-04	GGAGAAAG- -GWGGAAGC	

M74



forward

reverse compliment

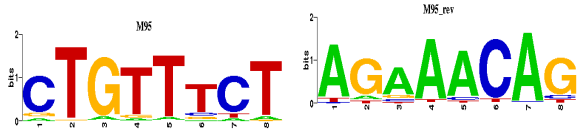
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ARF_M00438	2.2017e-07	-AGACAAAG GAGACAA--	
LEF1_M00805	2.1127e-06	CTTTGTCT CTTTG---	
STE11_M01005	2.7448e-05	---CTTTGTCT TTTCTTTGTTC	
Tll_M00679	3.0848e-05	CTTTGTCT -NTWRWCT	

STE11_M00274 3.4502e-05

----AGACAAAG----
WNNNNAACAAAGAAANW



M95



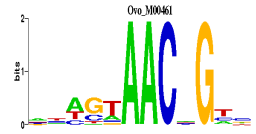
forward

reverse compliment

Name E value Alignment Motif

Ovo_M00461 5.6746e-06

----CTGTTTCT--
NNNNCNGTTACWNN



STE12_M00664 1.9132e-05

CTGTTTCT
--GTTTCA



AREB6_M00415 1.1986e-04

-AGAAACAG
NNSAAACN-



BR-C_M00094 2.4937e-04

--CTGTTTCT--
TTWTSTTTAYWW

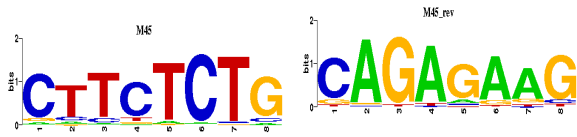


HFH1_M00129 2.7839e-04

-CTGTTTCT--
AWTGTTTATWT



M45

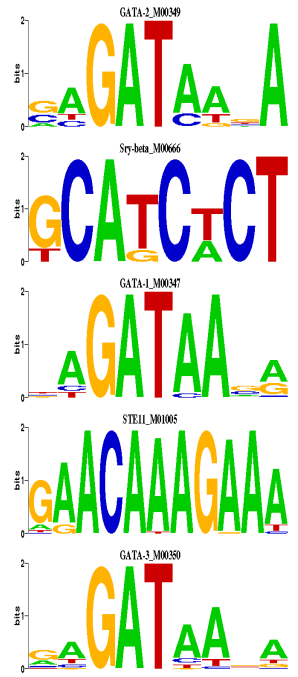


forward

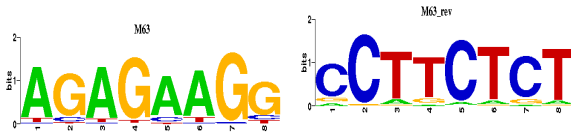
reverse compliment

Name E value Alignment Motif

GATA-2_M00349	2.6728e-05	CAGAGAAG- SAGATAANA
Sry-beta_M00666	5.3548e-05	-CTTCTCTG GCATCWCT-
GATA-1_M00347	1.4744e-04	-CTTCTCTG YNTTATCTN
STE11_M01005	2.1438e-04	CTTCTCTG--- TTTCTTTGTTT
GATA-3_M00350	2.3026e-04	-CTTCTCTG TNTTATCTY



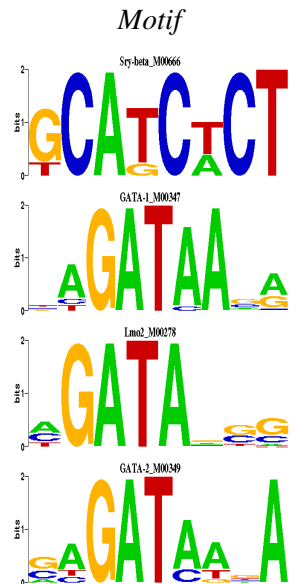
M63



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Sry-beta_M00666	2.4331e-05	AGAGAAGG AGWGATGC
GATA-1_M00347	4.6331e-05	CCTTCTCT- YNTTATCTN
Lmo2_M00278	5.3213e-05	CCTTCTCT CSNTATCK
GATA-2_M00349	7.7224e-05	CCTTCTCT- TNTTATCTS

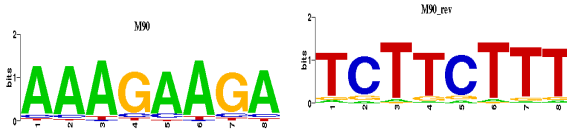


GATA-2_M00348 1.2024e-04

CCTTCTCT-
NSTTATCWN



M90

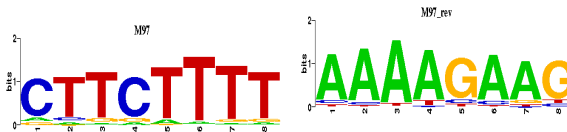


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PEND_M01015	3.7641e-07	TCTTCITT ACTTCTT-	
HSF_M00163	3.0534e-06	----TCTTCITT-- NITTCNITTCNTTC	
PR_M00960	7.8654e-06	-TCTTCITT NIGTYCNNW	
STE11_M01005	2.7901e-05	TCTTCITT---- -TTTCTTTGTTT	
STE11_M00274	2.4023e-04	-----AAAGAAGA- WNNNNAACAAAGAAANW	

M97



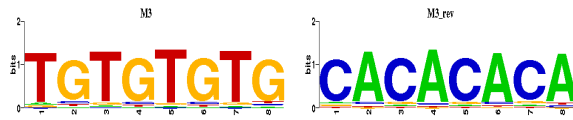
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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PEND_M01015	3.6484e-07	-CTTCTTTT ACTTCTT--	
HSF_M00163	1.1150e-06	-----CTTCTTTT- NTTCTNTTCTNTTC	
HSF_M00164	1.1150e-06	-----CTTCTTTT- AGAANNTTCTNTTC	
HSF_M00166	1.4446e-06	CTTCTTTT----- NTTCTNTTCTAGAA	
STE11_M01005	2.7671e-05	CTTCTTTT--- TTTCTTTGTTT	

M3

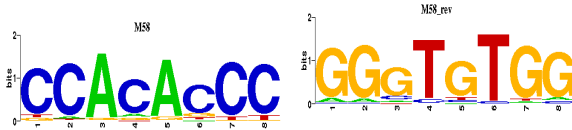


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CACD_M01113	1.2728e-05	CACACACA CACRCC-	
Hmx3_M00433	6.5490e-05	CACACACA- CACGCACTT	
HFH4_M00742	7.4543e-05	----CACACACA TAAACAAACAMW	
GBF_M00633	7.8690e-05	CACACACA NACCCNA	
CACCC-binding_M00721	8.0111e-05	-CACACACA----- CCNCACCCWNNKGNT	

M58



forward

reverse compliment

Name *E value* *Alignment* *Motif*

CACD_M01113 1.2976e-10

GGGTGTGG
GGGYGTG-



CACCC-binding_M00721 1.6785e-09

CCACACCC-----
CCNCACCCWNNKGNT



Alfin1_M00479 4.0835e-06

---CCACACCC---
MNNCCCCACNYNYN



TBX5_M01044 5.1892e-06

-GGGTGTGG
AAGGTGTGA

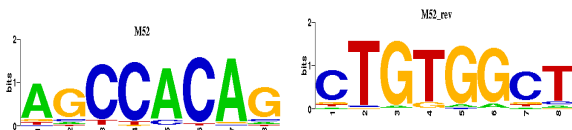


GBF_M00633 7.9364e-06

CCACACCC-
-NACCCNA



M52



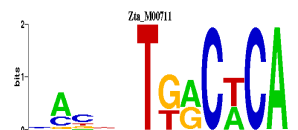
forward

reverse compliment

Name *E value* *Alignment* *Motif*

Zta_M00711 9.6296e-06

--AGCCACAG--
TGWGYCANNNTN

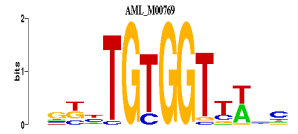


Stamp Results

10/01/13

AML_M00769 5.4426e-05

---CTGTGGCT---
NNNNTGTGGTYWNN



SEF-1_M00214 1.2748e-04

-----CTGTGGCT
ACACGGATATCTGTGGTY



Osf2_M00731 2.3170e-04

-CTGTGGCT
KNTGTGG--

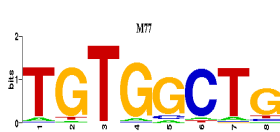


RAV1_M00343 2.9245e-04

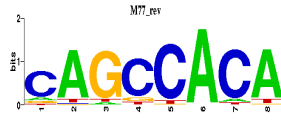
---CTGTGGCT
NNWNTGTTGCN



M77



forward



reverse compliment

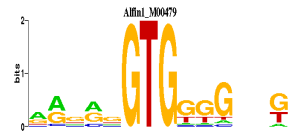
Name E value

Alignment

Motif

Alfin1_M00479 5.6037e-05

-----TGTGGCTG
NRNRNGTGGGGNNK



SMAD4_M00733 6.6836e-05

-TGTGGCTG-----
RGNTGKCTGNMYSN



Osf2_M00731 2.1407e-04

--TGTGGCTG
KNTGTGG---



GBF_M00633 6.8368e-04

TGTGGCTG
TNGGGTN

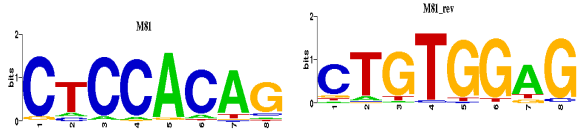


TRAB1_M00507 6.8401e-04

----TGTGGCTG
KACGYGTGNC--



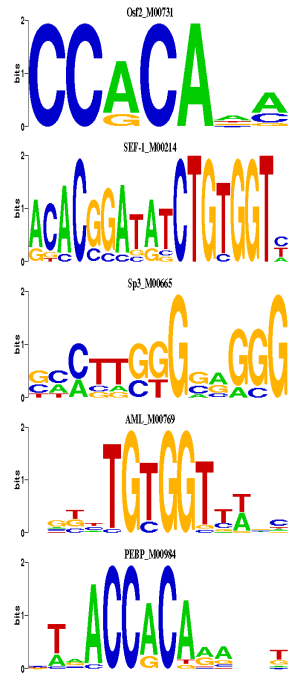
M81



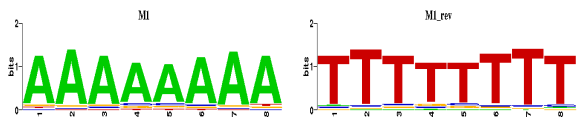
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Osf2_M00731	2.0358e-04	-CTGTGGAG KNIGTGG--
SEF-1_M00214	2.6679e-04	CTCCACAG----- RACCACAGATATCCGTGT
Sp3_M00665	1.2958e-03	---CTGTGGAG-- SMCTTGGGSRGGG
AML_M00769	1.6768e-03	---CTCCACAG--- NNWRACCACANNNN
PEBP_M00984	1.8067e-03	----CTGTGGAG-- NNNNYTGTGGTNAN



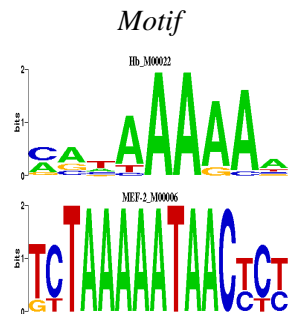
M1



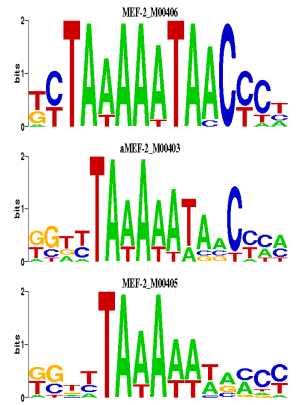
forward

reverse compliment

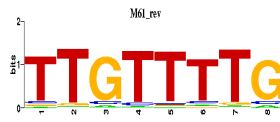
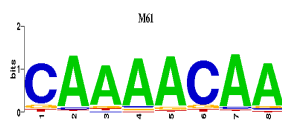
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Hb_M00022	1.0793e-06	-TTTTTTTT NTTTTTNYK
MEF-2_M00006	2.2603e-06	----TTTTTTTT--- RGRGTTATTTTTAGA



MEF-2_M00406	2.9748e-06	----TTTTTTTT-- NGGGTTATTTTTAGM
aMEF-2_M00403	4.4195e-06	----TTTTTTTT---- KKRGNATTTTTARNCM
MEF-2_M00405	5.4499e-06	--TTTTTTTT---- RGKNWTTTTTANNSM



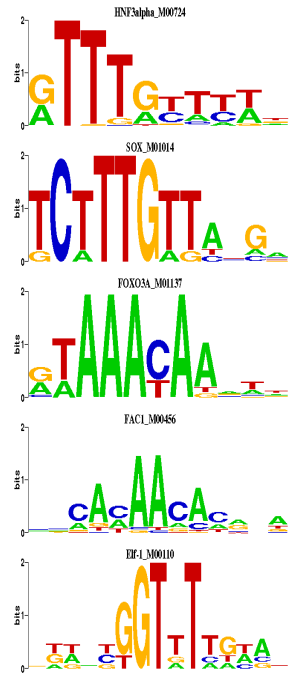
M61



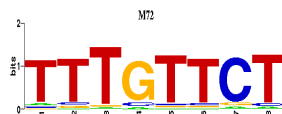
forward

reverse compliment

Name	E value	Alignment	Motif
HNF3alpha_M00724	3.5674e-06	CAAAACAA-- NWRARCAAAY	
SOX_M01014	7.1871e-06	---TTGTTTIG- TCTTTGTTANGN	
FOXO3A_M01137	2.4824e-05	CAAAACAA--- RTAAACAANNN	
FAC1_M00456	3.7412e-05	--CAAAACAA-- NNCAMAACANNN	
Elf-1_M00110	3.8953e-05	---CAAAACAA---- NNNNNANACCNNNN	



M72

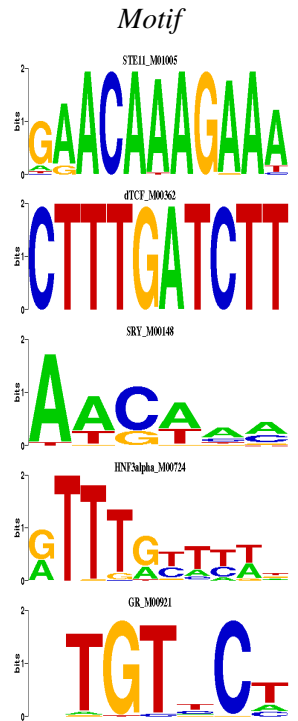


forward

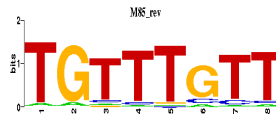
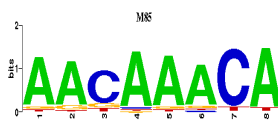


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
STE11_M01005	2.6559e-08	----TTTGTTC TTTCTTTGTC-
dTCF_M00362	1.3391e-07	-AGAACAAA- AAGATCAAAG
SRY_M00148	4.0822e-07	TTTGTTC KNTGTT--
HNF3alpha_M00724	4.2421e-07	-AGAACAAA- NWRARCAAA
GR_M00921	4.2827e-07	AGAACAAA AGNACAN-



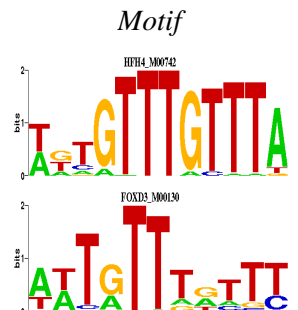
M85



forward

reverse compliment

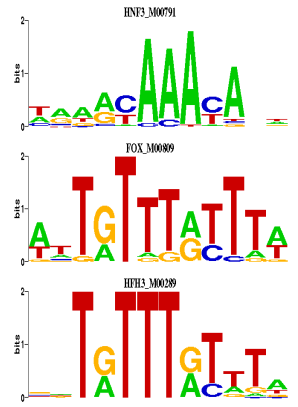
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HFH4_M00742	8.4232e-12	--AACAAACA-- TAAACAAACAMW
FOXD3_M00130	3.3090e-10	--TGTTTGTT- AWTGTNTNTT



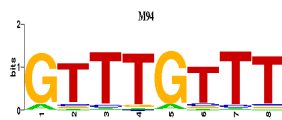
Stamp Results

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HNF3_M00791	4.2746e-10	--AACAAACA-- NRNRYAAAYANN
FOX_M00809	2.8203e-09	--AACAAACA-- WAAAYAAACANT
HFH3_M00289	3.0749e-09	--AACAAACA-- NAWAYAAAYANN



M94

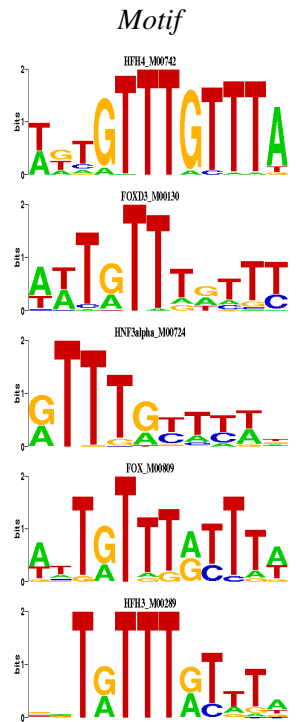


forward

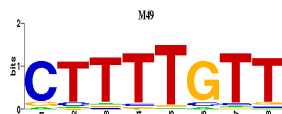


reverse compliment

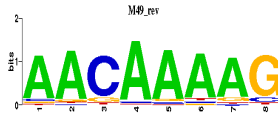
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HFH4_M00742	6.9795e-12	---GTTTGTTT- WKTGTTTGTTTA
FOXD3_M00130	3.5303e-10	AAACAAAC--- AAANAAACAWT
HNF3alpha_M00724	5.0647e-10	--AAACAAAC NWRARCAAAAY
FOX_M00809	2.1055e-09	-AAACAAAC--- WAAAYAAACANT
HFH3_M00289	2.1579e-09	-AAACAAAC--- NAWAYAAAYANN



M49



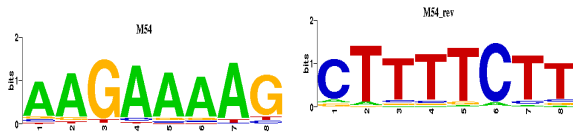
forward



reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ROX1_M00728	1.1714e-07	AACAAAAG AACAATRS	
SRY_M00148	3.6134e-07	CTTTTGTT --KNTGTT	
BR-C_M00094	3.9967e-06	CTTTTGTT----- -TTWTSTTTAYWW	
XFD-3_M00269	8.3687e-06	-----AACAAAAG NWGTAAACAAMW	
Mat1-Mc_M00276	1.2958e-05	CTTTTGTT- CNATTGTYN	

M54

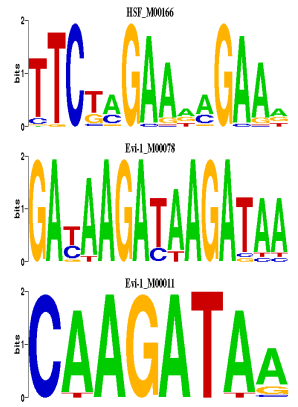


forward

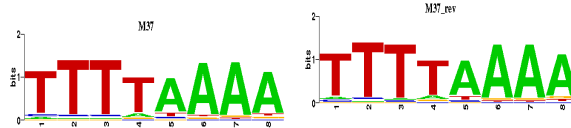
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00163	8.4676e-09	---AAGAAAAG--- GAANAGAANAGAAN	
Rim101p_M01030	1.2805e-06	CTTTTCTT- --TTNCTTG	

HSF_M00166	3.0013e-06	---AAGAAAAG--- TTCTAGAANAGAAN
Evi-1_M00078	7.5976e-06	---CTTTTCTT--- TTATCTTATCTTRTC
Evi-1_M00011	1.9693e-05	-AAGAAAAG CAAGATAA-



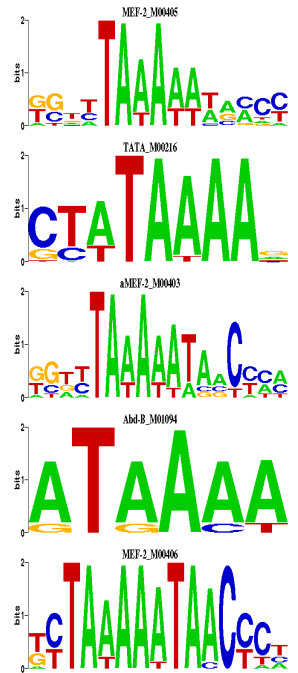
M37



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MEF-2_M00405	2.5338e-06	-----TTTTAAAA- RGKNWTTTTTANNMS
TATA_M00216	5.5218e-06	-TTTTAAAA NTTTTATAG
aMEF-2_M00403	1.7236e-05	-----TTTTAAAA- KKRGNtATTTTTARNCM
Abd-B_M01094	2.4784e-05	TTTTAAAA TTTTAT--
MEF-2_M00406	1.3088e-04	-----TTTTAAAA NGGTTATTTTTAGM-



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