



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

Input file: 94 motifs loaded

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

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

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

[Download results as a PDF](#)

[Click here to run STAMP again.](#)

## Multiple Alignment

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

```

M0 :          TTTTTTTT-----
M1 :          -----TTTTAAAA
M2 :          ----TTTTTTAA---
M3 :          --TTCCTTT-----
M4 :          ---TTCCTTTC----
M5 :          --CCTCCTCC-----
M6 :          ---TTCCTTCC----
M7 :          CCTTTCCT-----
M8 :          --CTTCTCCT-----
M9 :          --CTCCTCT-----
M10 :         --CTCCCTCC-----
M11 :         --GCTGCTGC-----
M12 :         -----CCCGCCCC--
M13 :         ----CCCTTCCC---
M14 :         -CTCTCCTC-----
M15 :         ---TCCCTCCC----
M16 :         -TGCTGCTG-----
M17 :         CTCTGCCT-----
M18 :         ----CCCCCACC---
M19 :         --CTTCTTGG-----
M20 :         CTTTCCCT-----
M21 :         --TCCCCTCC-----
M22 :         ----GGCTGCAG---
```

## Stamp Results

10/01/13

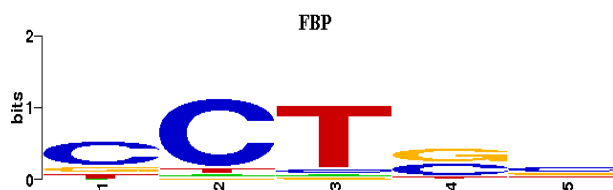
M23: -----CCTCCCCT--  
M24: -----CCTCTCCC--  
M25: CAGCTCCT-----  
M26: ---CCCCTTCC----  
M27: -CCACCCCC-----  
M28: ----CTCTGCAG---  
M29: -CTTTCCTC-----  
M30: --CAGCCTCC-----  
M31: -----CCTCCCCA--  
M32: -----CCGCCGCC--  
M33: -CAGCTCTG-----  
M34: -----CCTGCAGC--  
M35: -----CCTCCAGC--  
M36: ----CTCTGCTC---  
M37: --GGAGCTGG-----  
M38: ----CCCTCTCC---  
M39: -----CCTCCCAG--  
M40: ----GGCTGGGG---  
M41: CCCAGCCT-----  
M42: -CTGGGCTG-----  
M43: -CTGCCCTG-----  
M44: -----GCTGGGAG--  
M45: ---GAGCTGGG----  
M46: ---CTGCTGGG----  
M47: -----CCTCACCT--  
M48: ---CCCCTCCT----  
M49: -----CTCCCCCA-  
M50: --AGCTCTGG-----  
M51: ----GCCTGGAG---  
M52: ---GCCCGGCC----  
M53: --CAGCCTGG-----  
M54: -GCCGCCGC-----  
M55: --GCTTCTCC-----  
M56: -----CCTGGCCT--  
M57: ---GGGCTGCT----  
M58: -CCTGCCTG-----  
M59: ----TCCTCTGG---  
M60: ---GGGCTGAG----  
M61: ----GCCTGGGA---  
M62: -----CCTGGAGG--  
M63: -----CTGGCTCC-  
M64: ---GCCATCTT----  
M65: ----CTCTGGGG---

## Stamp Results

10/01/13

```
M66: --GTCCTGG-----
M67: -----CTGGGGCT-
M68: TGCTGCCT-----
M69: -----CTGGGGCTC-
M70: CCGCCCCT-----
M71: ----CCCTCCGC---
M72: -CGCCCCTC-----
M73: -----GCTGCGGG--
M74: -GGCTCCTC-----
M75: -GCTGGCTG-----
M76: ----GCCTCAGC---
M77: ---GCTCTGTG----
M78: ----GCCTCTGG---
M79: ----GCCTGCGC---
M80: -CTCACCTG-----
M81: ---CCCCTCTC----
M82: CTCACCCT-----
M83: --GGCCTGG-----
M84: ----GCCTCCCC---
M85: ---GGCTTCCC----
M86: -CACCCCCC-----
M87: ----TCCTGCC---
M88: ---TCCCTGCA----
M89: CGCCCCCT-----
M90: --CTGGCTGG-----
M91: ----CCCTGCTG---
M92: --GCGCCTGC-----
M93: ---CACTTCCG----
```

**Familial Profile:**  
[\(click for matrix\)](#)



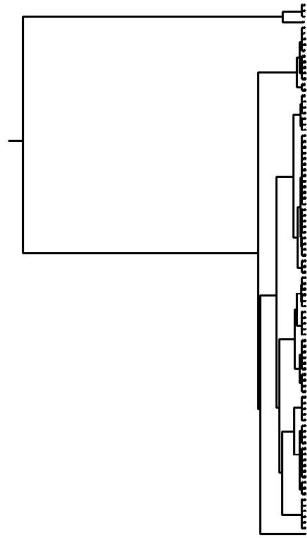
---

## Motif Tree

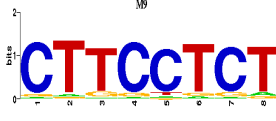

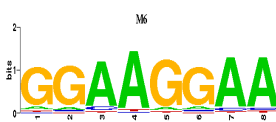

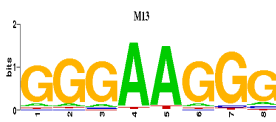

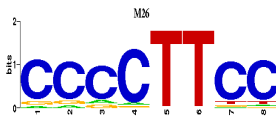

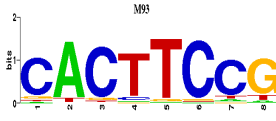

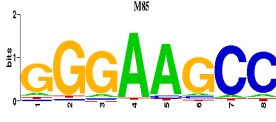

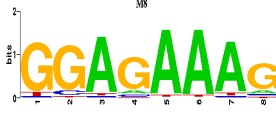

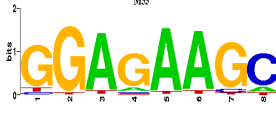

Tree (drawn by [Phylip](#))  
[Click here for Newick-format tree](#) (viewable with [MEGA](#))

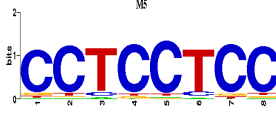

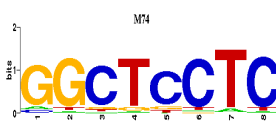

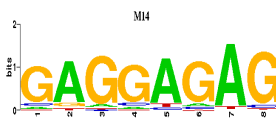
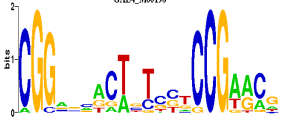
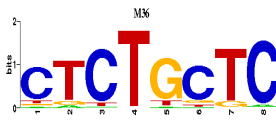

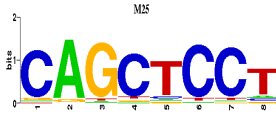

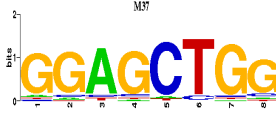

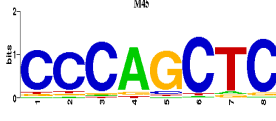

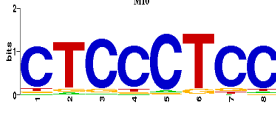

Input Motif

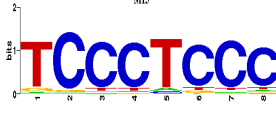

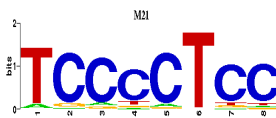

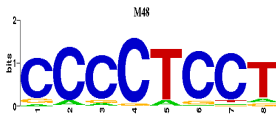

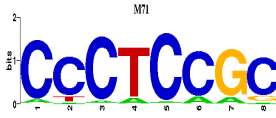

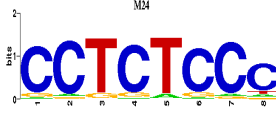

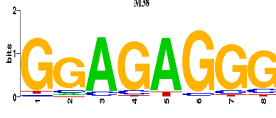

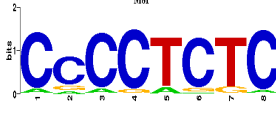

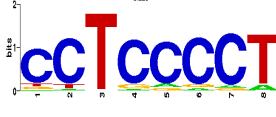

Best match in  
TRANSFAC

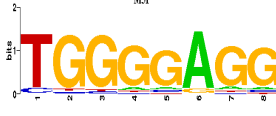

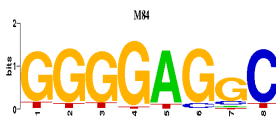

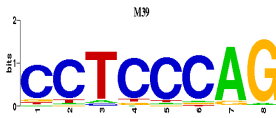

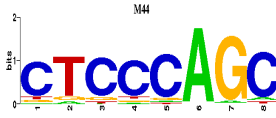

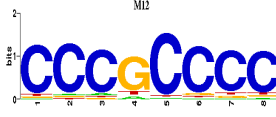

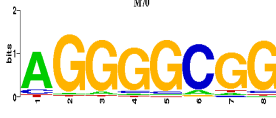

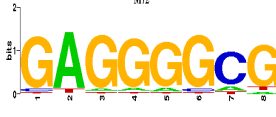

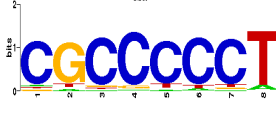
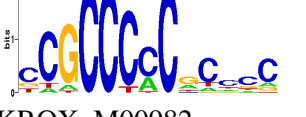


<p>M0</p> <p><u>M0</u></p>	<p>Hb_M00022</p> <p>(E val: 1.1245e-06)</p>
<p>M2</p> <p><u>M2</u></p>	<p>MEF-2_M00405</p> <p>(E val: 2.0202e-07)</p>
<p>M4</p> <p><u>M4</u></p>	<p>STE11_M01005</p> <p>(E val: 2.2555e-08)</p>
<p>M1</p> <p><u>M1</u></p>	<p>MEF-2_M00405</p> <p>(E val: 2.6583e-06)</p>
<p>M3</p> <p><u>M3</u></p>	<p>AG_M01133</p> <p>(E val: 8.2571e-08)</p>
<p>M7</p> <p><u>M7</u></p>	<p>PBF_M01130</p> <p>(E val: 2.2230e-06)</p>
<p>M29</p> <p><u>M29</u></p>	<p>PU.1_M00658</p> <p>(E val: 4.0750e-07)</p>
<p>M20</p> <p><u>M20</u></p>	<p>BLIMP1_M01066</p> <p>(E val: 2.6455e-10)</p>

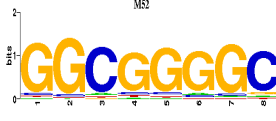

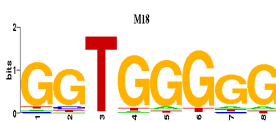
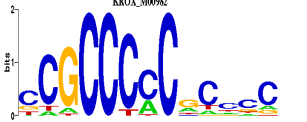
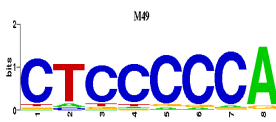

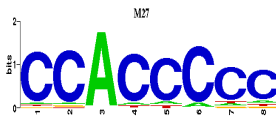

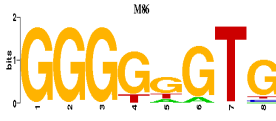

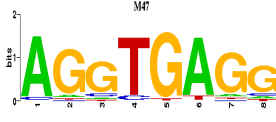

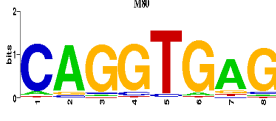

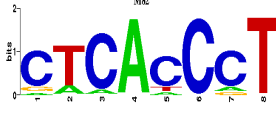

<p>M9</p>  <p>M9</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 5.3699e-11)</p>
<p>M6</p>  <p>M6</p>	<p>MAF_M00648</p>  <p>MAF_M00648 (E val: 3.5147e-06)</p>
<p>M13</p>  <p>M13</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 3.2577e-07)</p>
<p>M26</p>  <p>M26</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 3.4667e-06)</p>
<p>M93</p>  <p>M93</p>	<p>GABP_M00341</p>  <p>GABP_M00341 (E val: 6.2494e-12)</p>
<p>M85</p>  <p>M85</p>	<p>NF-kappaB_M00051</p>  <p>NF-kappaB_M00051 (E val: 2.8970e-07)</p>
<p>M8</p>  <p>M8</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 5.9068e-06)</p>
<p>M55</p>  <p>M55</p>	<p>Sry-beta_M00666</p>  <p>Sry-beta_M00666 (E val: 3.6851e-05)</p>

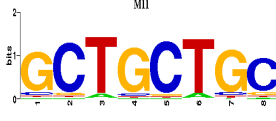

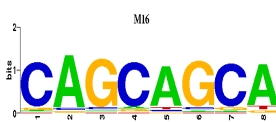

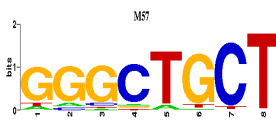

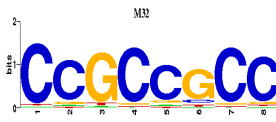

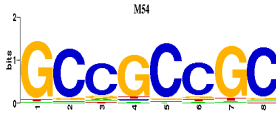

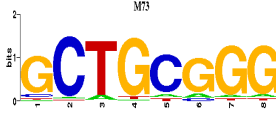
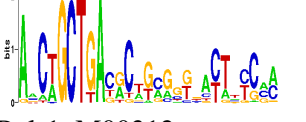
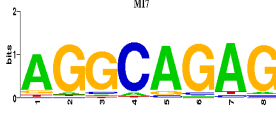

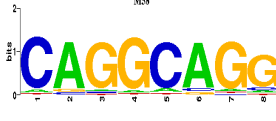

<p>M5</p>  <p><b>M5</b></p>	<p>UF1H3BETA_M01068</p>  <p><b>UF1H3BETA_M01068</b> (E val: 1.4816e-06)</p>
<p>M74</p>  <p><b>M74</b></p>	<p>PU.1_M00658</p>  <p><b>PU.1_M00658</b> (E val: 3.7610e-04)</p>
<p>M14</p>  <p><b>M14</b></p>	<p>GAL4_M00198</p>  <p><b>GAL4_M00198</b> (E val: 4.9451e-06)</p>
<p>M36</p>  <p><b>M36</b></p>	<p>TAL1_M00993</p>  <p><b>TAL1_M00993</b> (E val: 3.8798e-04)</p>
<p>M25</p>  <p><b>M25</b></p>	<p>LUN-1_M00480</p>  <p><b>LUN-1_M00480</b> (E val: 3.2828e-06)</p>
<p>M37</p>  <p><b>M37</b></p>	<p>TAL1_M00993</p>  <p><b>TAL1_M00993</b> (E val: 1.0731e-06)</p>
<p>M45</p>  <p><b>M45</b></p>	<p>LUN-1_M00480</p>  <p><b>LUN-1_M00480</b> (E val: 2.6867e-07)</p>
<p>M10</p>  <p><b>M10</b></p>	<p>TFII-I_M00706</p>  <p><b>TFII-I_M00706</b> (E val: 8.5247e-09)</p>
<p></p>	<p></p>



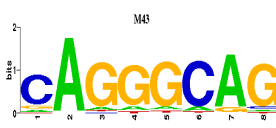
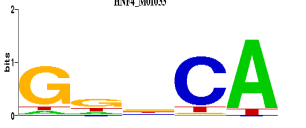
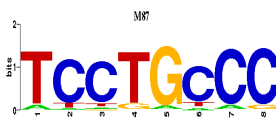

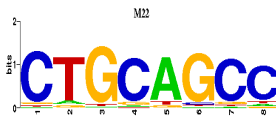
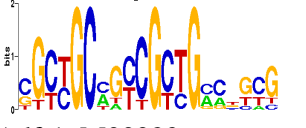
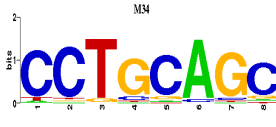

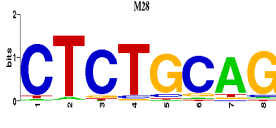

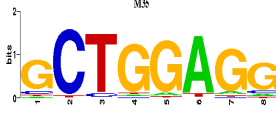

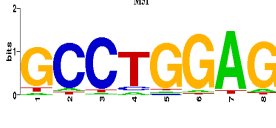
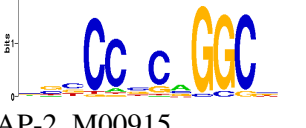
<p>M15</p>  <p>M15</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 2.3340e-11)</p>
<p>M21</p>  <p>M21</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 2.0422e-07)</p>
<p>M48</p>  <p>M48</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 2.1223e-07)</p>
<p>M71</p>  <p>M71</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 2.4631e-07)</p>
<p>M24</p>  <p>M24</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 9.6445e-07)</p>
<p>M38</p>  <p>M38</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 3.2148e-06)</p>
<p>M81</p>  <p>M81</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 3.6328e-06)</p>
<p>M23</p>  <p>M23</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 2.0476e-07)</p>

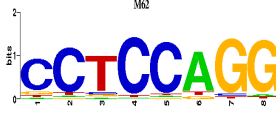

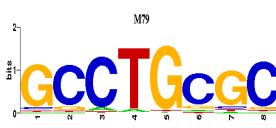

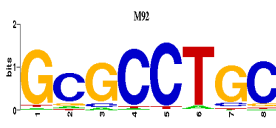

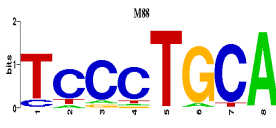

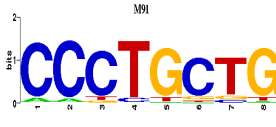

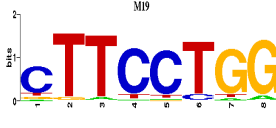

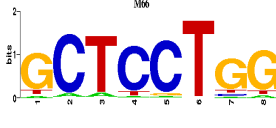

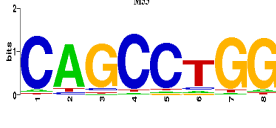

<p>M31</p>  <p><b>M31</b></p>	<p>Sp3_M00665</p>  <p><b>Sp3_M00665</b> (E val: 8.1112e-09)</p>
<p>M84</p>  <p><b>M84</b></p>	<p>MAZ_M00649</p>  <p><b>MAZ_M00649</b> (E val: 2.4936e-07)</p>
<p>M39</p>  <p><b>M39</b></p>	<p>Lyf-1_M00141</p>  <p><b>Lyf-1_M00141</b> (E val: 4.0960e-08)</p>
<p>M44</p>  <p><b>M44</b></p>	<p>Lyf-1_M00141</p>  <p><b>Lyf-1_M00141</b> (E val: 2.1971e-06)</p>
<p>M12</p>  <p><b>M12</b></p>	<p>Sp1_M00933</p>  <p><b>Sp1_M00933</b> (E val: 2.7400e-13)</p>
<p>M70</p>  <p><b>M70</b></p>	<p>Sp1_M00933</p>  <p><b>Sp1_M00933</b> (E val: 4.4060e-09)</p>
<p>M72</p>  <p><b>M72</b></p>	<p>UF1H3BETA_M01068</p>  <p><b>UF1H3BETA_M01068</b> (E val: 2.3402e-07)</p>
<p>M89</p>  <p><b>M89</b></p>	<p>KROX_M00982</p>  <p><b>KROX_M00982</b> (E val: 1.6493e-07)</p>

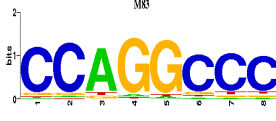
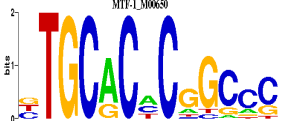
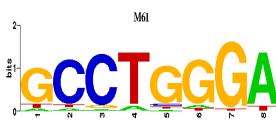
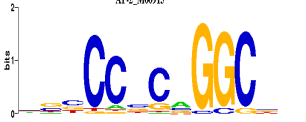
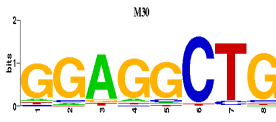

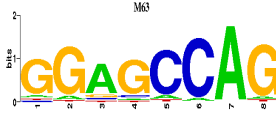

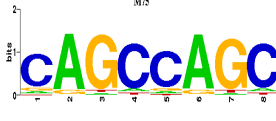

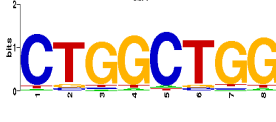

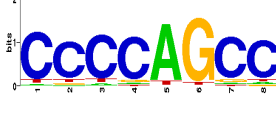

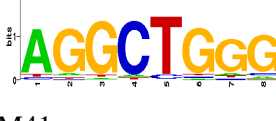



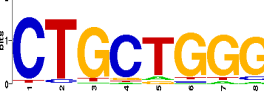

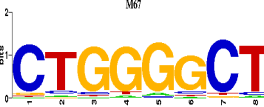

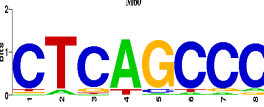

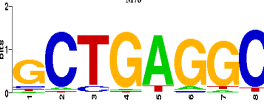

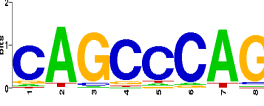

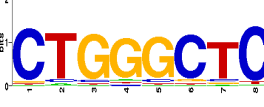

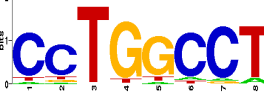

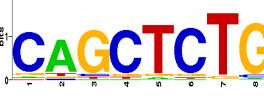

 <p><b>M52</b></p>	 <p><b>GC_M00255</b> (E val: 1.8668e-10)</p>
 <p><b>M18</b></p>	 <p><b>KROX_M00982</b> (E val: 1.4576e-07)</p>
 <p><b>M49</b></p>	 <p><b>UF1H3BETA_M01068</b> (E val: 4.7285e-10)</p>
 <p><b>M27</b></p>	 <p><b>GBF_M00633</b> (E val: 1.5981e-09)</p>
 <p><b>M86</b></p>	 <p><b>GBF_M00633</b> (E val: 2.2041e-09)</p>
 <p><b>M47</b></p>	 <p><b>TBX5_M01044</b> (E val: 2.8391e-05)</p>
 <p><b>M80</b></p>	 <p><b>AREB6_M00412</b> (E val: 1.7062e-07)</p>
 <p><b>M82</b></p>	 <p><b>CACCC-binding_M00721</b> (E val: 2.7718e-06)</p>

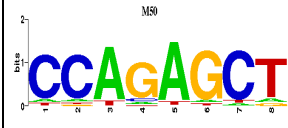

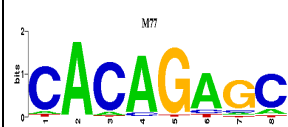
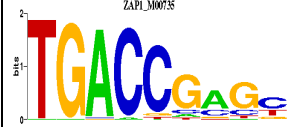
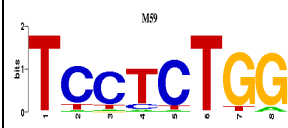
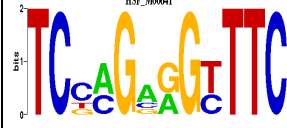
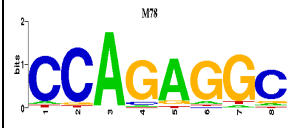

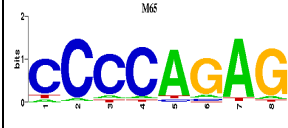
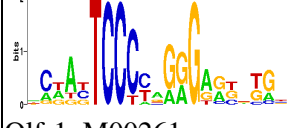
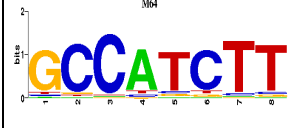

<p>M11</p>  <p><b>M11</b></p>	<p>LMAF_M01139</p>  <p><b>LMAF_M01139</b> (E val: 1.5532e-06)</p>
<p>M16</p>  <p><b>M16</b></p>	<p>LMAF_M01139</p>  <p><b>LMAF_M01139</b> (E val: 1.4790e-06)</p>
<p>M57</p>  <p><b>M57</b></p>	<p>ZBRK1_M01105</p>  <p><b>ZBRK1_M01105</b> (E val: 2.1036e-05)</p>
<p>M32</p>  <p><b>M32</b></p>	<p>ERF2_M01057</p>  <p><b>ERF2_M01057</b> (E val: 4.9408e-09)</p>
<p>M54</p>  <p><b>M54</b></p>	<p>ERF2_M01057</p>  <p><b>ERF2_M01057</b> (E val: 4.6718e-09)</p>
<p>M73</p>  <p><b>M73</b></p>	<p>Bel-1_M00312</p>  <p><b>Bel-1_M00312</b> (E val: 4.2336e-06)</p>
<p>M17</p>  <p><b>M17</b></p>	<p>SMAD3_M00701</p>  <p><b>SMAD3_M00701</b> (E val: 3.2433e-06)</p>
<p>M58</p>  <p><b>M58</b></p>	<p>E2A_M00973</p>  <p><b>E2A_M00973</b> (E val: 9.4065e-06)</p>

 <p><b>M68</b></p>	 <p><b>v-Maf_M00035</b> (E val: 1.0093e-05)</p>
 <p><b>M43</b></p>	 <p><b>HNF4_M01033</b> (E val: 1.1688e-04)</p>
 <p><b>M87</b></p>	 <p><b>Ttk_M00009</b> (E val: 3.7906e-07)</p>
 <p><b>M22</b></p>	 <p><b>Adf-1_M00923</b> (E val: 3.7427e-06)</p>
 <p><b>M34</b></p>	 <p><b>LBP-1_M00644</b> (E val: 8.1409e-05)</p>
 <p><b>M28</b></p>	 <p><b>LMAF_M01139</b> (E val: 1.5005e-05)</p>
 <p><b>M35</b></p>	 <p><b>Barbie_M00238</b> (E val: 1.1590e-08)</p>
 <p><b>M51</b></p>	 <p><b>AP-2_M00915</b> (E val: 8.6316e-06)</p>

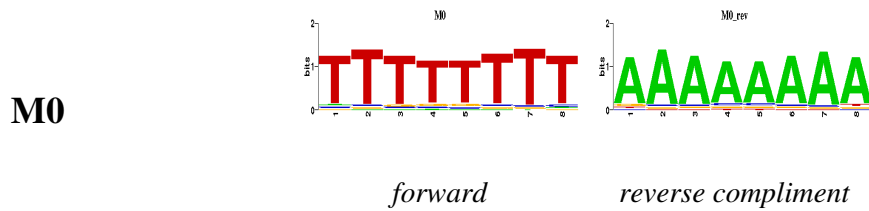
 <p><b>M62</b></p>	 <p><b>Barbie_M00238</b> (E val: 1.4172e-05)</p>
 <p><b>M79</b></p>	 <p><b>Nrf-1_M00652</b> (E val: 4.7669e-07)</p>
 <p><b>M92</b></p>	 <p><b>Nrf-1_M00652</b> (E val: 1.2974e-07)</p>
 <p><b>M88</b></p>	 <p><b>Ttk_M00009</b> (E val: 2.6176e-04)</p>
 <p><b>M91</b></p>	 <p><b>HEB_M00698</b> (E val: 1.3765e-08)</p>
 <p><b>M19</b></p>	 <p><b>Tel-2_M00678</b> (E val: 3.5240e-09)</p>
 <p><b>M66</b></p>	 <p><b>AREB6_M00414</b> (E val: 2.8801e-05)</p>
 <p><b>M53</b></p>	 <p><b>AP-2_M00800</b> (E val: 4.3305e-05)</p>

 <p><b>M83</b></p>	 <p><b>MTF-1_M00650</b> (E val: 2.0870e-04)</p>
 <p><b>M61</b></p>	 <p><b>AP-2_M00915</b> (E val: 8.0140e-07)</p>
 <p><b>M30</b></p>	 <p><b>SMAD4_M00733</b> (E val: 3.8019e-05)</p>
 <p><b>M63</b></p>	 <p><b>BRK_M01096</b> (E val: 2.3316e-05)</p>
 <p><b>M75</b></p>	 <p><b>SMAD4_M00733</b> (E val: 2.8631e-08)</p>
 <p><b>M90</b></p>	 <p><b>BRK_M01096</b> (E val: 2.3166e-05)</p>
 <p><b>M40</b></p>	 <p><b>CAC-binding_M00720</b> (E val: 2.1222e-07)</p>
 <p><b>M41</b></p>	 <p><b>CAC-binding_M00720</b> (E val: 9.9362e-10)</p>

<p>M46</p>  <p>M46</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.4588e-06)</p>
<p>M67</p>  <p>M67</p>	<p>Alfin1_M00479</p>  <p>Alfin1_M00479 (E val: 1.3242e-05)</p>
<p>M60</p>  <p>M60</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 7.9950e-10)</p>
<p>M76</p>  <p>M76</p>	<p>MAF_M00983</p>  <p>MAF_M00983 (E val: 7.9528e-08)</p>
<p>M42</p>  <p>M42</p>	<p>YY1_M00069</p>  <p>YY1_M00069 (E val: 4.6664e-05)</p>
<p>M69</p>  <p>M69</p>	<p>Poly_M00211</p>  <p>Poly_M00211 (E val: 2.8703e-05)</p>
<p>M56</p>  <p>M56</p>	<p>PacC_M00247</p>  <p>PacC_M00247 (E val: 2.1697e-05)</p>
<p>M33</p>  <p>M33</p>	<p>Sry-beta_M00666</p>  <p>Sry-beta_M00666 (E val: 8.9857e-06)</p>

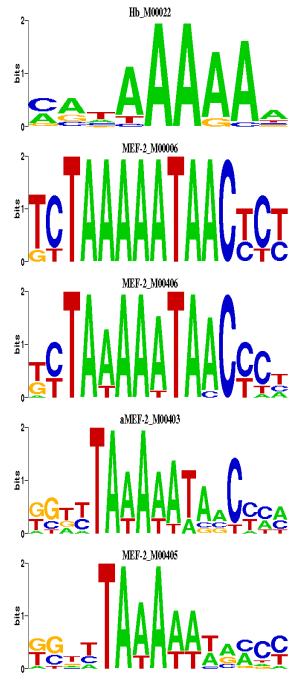
 <p><b>M50</b></p>	 <p><b>Eve_M00629</b> (E val: 1.5280e-05)</p>
 <p><b>M77</b></p>	 <p><b>ZAP1_M00735</b> (E val: 1.0021e-04)</p>
 <p><b>M59</b></p>	 <p><b>HSF_M00641</b> (E val: 3.8978e-06)</p>
 <p><b>M78</b></p>	 <p><b>HSF_M00641</b> (E val: 3.3187e-07)</p>
 <p><b>M65</b></p>	 <p><b>Olf-1_M00261</b> (E val: 2.0075e-06)</p>
 <p><b>M64</b></p>	 <p><b>YY1_M00069</b> (E val: 2.5710e-10)</p>

### Motif Similarity Matches

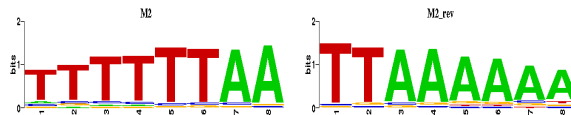


Name                      E value                      Alignment                      Motif

Hb_M00022	1.1245e-06	AAAAAAAA- MRNAAAAAN
MEF-2_M00006	2.2781e-06	---AAAAAAAA--- TCTAAAAATAACYCY
MEF-2_M00406	3.0004e-06	---TTTTTTTT--- NGGGTTATTTTTAGM
aMEF-2_M00403	4.3514e-06	---AAAAAAAA--- KGNyTAAAAATANCYMM
MEF-2_M00405	5.3433e-06	--TTTTTTTT--- RGKNWTTTTTANNSM



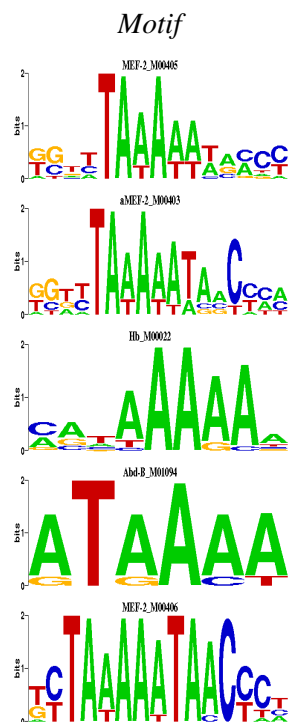
**M2**



*forward*

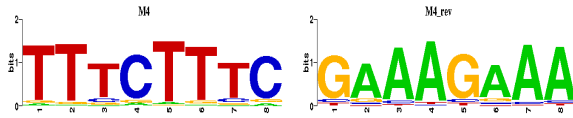
*reverse complement*

Name	E value	Alignment
MEF-2_M00405	2.0202e-07	---TTAAAAA--- KSNNTAAAAAWNMCY
aMEF-2_M00403	5.6093e-06	---TTAAAAA----- KGNyTAAAAATANCYMM
Hb_M00022	1.1999e-05	TTTTTTAA- NTTTTTNYK
Abd-B_M01094	2.3744e-05	TTTTTTAA --TTTTAT
MEF-2_M00406	3.7342e-05	-TTAAAAA----- KCTAAAAATAACCCN





**M4**

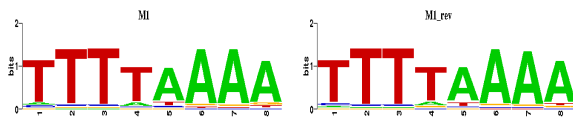


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
STE11_M01005	2.2555e-08	TTTCTTTC--- TTTCTTTGTTC	
STE11_M00274	4.3368e-07	-----GAAAGAAA-- WNNNNAACAAAGAAANW	
Rim101p_M01030	1.5096e-06	TTTCTTTC TTNCTTG-	
HSF_M00163	8.7253e-06	-----TTTCTTTC- NTTCTNTTCTNTTC	
HSF_M00164	8.7253e-06	-----TTTCTTTC- AGAANNITCTNTTC	

**M1**

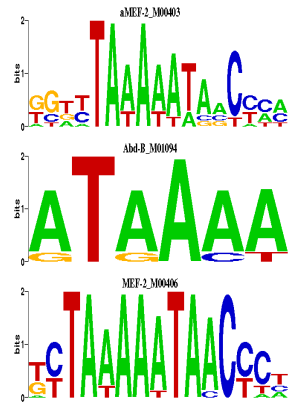


*forward*

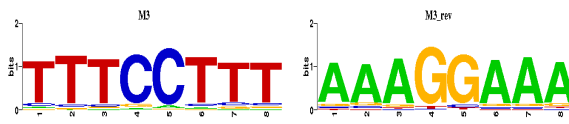
*reverse compliment*

Name	E value	Alignment	Motif
MEF-2_M00405	2.6583e-06	-----TTTTAAAA- RGKNWTTTTTANNSM	
TATA_M00216	5.7636e-06	-TTTTAAAA NTTTTATAG	

aMEF-2_M00403	1.7922e-05	-----TTTTAAAA-- KCRGNTATTTTTARNCM
Abd-B_M01094	2.5590e-05	TTTTAAAA TTTTAT--
MEF-2_M00406	1.3208e-04	-----TTTTAAAA NGGGTTATTTTTAGM-



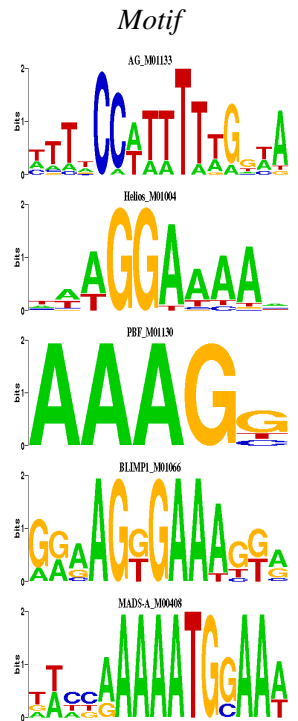
**M3**



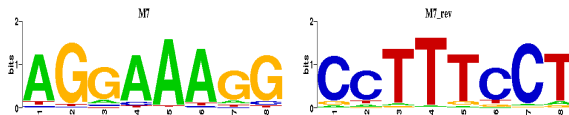
*forward*

*reverse compliment*

Name	E value	Alignment
AG_M01133	8.2571e-08	-----AAAGGAAA-- TWNCAAAAAWGGNAAN
Helios_M01004	1.6122e-07	--TTTCCTTT NTTTCCTWN
PBF_M01130	2.2548e-06	AAAGGAAA AAAGG---
BLIMP1_M01066	6.4749e-06	--AAAGGAAA-- GRAAGKGAAGKR
MADS-A_M00408	7.3127e-06	TTTCCTTT----- TTTCATTTTTNWN

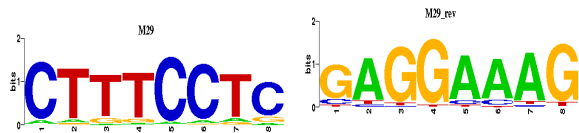


**M7**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PBF_M01130	2.2230e-06	CCTTTCCT CCTTT---	
BLIMP1_M01066	7.2670e-06	-CCTTTCCT---- YMCTTTCMCTTYC	
BPC1_M01126	1.2748e-05	CCTTTCCT -NTTTC--	
Helios_M01004	2.1143e-05	CCTTTCCT-- NTTTCCTWN	
NF-kappaB_M00208	1.3150e-04	AGGAAAGG--- NGGAAARTCCC	

**M29**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	4.0750e-07	CTTTCCTC -CTTCCTC	
Elf-1_M00746	1.1712e-06	CTTTCCTC---- AYTTCCTCTTN	
BPC1_M01126	2.0484e-05	CTTTCCTC NTTTC---	

Stamp Results

10/01/13

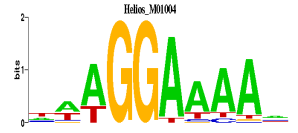
GCR1\_M00046 2.1363e-05

GAGGAAAG  
GWGGAAGC

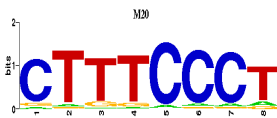


Helios\_M01004 2.2215e-05

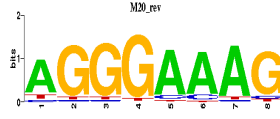
-CTTTCCTC-  
NTTTTCTWN



M20



*forward*



*reverse compliment*

*Name E value Alignment Motif*

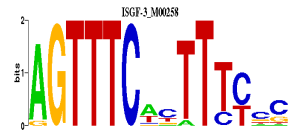
BLIMP1\_M01066 2.6455e-10

--CTTTCCT--  
YMCTTTCMCTTYC



ISGF-3\_M00258 2.1059e-06

AGGGAAAG-----  
-GNGAAANWGAAACT



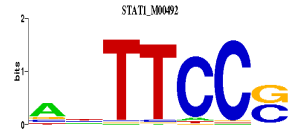
BPC1\_M01126 2.4449e-05

CTTTCCT  
NTTTC--



STAT1\_M00492 3.7390e-05

AGGGAAAG  
-SGGAANT

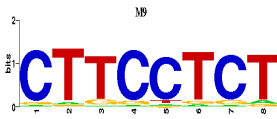


E2F\_M01114 4.9386e-05

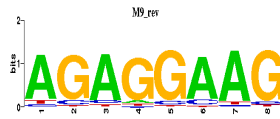
CTTTCCT--  
NNTTCCGCN








M9



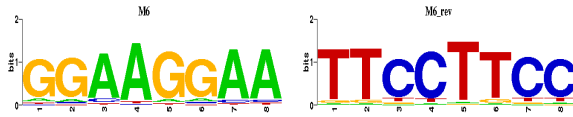
*forward*



*reverse compliment*





<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	5.3699e-11	CTTCCTCT CTTCCTC-	
Elf-1_M00746	3.9239e-10	-CTTCCTCT-- AYTTCCTCTTN	
GCR1_M00046	1.4999e-08	AGAGGAAG- -GWGGAAGC	
Ets_M00971	2.8837e-07	AGAGGAAG -NAGGAAG	
GCR1_M00337	4.1204e-07	--CTTCCTCT--- GGCTTCCACTWTT	

**M6**



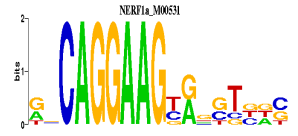
*forward*

*reverse compliment*

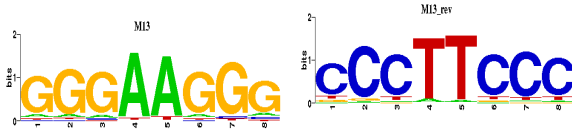
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAF_M00648	3.5147e-06	GGAAGGAA----- NGRRGGAAGTKKNSN	
Tel-2_M00678	7.3094e-05	--GGAAGGAA CAGGAAGTA-	
Helios_M01004	8.9313e-05	---TTCCTTCC NTTTTCTWN-	
BLIMP1_M01066	9.8822e-05	----TTCCTTCC YMCTTTCMCTTYC	

NERF1a\_M00531 1.1592e-04

-----TTCCTTCC  
SNNASNYRCTTCTGNY



**M13**

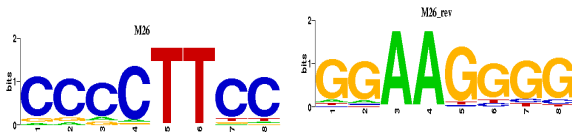


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
UF1H3BETA_M01068	3.2577e-07	----GGGAAGGG-- GYGGGGGAGGGGC	
MAZ_M00649	3.4711e-06	CCCTTCCC -CCCTCCC	
BLIMP1_M01066	7.7320e-06	-----CCCTTCCC YMCTTTCMCTTYC-	
Sp3_M00665	2.8156e-05	CCCTTCCC----- CCCYSCCCAAGKS	
ZNF219_M01122	3.2739e-05	GGGAAGGG--- GGNGGGGGGN	

**M26**



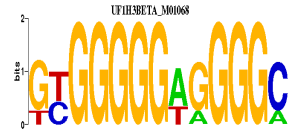
*forward*

*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

UF1H3BETA\_M01068 3.4667e-06

-CCCCTTCC----  
GCCCCCTCCCCRC



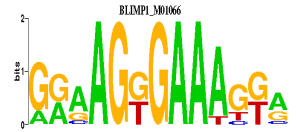
MAZ\_M00649 4.8067e-06

CCCCTTCC  
-CCCTCCC



BLIMP1\_M01066 6.0534e-06

GGAAGGGG-----  
GRAAGKGAAAGKR



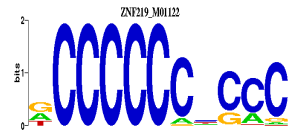
STRE\_M00308 1.9687e-05

-CCCCTTCC  
NCCCCT---

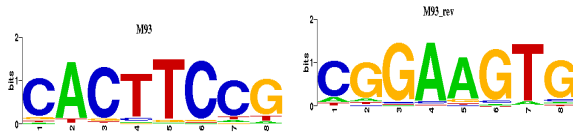


ZNF219\_M01122 2.8218e-05

-GGAAGGGG--  
GGGNGGGGGGN



**M93**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

GABP\_M00341 6.2494e-12

--CACTTCCG-  
YGCNCTTCCGG



Nrf-2\_M00108 6.8800e-10

CACTTCCG-  
SNCTTCCGG



c-Ets-1\_p54\_M00032 4.6477e-07

CACTTCCG-  
NRCWTCCCKG



c-Ets-1\_M00339 5.6344e-07

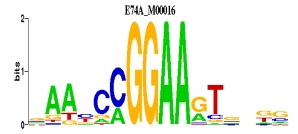
-CGGAAGTG-----  
CAGGAAGTNNNKNN



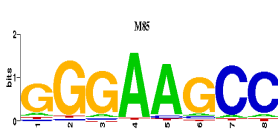
E74A\_M00016

8.5036e-07

---CACTTCCG-----  
NNNNAYTTCCGGNTTN



**M85**



*forward*



*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

NF-kappaB\_M00051 2.8970e-07

GGGAAGCC-  
GGGRATCCC



GCR1\_M00337 4.8695e-07

GGCTTCCC-----  
GGCTTCCACTWTT



c-Ets-1\_M00743 9.3483e-07

GGCTTCCC  
-GCTTCC



GCR1\_M00046 1.6395e-06

GGCTTCCC-  
-GCTTCCWC

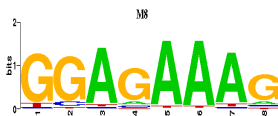


NF-kappaB\_M00054 1.0436e-05

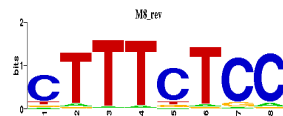
GGGAAGCC-  
GGRAAKTCC



**M8**



*forward*



*reverse compliment*

*Name*

*E value*



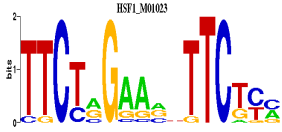
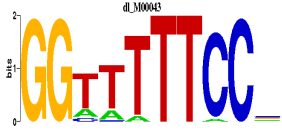

*Alignment*

*Motif*

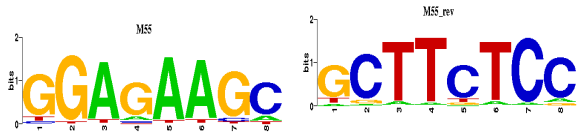


Stamp Results

10/01/13


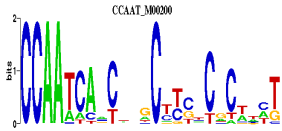

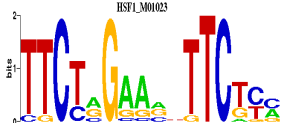
PU.1_M00658	5.9068e-06	CTTTCTCC CTTCCTC-	
BPC1_M01126	1.2449e-05	CTTTCTCC NTTTC---	
HSF1_M01023	3.5252e-05	GGAGAAAG----- KRAGAANN TTCYAGAA	
dI_M00043	1.0400e-04	-GGAGAAAG- NGGAAAAACC	
GCR1_M00046	1.9132e-04	GGAGAAAG- -GWGGAAGC	

M55



*forward*

*reverse compliment*

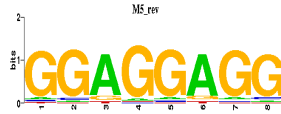
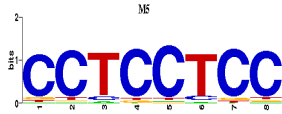
Name	E value	Alignment	Motif
Sry-beta_M00666	3.6851e-05	GGAGAAGC AGWGATGC	
CCAAT_M00200	7.7809e-05	-----GGAGAAGC----- ANNWGNNGNRRGNNGNTGATTGG	
PEND_M01015	3.2592e-04	GCTTCTCC ACTTCTT-	
HSF1_M01023	3.4098e-04	GGAGAAGC----- KRAGAANN TTCYAGAA	

GCR1\_M00046 5.4005e-04

GGAGAAGC  
GWGGAAGC



**M5**

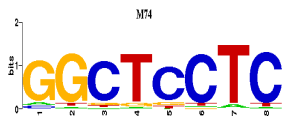


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
UF1H3BETA_M01068	1.4816e-06	---CCTCCTCC-- GCCCCCTCCCCRC	
PU.1_M00658	3.7560e-06	CCTCCTCC CTTCCTC-	
ZNF219_M01122	6.6648e-06	--CCTCCTCC-- NCCCCCNCCC	
ROM_M00700	6.3489e-05	GGAGGAGG TGASGTGG	
WT1_M01118	6.9343e-05	GGAGGAGG GNNGGNGN	

**M74**



*forward*

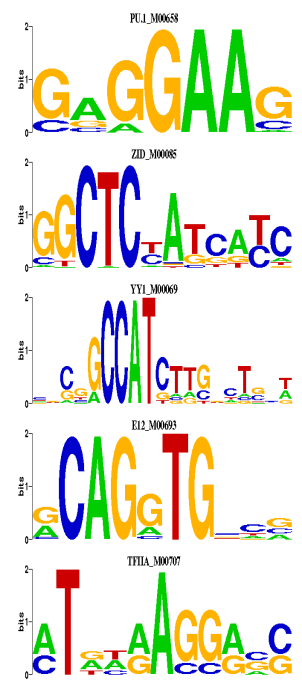
*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

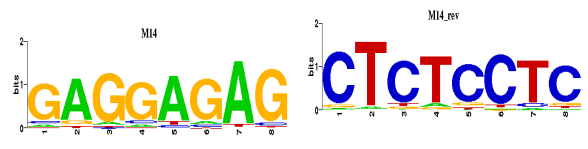
Stamp Results

10/01/13

PU.1_M00658	3.7610e-04	GGCTCCTC -CTTCCTC
ZID_M00085	5.4330e-04	----GAGGAGCC GRIGATRGAGCC
YY1_M00069	7.5741e-04	-----GGCTCCTC NNCNGCCATCTTGNNTSNW-
E12_M00693	8.7645e-04	-GAGGAGCC- RCAGGTGNNN
TFIIA_M00707	9.0478e-04	GGCTCCTC---- -SNYCCTYNNAK



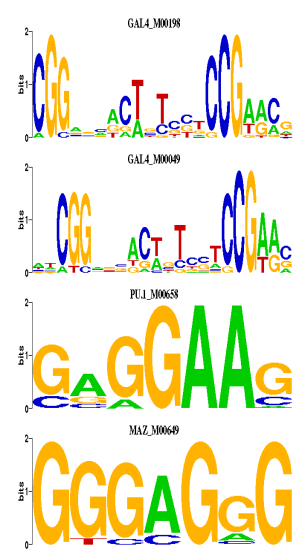
**M14**



*forward*

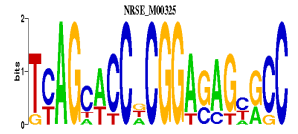
*reverse compliment*

Name	E value	Alignment
GAL4_M00198	4.9451e-06	-----CTCTCCTC----- CGGNNNNCTNTNNNCCGARCN
GAL4_M00049	2.0425e-05	-----GAGGAGAG----- STTCGGASNANWGTNNNCCGNN
PU.1_M00658	2.9013e-04	GAGGAGAG GAGGAAG-
MAZ_M00649	5.6326e-04	CTCTCCTC CCCTCCC-

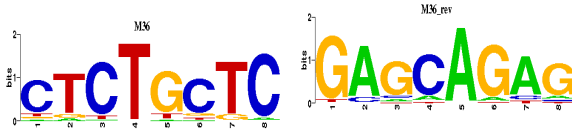


NRSE\_M00325 9.9882e-04

----CTCTCCTC-----  
GGCRCTCTCCGNGGTGCTGA



**M36**

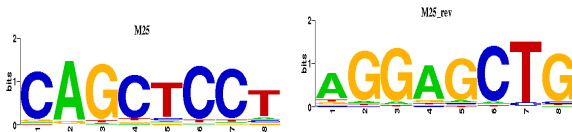


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	3.8798e-04	GAGCAGAG-- -RNCAGNTGG	
Eve_M00629	3.9624e-04	---CTCTGCTC NWSSNCNGC--	
dTCF_M00362	5.5614e-04	--GAGCAGAG AAGATCAAAG	
CDC5_M00361	7.3529e-04	-CTCTGCTC- SCTCAGCGSN	
LMAF_M01139	7.4446e-04	CTCTGCTC-- --CTGCTGAS	

**M25**



*forward*

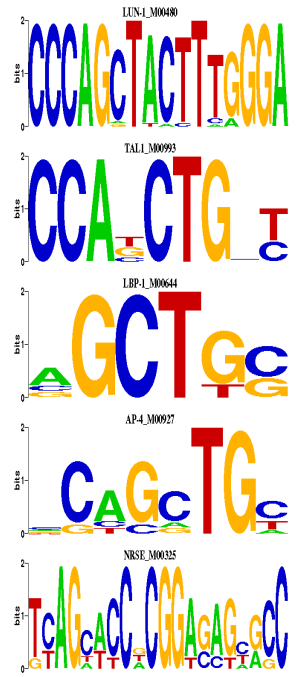
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------

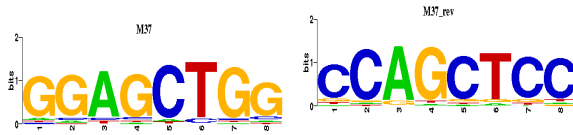
Stamp Results

10/01/13

LUN-1_M00480	3.2828e-06	-----AGGAGCTG-- TCCCAAAGTAGCTGGG
TAL1_M00993	7.3686e-06	AGGAGCTG- RNCAGNTGG
LBP-1_M00644	3.6146e-05	-CAGCTCCT SCAGCN---
AP-4_M00927	5.4980e-05	AGGAGCTG- -RCAGCTGN
NRSE_M00325	7.4059e-05	-CAGCTCCT----- TCAGCACCNCGGAGAGYGCC



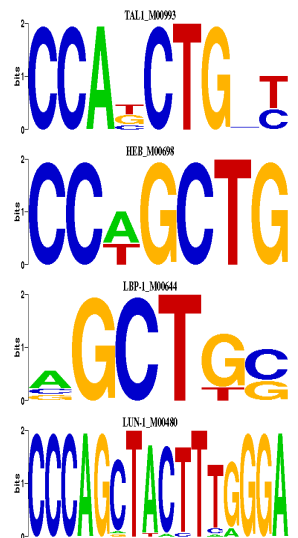
M37



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	1.0731e-06	-GGAGCTGG RNCAGNTGG	
HEB_M00698	1.0974e-06	CCAGCTCC CCWGCTG-	
LBP-1_M00644	2.7536e-06	CCAGCTCC SCAGCN--	
LUN-1_M00480	4.2540e-06	-CCAGCTCC----- CCCAGCTACTTTGGGA	



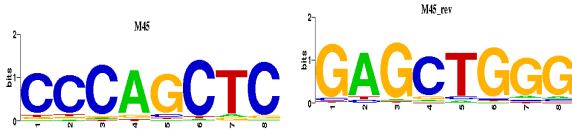
AP-4\_M00176

1.3091e-05

-CCAGCTCC  
NNCAGCTGN



**M45**

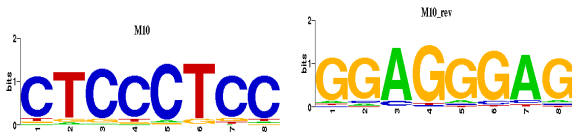


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LUN-1_M00480	2.6867e-07	-----GAGCTGGG TCCCAAAGTAGCTGGG	
HEB_M00698	7.9254e-07	GAGCTGGG CAGCWGG-	
LBP-1_M00644	3.7817e-06	CCCAGCTC -SCAGCN-	
AP-4_M00176	1.4029e-05	-GAGCTGGG NCAGCTGNN	
Alfin1_M00479	5.1936e-05	----CCCAGCTC-- MNNCCCCACNYYN	

**M10**








*forward*

*reverse compliment*

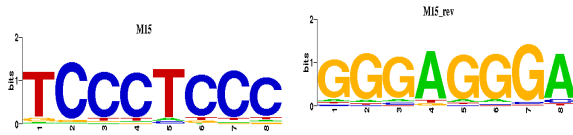
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------

Stamp Results

10/01/13



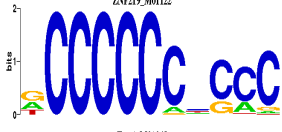

TFII-I_M00706	8.5247e-09	-CTCCCTCC CCTMCNTC-	
MAZ_M00649	1.8587e-07	CTCCCTCC- --CCCTCCC	
PU.1_M00658	7.7981e-06	CTCCCTCC CTTCTC-	
ZNF219_M01122	3.5633e-05	--CTCCCTCC- NCCCCCNCCC	
MAF_M00648	1.2621e-04	-----CTCCCTCC NSNMMACTTCCYYCN	

**M15**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	2.3340e-11	TCCCTCCC -CCCTCCC	
UF1H3BETA_M01068	2.1377e-07	-TCCCTCCC---- GCCCTCCCCRC	
ZNF219_M01122	1.5717e-06	GGGAGGGA--- GGGNGGGGGN	
Tra-1_M01048	2.2421e-06	GGGAGGGA GGWGGT-	

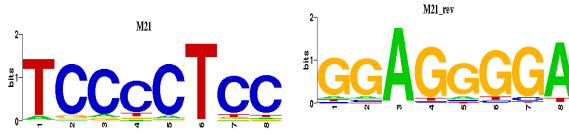
Sp3\_M00665

5.8452e-06

TCCCTCCC-----  
-CCCYSCCCAAGKS



**M21**

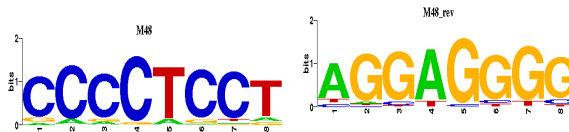


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	2.0422e-07	-GGAGGGGA GGGAGGG--	
UF1H3BETA_M01068	3.0931e-07	-----GGAGGGGA GYGGGGGAGGGGC	
ZNF219_M01122	1.8115e-06	-GGAGGGGA-- GGGNGGGGGGN	
ABF1_M00399	1.7751e-05	-----TCCCTCC- NNTCNGGCCACGTGTCCCNNNNW	
STRE_M00308	1.8385e-05	TCCCTCC NCCCCT--	

**M48**



*forward*

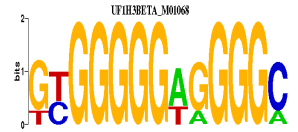
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------



UF1H3BETA\_M01068 2.1223e-07

-CCCCTCCT----  
GCCCCTCCCCRC



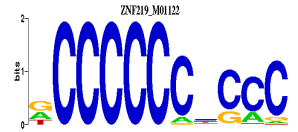
MAZ\_M00649 2.7886e-07

AGGAGGGG  
GGGAGGG-



ZNF219\_M01122 1.9518e-06

AGGAGGGG---  
GGGNGGGGGGN



STRE\_M00308 1.9781e-05

-CCCCTCCT  
NCCCCT---

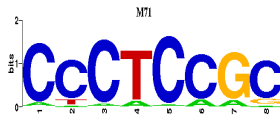


Sp1\_M00931 2.6718e-05

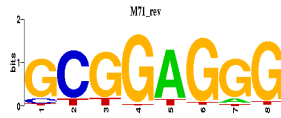
AGGAGGGG-  
GGGCGGGGN



**M71**



*forward*



*reverse compliment*

*Name* *E value* *Alignment* *Motif*

MAZ\_M00649 2.4631e-07

CCCTCCGC  
CCCTCCC-



UF1H3BETA\_M01068 3.8870e-06

---GCGGAGGG--  
GYGGGGGAGGGC



Sp3\_M00665 2.2246e-04

CCCTCCGC-----  
CCCYSCCAAGKS



ETF\_M00695 2.5024e-04

CCCTCCGC  
-CCGCCN-



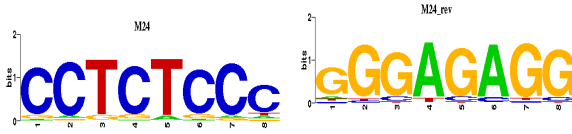
Sp1\_M00933

3.3259e-04

-GCGGAGGG  
NGGGGMGGG



**M24**

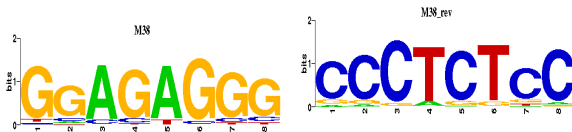


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	9.6445e-07	GGGAGAGG GGGAGGG-	
UF1H3BETA_M01068	3.5673e-06	-CCTCTCCC---- GCCCCTCCCCRC	
ZNF219_M01122	2.0263e-05	---CCTCTCCC NCCCCCNCCC	
Lyf-1_M00141	4.5140e-05	CCTCTCCC-- --YCTCCCAA	
BLIMP1_M01066	8.1563e-05	-CCTCTCCC---- YMCTTTCMCTTYC	

**M38**

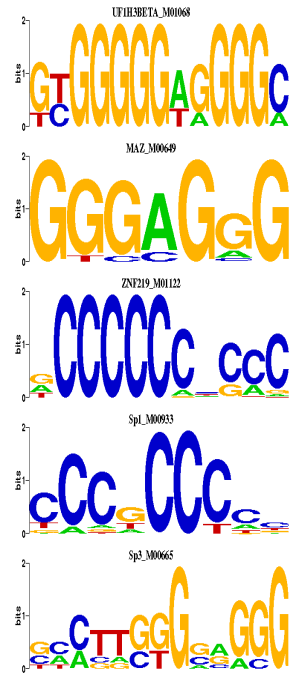


*forward*

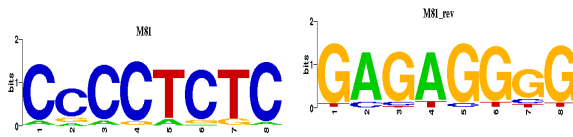
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------

UF1H3BETA_M01068	3.2148e-06	--CCCTCTCC--- GCCCCTCCCCRC
MAZ_M00649	6.1364e-06	CCCTCTCC CCCTCCC-
ZNF219_M01122	2.9879e-05	--CCCTCTCC- NCCCCCNCCC
Sp1_M00933	1.5048e-04	-GGAGAGGG NGGGGMGGG
Sp3_M00665	1.7363e-04	CCCTCTCC----- CCCYSCCAAGKS



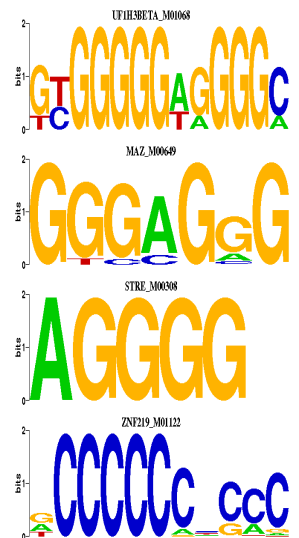
**M81**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
UF1H3BETA_M01068	3.6328e-06	-CCCCTCTC---- GCCCCTCCCCRC	UF1H3BETA_M01068
MAZ_M00649	8.5495e-06	CCCCTCTC -CCCTCCC	MAZ_M00649
STRE_M00308	2.1782e-05	-CCCCTCTC NCCCCT---	STRE_M00308
ZNF219_M01122	4.3181e-05	--GAGAGGGG- GGGNGGGGGGN	ZNF219_M01122



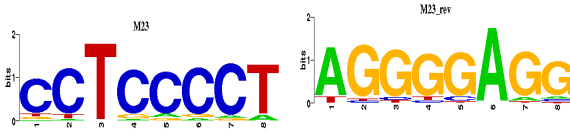
STRE\_M00154

1.9900e-04

-CCCCCTCTC  
NCCCCCTN--



**M23**

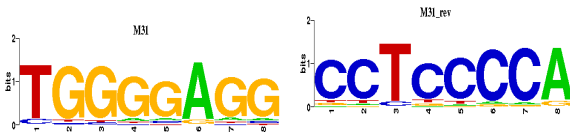


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
MAZ_M00649	2.0476e-07	-CCTCCCCT CCCTCCC--	
UF1H3BETA_M01068	2.5473e-07	---CCTCCCCT-- GCCCCTCCCCRC	
Tra-1_M01048	3.0928e-06	-CCTCCCCT ACCWCCC--	
Sp3_M00665	9.1780e-06	-CCTCCCCT---- CCCYSCCCAAGKS	
TFII-I_M00706	1.0223e-05	CCTCCCCT CCTMCNTC	

**M31**



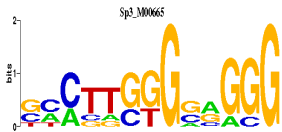




*forward*

*reverse compliment*

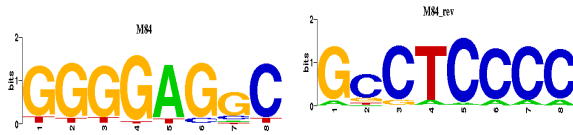
Name	E value	Alignment	Motif
------	---------	-----------	-------

Stamp Results

10/01/13





Sp3_M00665	8.1112e-09	-CCTCCCCA---- CCCYSCCCAAGKS	
MAZ_M00649	2.2969e-07	-CCTCCCCA CCCTCCC--	
UF1H3BETA_M01068	2.9972e-07	---CCTCCCCA-- GCCCTCCCCRC	
Lyf-1_M00141	2.2533e-06	CCTCCCCA YCTCCCA	
Tra-1_M01048	3.3972e-06	TGGGGAGG-- --GGGWGTT	

**M84**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
MAZ_M00649	2.4936e-07	GCCTCCCC CCCTCCC-	
UF1H3BETA_M01068	2.6038e-07	--GCCTCCCC--- GCCCTCCCCRC	
Tra-1_M01048	1.7257e-06	GCCTCCCC ACCWCCC-	
MAZR_M00491	3.2622e-06	--GGGGAGGC-- SGGGGGGGMNN	

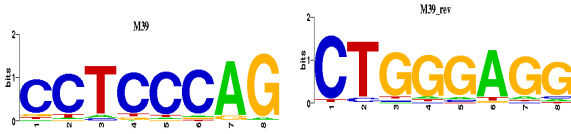
TFII-I\_M00706

8.5556e-06

-GGGGAGGC  
GANGKAGG-



**M39**

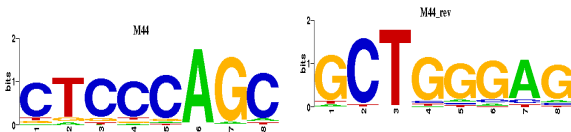


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Lyf-1_M00141	4.0960e-08	CTGGGAGG TTGGGAGR	
MAZ_M00649	2.3221e-07	CTGGGAGG- --GGGAGGG	
Tra-1_M01048	2.2004e-06	-CCTCCCAG ACCWCCC--	
GLI_M01037	1.0670e-05	CTGGGAGG--- NIGGGTGGTCN	
TFII-I_M00706	1.3511e-05	CCTCCCAG CCTMCNTC	

**M44**



*forward*

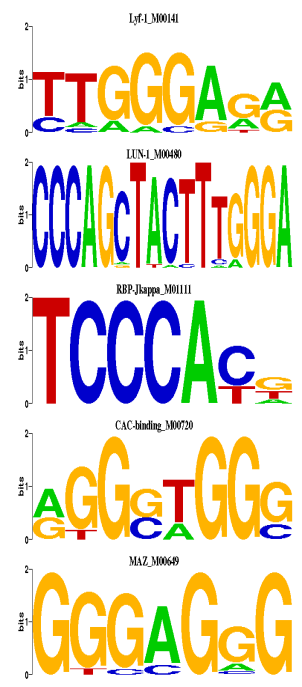
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------

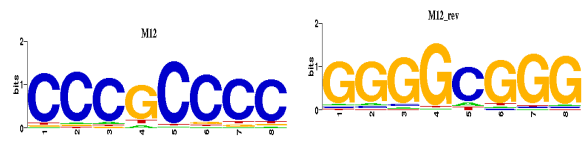
Stamp Results

10/01/13

Lyf-1_M00141	2.1971e-06	-CTCCCAGC YCTCCCAA-
LUN-1_M00480	1.6857e-04	-----GCTGGGAG TCCCAAAGTAGCTGGG--
RBP-Jkappa_M01111	1.7208e-04	GCTGGGAG NGTGGGA-
CAC-binding_M00720	1.7391e-04	--GCTGGGAG RGGSTGGG--
MAZ_M00649	1.8604e-04	--CTCCCAGC CCCTCC---



M12

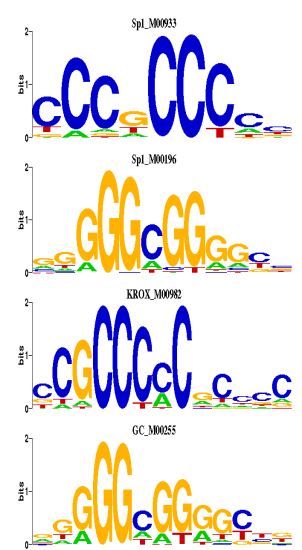


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Sp1_M00933	2.7400e-13	CCCGCCCC- CCCKCCCCN
Sp1_M00196	1.1583e-11	-GGGGCGGG--- NGGGGCGGGN
KROX_M00982	6.7328e-11	GGGGCGGG----- GNNGNGGGGGCGG
GC_M00255	1.8147e-10	----CCCGCCCC- NNGCCCCGCCNN

*Motif*



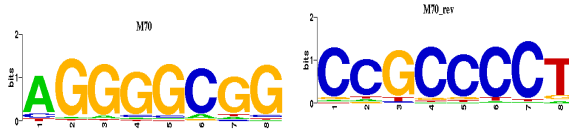
Sp1\_M00931

2.5529e-09

--CCCGCCCC  
NCCCCGCC--



**M70**



*forward*

*reverse compliment*

*Name E value Alignment Motif*

Sp1\_M00933

4.4060e-09

-CCGCCCT  
CCCKCCCN



Sp1\_M00196

6.0960e-08

----CCGCCCT  
NNCCCCGCCCCN



KROX\_M00982

2.2503e-07

CCGCCCT----  
CCGCCCCNCNNC



GC\_M00255

3.4576e-07

AGGGCGG----  
NNGGGCGGGCNN



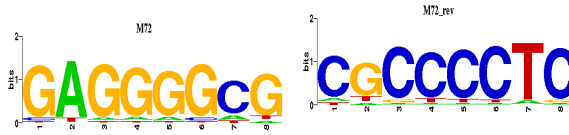
Egr\_M00807

4.4799e-06

-CCGCCCT-  
NYYGCSCCA



**M72**



*forward*

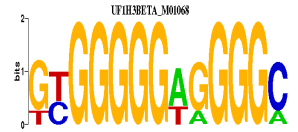
*reverse compliment*

*Name E value Alignment Motif*



UF1H3BETA\_M01068 2.3402e-07

-----GAGGGGCG  
GYGGGGGAGGGGC-



Sp1\_M00933 7.3647e-06

--CGCCCCTC  
CCCKCCCN-



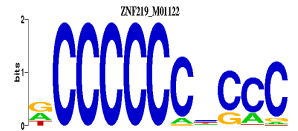
STRE\_M00308 1.8819e-05

CGCCCCTC  
-NCCCCT-



ZNF219\_M01122 2.7478e-05

-CGCCCCTC--  
NCCCCCNCCC

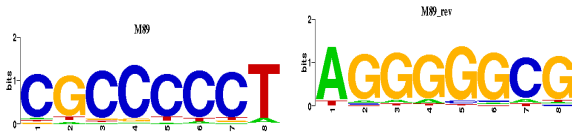


Sp1\_M00196 5.3524e-05

-----CGCCCCTC  
NNCCCCGCCCN-



**M89**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

KROX\_M00982 1.6493e-07

----AGGGGGCG-  
GNNGNGGGGGCGG



Egr\_M00807 2.0499e-07

--CGCCCCCT  
NYYGSCCCA



ZF5\_M00333 1.9387e-06

-----CGCCCCCT  
NWGC GCGYNYNY-



Sp1\_M00933 7.3534e-06

AGGGGGCG--  
-NGGGGMGGG

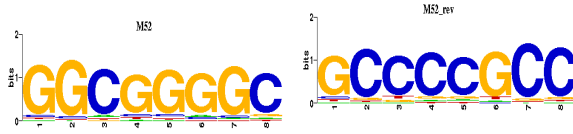


STRE\_M00308 1.9083e-05

CGCCCCCT  
--NCCCCT



**M52**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------

GC_M00255	1.8668e-10	--GCCCGCC---	
-----------	------------	--------------	--

		NNGCCCCGCCNN
--	--	--------------

Sp1_M00931	2.7487e-09	GCCCGCC-
------------	------------	----------

		NCCCCGCC
--	--	----------

Sp1_M00008	2.5969e-08	-GGCGGGGC
------------	------------	-----------

		RGGCRGGW
--	--	----------

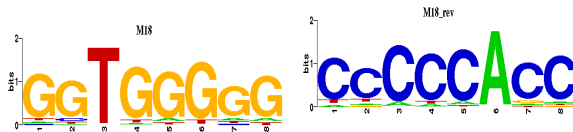
Sp1_M00196	6.5761e-08	-GCCCGCC---
------------	------------	-------------

		NNCCCCGCCCN
--	--	-------------

Sp1_M00932	7.1481e-08	-GCCCGCC---
------------	------------	-------------

		NNCCCCGCCCN
--	--	-------------

**M18**



*forward*

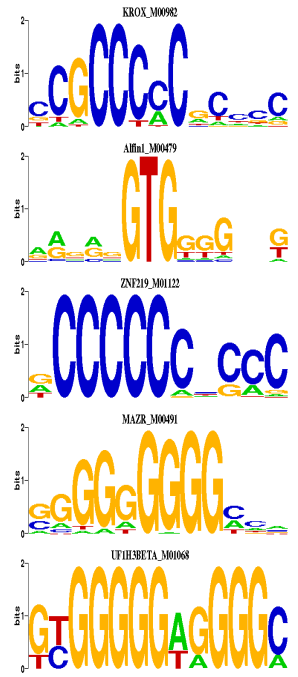
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------

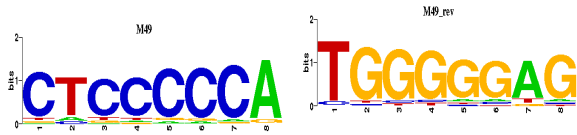
Stamp Results

10/01/13

KROX_M00982	1.4576e-07	--GGTGGGGG--- GNNNGGGGGGCGG
Alfin1_M00479	1.8138e-07	----GGTGGGGG-- NRNRNGTGGGGNNK
ZNF219_M01122	2.9846e-07	--CCCCCACC-- NCCCCCNCCC
MAZR_M00491	9.8221e-07	-GGTGGGGG--- SGGGGGGGGMNN
UF1H3BETA_M01068	1.0111e-06	-----CCCCCACC GCCCTCCCCRC-



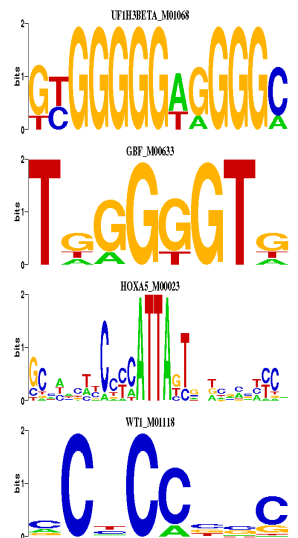
M49



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
UF1H3BETA_M01068	4.7285e-10	----CTCCCCCA- GCCCTCCCCRC	
GBF_M00633	2.1584e-08	TGGGGGAG TNGGGGTN	
HOXA5_M00023	1.1686e-06	-----TGGGGGAG----- NGRNNNNNNNANTAAATGRNGNNNNNNGC	
WT1_M01118	1.9435e-06	TGGGGGAG- -GNNGGNGN	



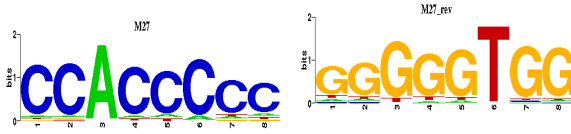
Egr\_M00807

1.8984e-05

--CTCCCCCA  
NYYGCSCCCA



**M27**

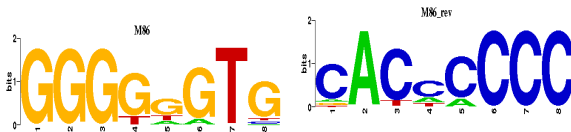


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
GBF_M00633	1.5981e-09	CCACCCCC- -NACCCNA	
UF1H3BETA_M01068	2.7516e-08	--GGGGGTGG-- GYGGGGGAGGGG	
Alfin1_M00479	3.3229e-07	-----CCACCCCC- MNNCCCCACNYNYN	
MAZR_M00491	8.0334e-07	---CCACCCCC- NNKCCCCCCCCS	
Tra-1_M01049	8.2991e-07	-CCACCCCC ACCNCCC--	

**M86**

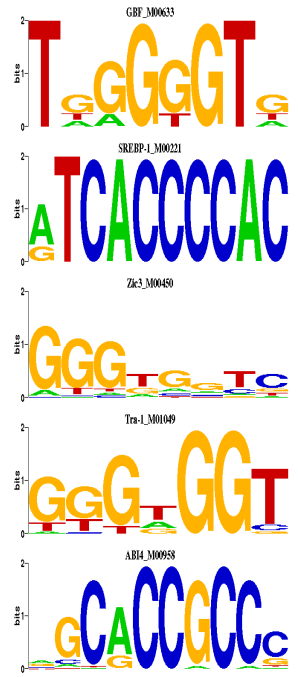


*forward*

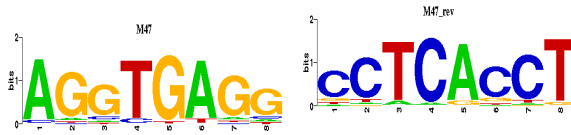
*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

GBF_M00633	2.2041e-09	CACCCCCC NACCCNA
SREBP-1_M00221	1.9368e-07	GGGGGTG-- GTGGGTGAT
Zic3_M00450	2.5000e-07	CACCCCCC GANCMCCC
Tra-1_M01049	3.2193e-07	CACCCCCC -ACCNCCC
ABI4_M00958	6.1119e-07	GGGGGTG-- GGCGGTGCN



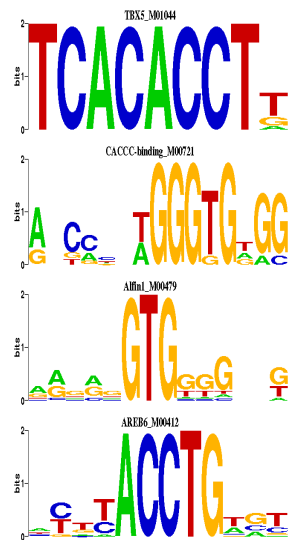
**M47**



*forward*

*reverse compliment*

Name	E value	Alignment
TBX5_M01044	2.8391e-05	-AGGTGAGG AAGGTGTGA
CACCC-binding_M00721	5.9869e-05	-----AGGTGAGG ANCMNNWGGGTGNGG
Alfin1_M00479	8.1320e-05	---AGGTGAGG--- NRNRNGTGGGGNNK
AREB6_M00412	1.2918e-04	----AGGTGAGG RNWCAGGTRNRN

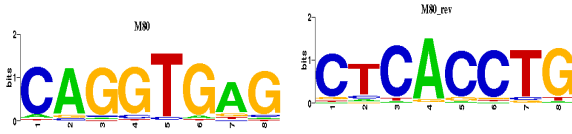


PPARalpha-RXRalpha\_M00518 1.4756e-04

CCTCACCT-----  
CNTSACCCCNATGACCNN



**M80**

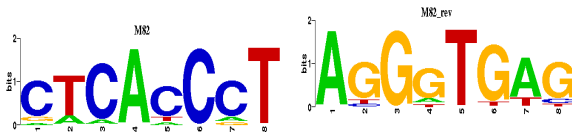


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
AREB6_M00412	1.7062e-07	---CAGGTGAG- RNWCAGGTRNRN	
myogenin_M00712	2.9512e-06	CTCACCTG- --CASCTGN	
MyoD_M00184	8.3318e-06	--CAGGTGAG GNCAGNTGN-	
USF_M00796	1.3825e-05	-CTCACCTG-- NSTCACGTGNN	
E12_M00693	1.6294e-05	-CAGGTGAG- RCAGGTGNNN	

**M82**



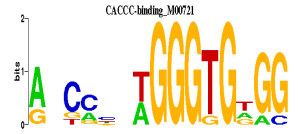
*forward*

*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

CACCC-binding\_M00721 2.7718e-06

-----AGGGTGAG--  
ANCMNNWGGGTGNGG



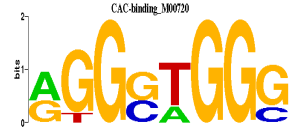
SREBP\_M00776 3.9744e-06

-AGGGTGAG--  
TRGGGTGANNN



CAC-binding\_M00720 5.5587e-06

CTCACCT  
CCCASCCY



CACD\_M01113 1.5289e-05

AGGGTGAG  
-GGGYGTG

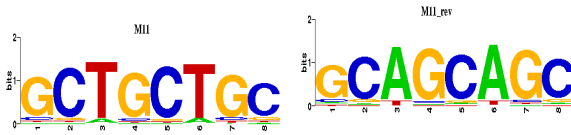


SREBP-1\_M00221 1.6358e-05

--AGGGTGAG  
GTGGGGTGAT



**M11**



*forward*

*reverse compliment*

*Name*                      *E value*

*Alignment*

*Motif*

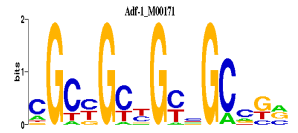
LMAF\_M01139 1.5532e-06

GCTGCTGC-  
-CTGCTGAS



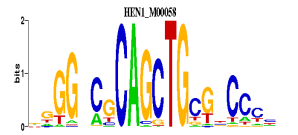
Adf-1\_M00171 2.2145e-06

-----GCAGCAGC-  
NMNGCNRRCRGRGCG



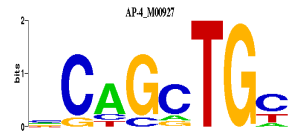
HEN1\_M00058 5.3041e-06

-----GCTGCTGC-----  
NNGGNCGCAGCTGCGNCCNNN



AP-4\_M00927 1.2270e-05

GCAGCAGC  
RCAGCTGN



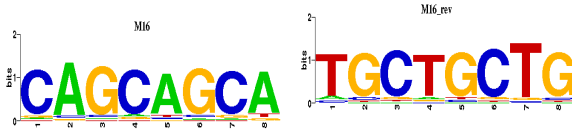
HEB\_M00698

1.3179e-05

GCTGCTGC  
CCWGCTG-



**M16**

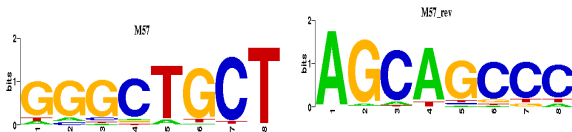


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
LMAF_M01139	1.4790e-06	TGCTGCTG-- --CTGCTGAS	
NRSF_M01028	9.1782e-06	-CAGCAGCA----- TCAGCACCRYGGACAGNR	
NRSF_M00256	1.0027e-05	-----TGCTGCTG- GSYGCTGTCCGTGGTGTGA	
HEB_M00698	1.8213e-05	CAGCAGCA CAGCWGG-	
AP-4_M00927	3.9215e-05	TGCTGCTG- -RCAGCTGN	

**M57**



*forward*

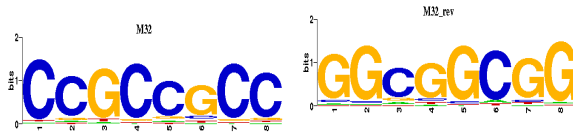
*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------




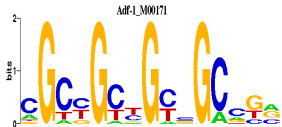


ZBRK1_M01105	2.1036e-05	---GGGCTGCT--- AAANNCTGCKSCC	
LBP-1_M00644	1.0317e-04	AGCAGCCC -SCAGCN-	
YY1_M00069	3.2046e-04	-----GGGCTGCT NNCNGCCATCTTGNNTSNW	
TAL1_M00993	3.5161e-04	AGCAGCCC- RNCAGNTGG	
ERF2_M01057	3.9063e-04	GGGCTGCT -GGCGGC-	

**M32**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ERF2_M01057	4.9408e-09	GGCGGCGG GGCGGC--	
Adf-1_M00171	1.4491e-07	-----CCGCCGCC-- CGCYGCGYNGCNKN	
ETF_M00695	9.7240e-07	CCGCCGCC CCGCCN--	
KROX_M00982	2.6623e-06	CCGCCGCC----- CCGCCCCNCNNC	

Stamp Results

10/01/13

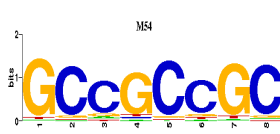
ABI4\_M00958

1.5310e-05

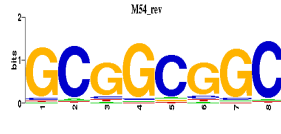
-GGCGGCGG-  
GGGCGGTGCN



**M54**



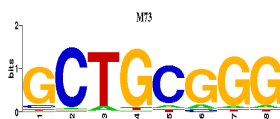
*forward*



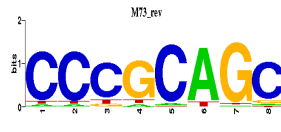
*reverse compliment*

Name	E value	Alignment	Motif
ERF2_M01057	4.6718e-09	GCGGCGGC --GGCGGC	
Adf-1_M00171	1.5221e-07	----GCCGCCGC---- CGCYGCGYNGCNKN	
Adf-1_M00923	2.8271e-07	-----GCGGCGGC----- CRMNKKCAGCGRCKGCRGCS	
repressor_M00014	1.4884e-06	----GCCGCCGC---- NNTAGCCGCCNANRNN	
ETF_M00695	1.7327e-06	GCGGCGGC -NGGCGG-	

**M73**



*forward*



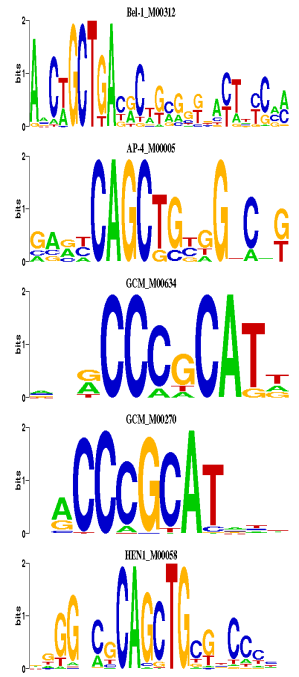
*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

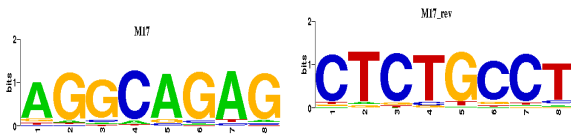
Stamp Results

10/01/13

Bel-1_M00312	4.2336e-06	-----CCCGCAGC----- KNGRNAGTNMNCKCWGYRTCAGCAGNT
AP-4_M00005	3.0598e-05	---CCCGCAGC----- MNGNCNNCAGCTGNNNN
GCM_M00634	3.5301e-05	GCTGCGGG--- NATGCGGGYNN
GCM_M00270	5.6315e-05	--GCTGCGGG-- NNNATGCGGGTN
HEN1_M00058	6.1649e-05	-----GCTGCGGG--- NNNGGNCGCAGCTGCGNCCNN



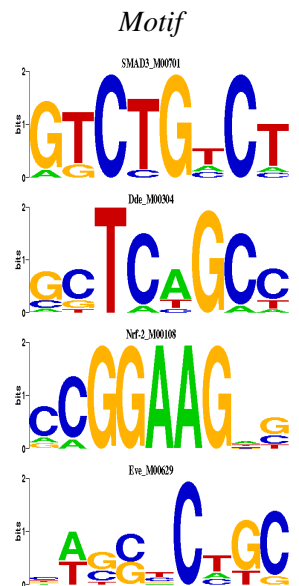
**M17**



*forward*

*reverse compliment*

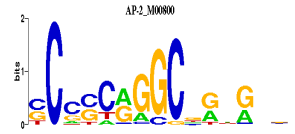
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
SMAD3_M00701	3.2433e-06	AGGCAGAG AGNCAGAC
Dde_M00304	7.0676e-06	AGGCAGAG- -GGCTGAC
Nrf-2_M00108	1.2097e-04	-AGGCAGAG CCGGAAGNS
Eve_M00629	3.4993e-04	AGGCAGAG--- --GCNGNSSWN



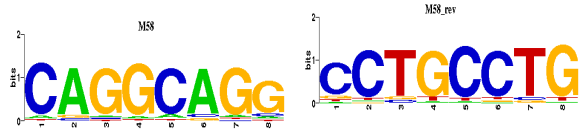
AP-2\_M00800

9.0277e-04

--CTCTGCCT-----  
NNYNYNGCCYGSSGS



**M58**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

E2A\_M00973

9.4065e-06

CAGGCAGG--  
--RNCAGNT



Tel-2\_M00678

3.3130e-05

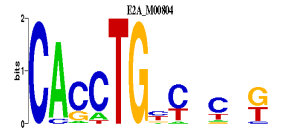
CAGGCAGG--  
CAGGAAGTA



E2A\_M00804

7.5394e-05

--CCTGCCTG---  
CACCTGNCNCNKN



TFII-I\_M00706

1.5806e-04

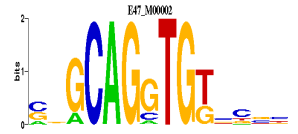
CCTGCCTG  
CCTMCNTC



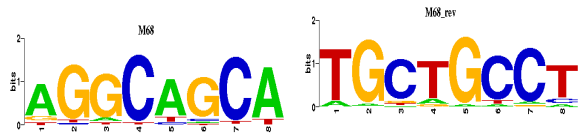
E47\_M00002

2.3024e-04

CAGGCAGG-----  
-SNGCAGGTGTNNNN



**M68**



*forward*

*reverse compliment*

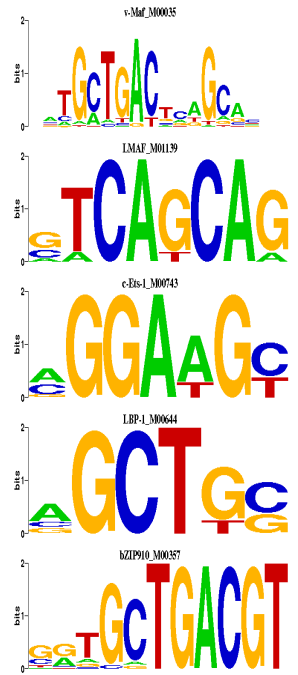
*Name*

*E value*

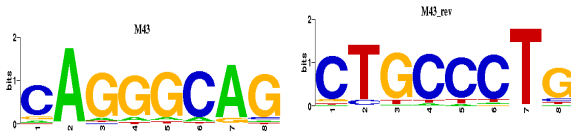
*Alignment*

*Motif*

v-Maf_M00035	1.0093e-05	--TGCTGCCT----- NNTGCTGACNNGCANN
LMAF_M01139	4.4658e-05	-TGCTGCCT CTGCTGAS-
c-Ets-1_M00743	8.7999e-05	TGCTGCCT -GCTTCK
LBP-1_M00644	1.4749e-04	AGGCAGCA --SCAGCN
bZIP910_M00357	1.7893e-04	-AGGCAGCA-- ACGTCAGCAYS



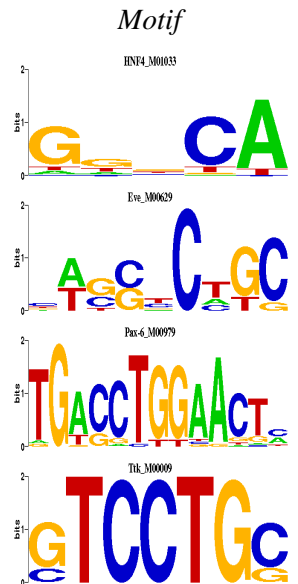
**M43**



*forward*

*reverse compliment*

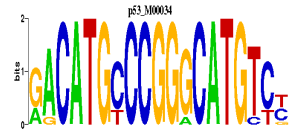
Name	E value	Alignment
HNF4_M01033	1.1688e-04	CTGCCCTG -TGNNC--
Eve_M00629	9.1587e-04	-CAGGGCAG GCNGNSSWN
Pax-6_M00979	1.1265e-03	-----CAGGGCAG KAGTTCAGGTCA-
Ttk_M00009	1.3407e-03	-CAGGGCAG GCAGGAC--



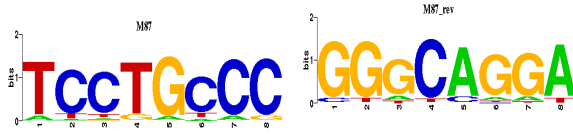
p53\_M00034

1.6527e-03

-----CTGCCCTG-----  
 RGACATGCCCGGGCATGTC



**M87**

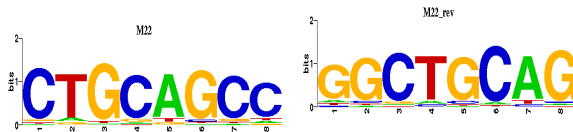


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Ttk_M00009	3.7906e-07	GGGCAGGA-- --GCAGGAC	
KAISO_M01119	6.2415e-06	-GGGCAGGA NTNGCAGGA	
E2A_M00973	1.0757e-05	GGGCAGGA -RNCAGNT	
E47_M00002	2.3551e-05	GGGCAGGA----- SNGCAGGTGTNNNN	
NERF1a_M00531	5.6096e-05	-----TCCTGCC SNNASNYRCTTCCTGNY-	

**M22**



*forward*

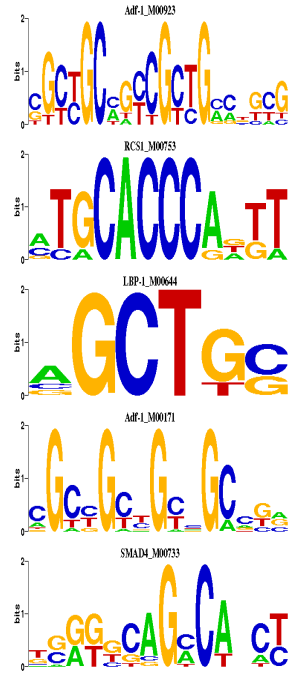
*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

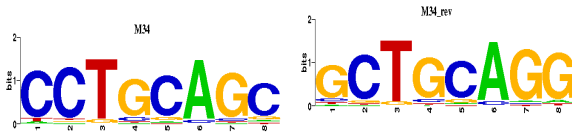
Stamp Results

10/01/13

Adf-1_M00923	3.7427e-06	-----GGCTGCAG-- CRMNKKCAGCGRCKGCRGCS
RCS1_M00753	9.4432e-05	CTGCAGCC---- MTGCACCCANTT
LBP-1_M00644	1.1781e-04	CTGCAGCC --SCAGCN
Adf-1_M00171	2.3385e-04	-----CTGCAGCC-- CGCYGCGYNGCNKN
SMAD4_M00733	2.9276e-04	--CTGCAGCC---- NSRKNCAGMCANCY



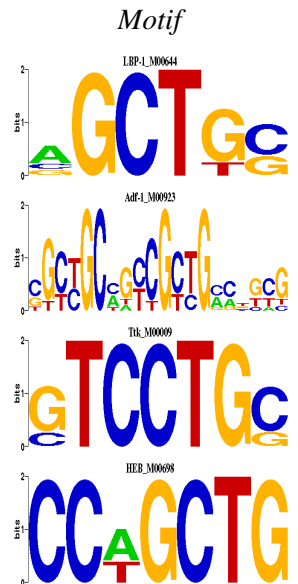
M34



*forward*

*reverse compliment*

Name	E value	Alignment
LBP-1_M00644	8.1409e-05	CCTGCAGC- ---SCAGCN
Adf-1_M00923	1.4576e-04	-----CCTGCAGC- CRMNKKCAGCGRCKGCRGCS
Ttk_M00009	2.1783e-04	GCTGCAGG-- ---GCAGGAC
HEB_M00698	2.3912e-04	CCTGCAGC CCWGCTG-

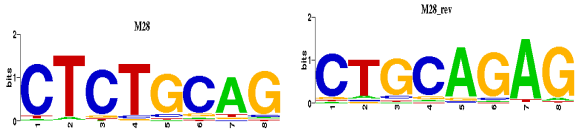


Barbie\_M00238 4.0317e-04

CCTGCAGC-----  
CMNNCNSCTTTNNN



**M28**

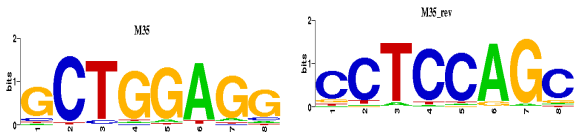


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
LMAF_M01139	1.5005e-05	CTGCAGAG CTGCTGAS	
Nrf-2_M00821	2.0811e-04	-----CTCTGCAG NNTGACTCAGCA-	
Eve_M00629	4.1080e-04	CTGCAGAG--- --GCNGNSSWN	
Adf-1_M00923	8.0208e-04	-----CTGCAGAG CRMNKKCAGCGRCKGCRGCS	
v-Maf_M00035	9.2296e-04	--CTGCAGAG----- NNNTGCNNNGTCAGCANN	

**M35**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------



Barbie\_M00238 1.1590e-08

-----GCTGGAGG  
NNNAAAGSNGNNKG



MAZ\_M00649 2.3473e-04

-CCTCCAGC  
CCCTCCC--



BRK\_M01096 2.4077e-04

GCTGGAGG  
-NTGGCG-



TFII-I\_M00706 2.9842e-04

GCTGGAGG  
GANGKAGG

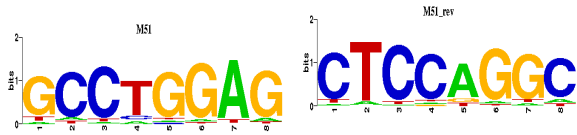


HEB\_M00698 6.8015e-04

--GCTGGAGG  
CAGCWGG---



**M51**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

AP-2\_M00915 8.6316e-06

-GCCTGGAG---  
NGCCNGNGGNNN



Pax-6\_M00979 1.0778e-04

---CTCCAGGC--  
KAGTTCAGGTCA



BRK\_M01096 2.4975e-04

GCCTGGAG  
--NTGGCG



STAT5B\_M00459 3.5422e-04

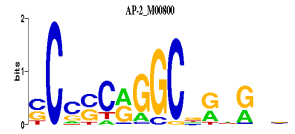
---CTCCAGGC---  
NRNTTCNGGAAWN



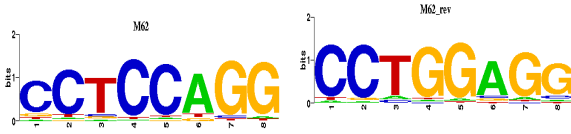
AP-2\_M00800

1.0995e-03

-CTCCAGGC-----  
SCSSCRGGCNRNRNN



**M62**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

Barbie\_M00238

1.4172e-05

CCTCCAGG-----  
CMNNCNSCTTTNNN



ZAP1\_M00754

5.7656e-05

-CCTGGAGG-  
ACCTTKAGGG



Pax-6\_M00979

9.8127e-05

--CCTCCAGG---  
KAGTTCAGGTCA



BRK\_M01096

1.9277e-04

CCTGGAGG  
-NTGGCG-



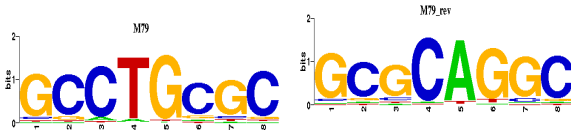
MAZ\_M00649

2.2100e-04

-CCTCCAGG  
CCCTCCC--



**M79**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

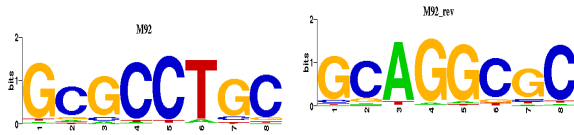
*Motif*

Stamp Results

10/01/13





Nrf-1_M00652	4.7669e-07	-GCGCAGGC YGCGCAYGC	
AP-2_M00915	1.7277e-05	-GCCTGCGC--- NGCCNGNGGNNN	
Egr-2_M00246	4.9331e-05	--GCCTGCGC- MCGCCCACGCA	
ZBRK1_M01105	7.2573e-05	--GCGCAGGC---- GGSMGCAGNNNTT	
AP-2_M00189	7.9789e-05	-GCCTGCGC-- CGCCNGSGGGN	

**M92**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Nrf-1_M00652	1.2974e-07	-GCGCCTGC YGCGCAYGC	
E12_M00693	6.9025e-06	--GCGCCTGC NNNCACCTGY	
myogenin_M00712	8.4543e-05	GCGCCTGC -CASCTGN	
AP-2_M00189	1.1235e-04	GCGCCTGC---- -CGCCNGSGGGN	

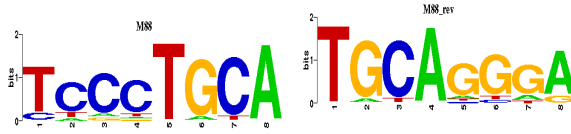
BRK\_M01096

1.8384e-04

GCAGGCGC  
-NTGGCG-



**M88**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

Ttk\_M00009

2.6176e-04

TGCAGGGA  
-GCAGGAC



Gfi1b\_M01058

4.0454e-04

TGCAGGGA---  
WGCMGTGATT



MAZ\_M00649

1.2508e-03

TGCAGGGA  
GGGAGGG-



GATA-4\_M00632

1.3218e-03

TCCCTGCA---  
TSYCTKNTATC



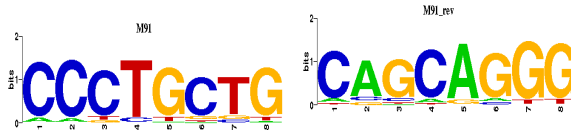
KAISO\_M01119

1.5742e-03

--TGCAGGGA  
NTNGCAGGA-



**M91**



*forward*

*reverse compliment*

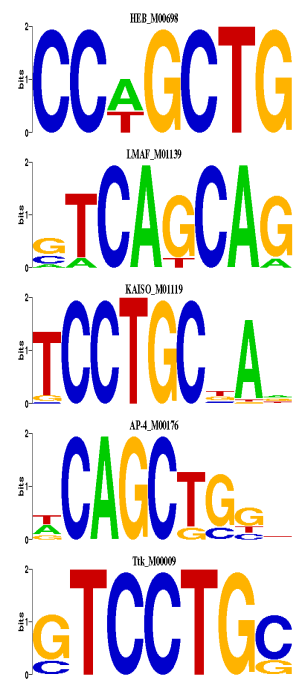
*Name*

*E value*

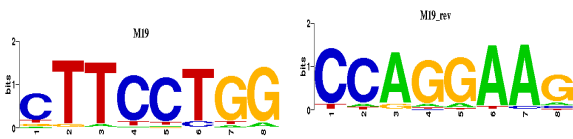
*Alignment*

*Motif*

HEB_M00698	1.3765e-08	CAGCAGGG CAGCWGG-
LMAF_M01139	1.5571e-06	CCCTGCTG-- --CTGCTGAS
KAISO_M01119	1.5610e-05	-CAGCAGGG NTNGCAGGA
AP-4_M00176	1.5682e-04	CCCTGCTG- NNCAGCTGN
Ttk_M00009	2.2669e-04	CAGCAGGG- --GCAGGAC



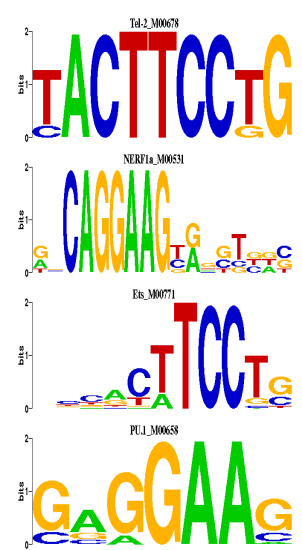
**M19**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Tel-2_M00678	3.5240e-09	CCAGGAAG-- -CAGGAAGTA
NERF1a_M00531	5.6968e-09	-CCAGGAAG----- RNCAGGAAGYRNSTNNS
Ets_M00771	1.3998e-07	CCAGGAAG---- -CAGGAAGYNNN
PU.1_M00658	2.7471e-07	CTTCTGG CTTCTC-



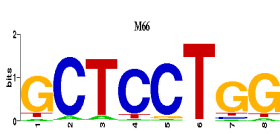
Ets\_M00971

2.7688e-07

CCAGGAAG  
-NAGGAAG



**M66**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

AREB6\_M00414

2.8801e-05

-GCTCCTGG--  
NRCACCTGKNN



Ttk\_M00009

1.7521e-04

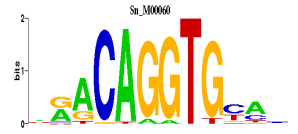
CCAGGAGC  
GCAGGAC-



Sn\_M00060

4.6210e-04

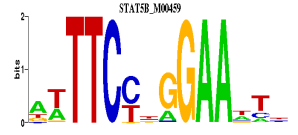
--GCTCCTGG--  
NKRCACCTGTYN



STAT5B\_M00459

4.9522e-04

-GCTCCTGG----  
NWTTCNGGAANYN



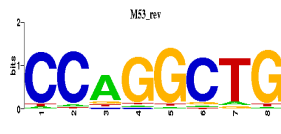
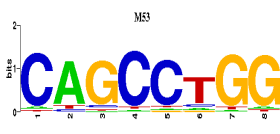
E12\_M00693

6.1078e-04

--GCTCCTGG  
NNNCACCTGY



**M53**



*forward*

*reverse compliment*

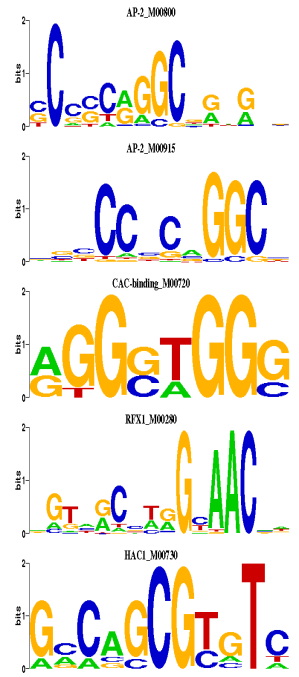
*Name*

*E value*

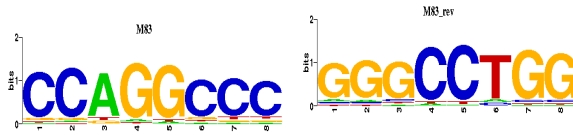
*Alignment*

*Motif*

AP-2_M00800	4.3305e-05	----CAGCCTGG--- NNYNYNGCCYGSSGS
AP-2_M00915	2.8083e-04	CAGCCTGG----- -NGCCNGNGGNNN
CAC-binding_M00720	3.9737e-04	CCAGGCTG-- --RGGSTGGG
RFX1_M00280	4.5461e-04	--CAGCCTGG----- NGTNRCNWRGYAACNN
HAC1_M00730	6.7888e-04	-CCAGGCTG-- GACACGCTGKC



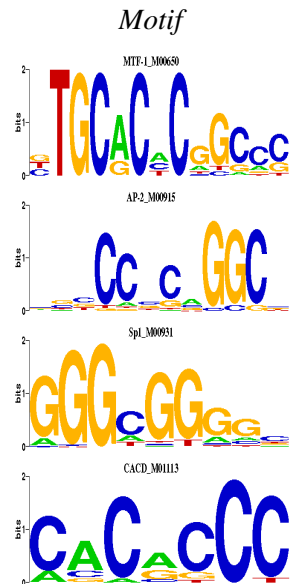
**M83**



*forward*

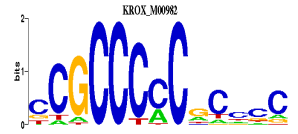
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MTF-1_M00650	2.0870e-04	-----CCAGGCC NTGCACNCGGCC
AP-2_M00915	2.3734e-04	GGGCCTGG----- -NGCCNGNGGNNN
Sp1_M00931	3.9720e-04	-CCAGGCC NCCCCGCC
CACD_M01113	4.2159e-04	GGGCCTGG GGGYGTG-

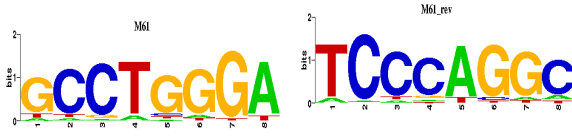


KROX\_M00982 5.9120e-04

-GGGCCTGG-----  
GNNGNNGGGGGCGG



**M61**

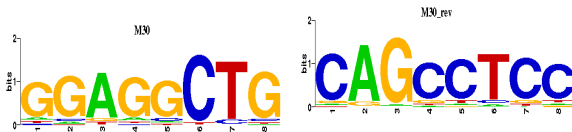


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
AP-2_M00915	8.0140e-07	-GCCTGGGA--- NGCCNGNGGNNN	
RBP-Jkappa_M01111	1.7493e-05	GCCTGGGA -NGTGGGA	
EBF_M00977	3.3756e-05	TCCCAGGC-- NCYCWRGGGA	
RBP-Jkappa_M01112	1.1497e-04	--TCCCAGGC KTTCCCACGN	
AP-2_M00800	1.5465e-04	-TCCCAGGC----- SCSSCRGGCNRNRNN	

**M30**



*forward*

*reverse compliment*

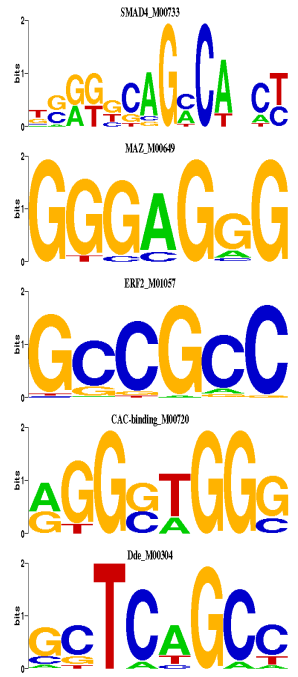
Name	E value	Alignment	Motif
------	---------	-----------	-------



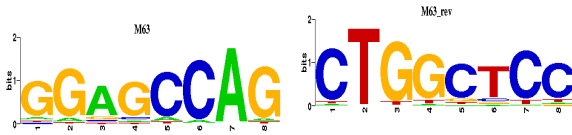
Stamp Results

10/01/13

SMAD4_M00733	3.8019e-05	-GGAGGCTG----- RGNTGKCTGNMYSN
MAZ_M00649	2.3894e-04	CAGCCTCC- --CCCTCCC
ERF2_M01057	3.1760e-04	GGAGGCTG GGCGGC--
CAC-binding_M00720	5.3113e-04	GGAGGCTG-- --RGGSTGGG
Dde_M00304	1.0034e-03	GGAGGCTG--- ---GGCTGAGC



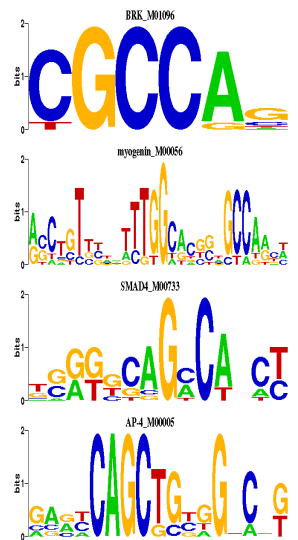
**M63**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
BRK_M01096	2.3316e-05	CTGGCTCC NTGGCG--	
myogenin_M00056	6.8436e-05	--CTGGCTCC----- NNYTGGCNSNGTGCCAAANNNNACAGST	
SMAD4_M00733	1.9710e-04	--CTGGCTCC----- RGNTGKCTGNMYSN	
AP-4_M00005	2.7058e-04	-----CTGGCTCC MNGNCNNCAGCTGNNNN-	



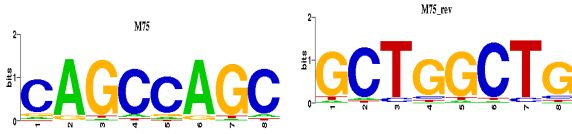
YY1\_M00069

3.9494e-04

-----CTGGCTCC--  
NNCNGCCATCTTGNNTSNW



**M75**

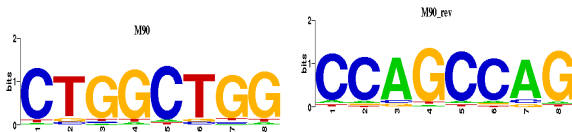


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
SMAD4_M00733	2.8631e-08	-GCTGGCTG----- RGNTGKCTGNMYSN	
BRK_M01096	2.2328e-05	GCTGGCTG -NTGGCG-	
HAC1_M00730	1.5596e-04	-----GCTGGCTG GACACGCTGKC--	
myogenin_M00056	1.8168e-04	-GCTGGCTG----- NNYTGGCNSNGTGCCAAANNNACAGST	
AP-4_M00005	1.9813e-04	-----GCTGGCTG MNGNCNNCAGCTGNNNN	

**M90**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

Stamp Results

10/01/13

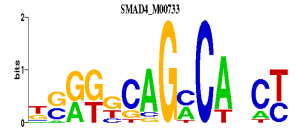
BRK\_M01096 2.3166e-05

CTGGCTGG  
NTGGCG--



SMAD4\_M00733 3.3583e-05

--CTGGCTGG----  
RGNTGKCTGNMYSN



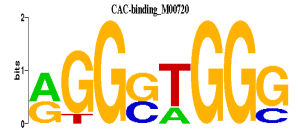
GLI\_M01037 4.9157e-05

---CCAGCCAG  
NGACCACCCAN



CAC-binding\_M00720 1.6400e-04

-CCAGCCAG  
CCCASCCY-

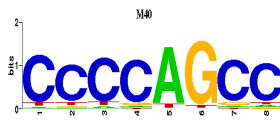


HEB\_M00698 7.7968e-04

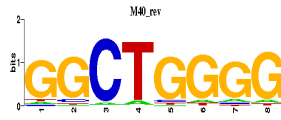
CCAGCCAG  
CCWGCTG-



M40



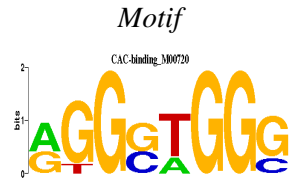
*forward*



*reverse compliment*

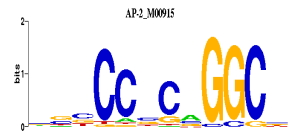
*Name* *E value*  
CAC-binding\_M00720 2.1222e-07

*Alignment*  
CCCCAGCC-  
-CCCASCCY



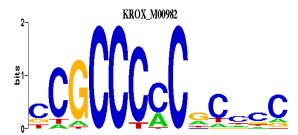
AP-2\_M00915 2.6964e-06

---CCCCAGCC-  
NNNCCNCNGGCN



KROX\_M00982 4.5911e-06

--GGCTGGGG---  
GNNGNGGGGGCGG



Dde\_M00304 1.6746e-05

GGCTGGGG  
GGCTGAGC



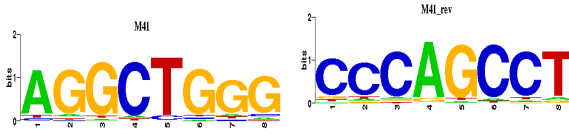
Sp1\_M00008

4.4764e-05

CCCCAGCC-  
WCCCYGCCY



**M41**

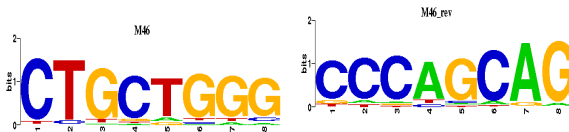


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
CAC-binding_M00720	9.9362e-10	CCCAGCCT CCCASCCY	
Dde_M00304	2.3836e-05	AGGCTGGG- -GGCTGAGC	
Sp1_M00931	5.9272e-05	AGGCTGGG- GGGCGGGGN	
Sp1_M00008	6.7023e-05	-CCCAGCCT WCCCYGCCY	
LUN-1_M00480	1.6937e-04	-----AGGCTGGG TCCCAAAGTAGCTGGG	

**M46**

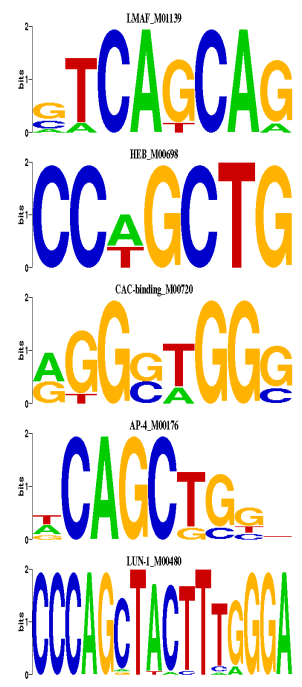


*forward*

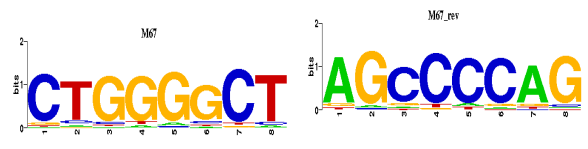
*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

LMAF_M01139	1.4588e-06	CTGCTGGG CTGCTGAS
HEB_M00698	9.6477e-06	CCCAGCAG -CCWGCTG
CAC-binding_M00720	1.1646e-04	CCCAGCAG CCCASCCY
AP-4_M00176	1.1742e-04	CCCAGCAG- NNCAGCTGN
LUN-1_M00480	1.7770e-04	CCCAGCAG----- CCCAGCTACTTTGGGA



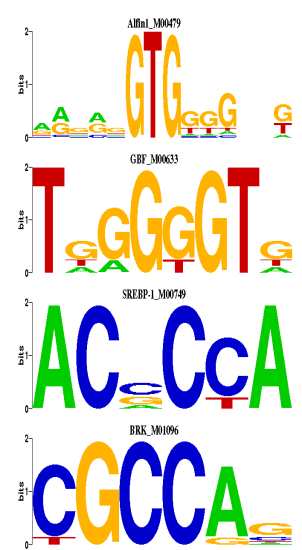
**M67**



*forward*

*reverse compliment*

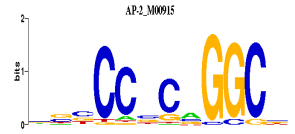
Name	E value	Alignment
Alfin1_M00479	1.3242e-05	-AGCCCCAG----- MNNCCCCACNYNYN
GBF_M00633	2.6951e-05	CTGGGGCT- -TNGGGGTN
SREBP-1_M00749	1.1162e-04	CTGGGGCT -TGSGT-
BRK_M01096	1.9437e-04	CTGGGGCT NTGGCG--



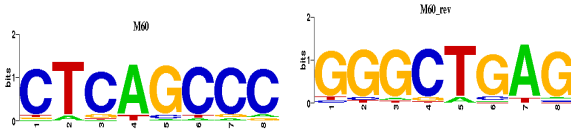
AP-2\_M00915

2.6840e-04

---CTGGGGCT--  
NGCCNGNGGNNN



**M60**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

Dde\_M00304

7.9950e-10

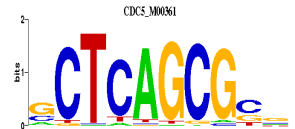
GGGCTGAG--  
--GGCTGAGC



CDC5\_M00361

2.4741e-07

--CTCAGCCC--  
SCTCAGCGSN



MAF\_M00983

3.3478e-05

----CTCAGCCC  
NTGACTCANC--



NF-E2\_M00037

4.1062e-05

GGGCTGAG----  
--GCTGAGTCAY



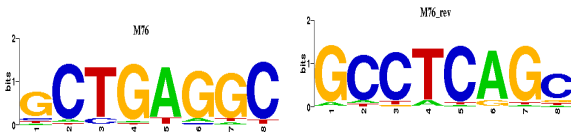
SREBP-1\_M00221

7.2660e-05

CTCAGCCC--  
ATCACCCAC



**M76**



*forward*

*reverse compliment*

*Name*






*E value*

*Alignment*

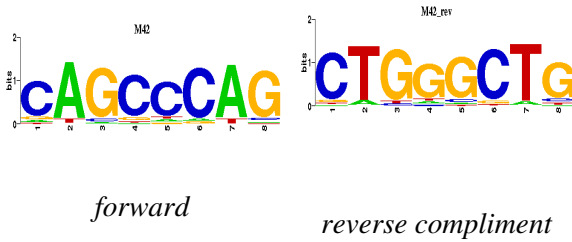
*Motif*





Stamp Results

10/01/13

MAF_M00983	7.9528e-08	GCTGAGGC-- GNTGAGTCAN	
NF-E2_M00037	1.5947e-07	GCTGAGGC-- GCTGAGTCAY	
Nrf-2_M00821	1.6164e-06	---GCCTCAGC- NNTGACTCAGCA	
Dde_M00304	2.7596e-06	-GCTGAGGC GGCTGAGC-	
AP-2alphaA_M01047	4.1175e-06	----GCTGAGGC-- ANMGCCTNAGGCKN	

M42



Name	E value	Alignment	Motif
YY1_M00069	4.6664e-05	-----CTGGGCTG-- NNCNGCCATCTTGNNTSNW	
SREBP-1_M00221	7.5929e-05	--CAGCCCAG ATCAGCCCAC	
SREBP_M00776	1.8978e-04	CTGGGCTG---- -TRGGGTGANNN	
CP2_M00072	2.5765e-04	CTGGGCTG-- CTGGKINGNG	

Stamp Results

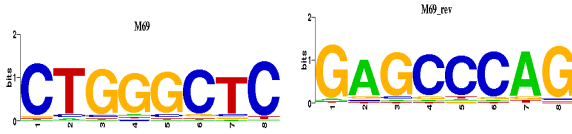
10/01/13

SREBP-1\_M00749 5.4731e-04

CTGGGCTG  
-TGGSGT-



**M69**

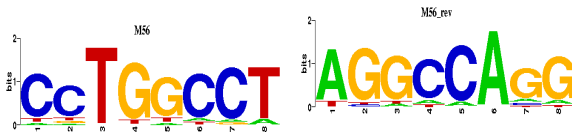


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Poly_M00211	2.8703e-05	CTGGGCTC GTGGTCTC	
PCF2_M00948	6.1988e-05	-GAGCCCAG NGNCCCAC	
YY1_M00069	4.2520e-04	--GAGCCCAG----- WNSANNCAAGATGGCNGNN	
SREBP-1_M00749	6.1774e-04	CTGGGCTC -TGGSGT-	
AR_M00962	8.4340e-04	CTGGGCTC NNNTGCTC	

**M56**



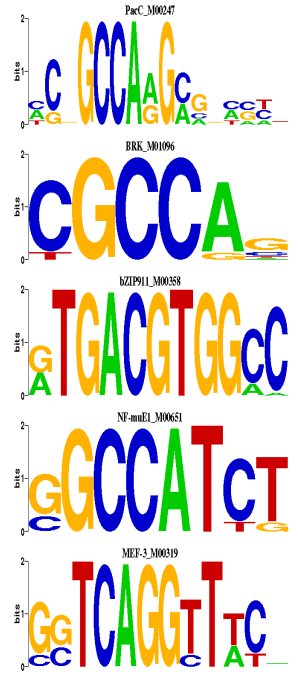
*forward*

*reverse compliment*

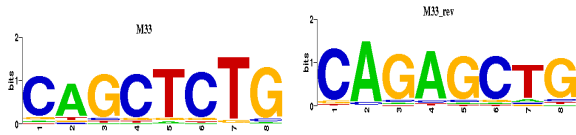
Name	E value	Alignment	Motif
------	---------	-----------	-------



PacC_M00247	2.1697e-05	-----CCTGGCCT- NNNNNNNKCYTGCGNGN
BRK_M01096	2.2485e-05	CCTGGCCT -NTGGCG-
bZIP911_M00358	1.9803e-04	----CCTGGCCT RTGACGTGGCC-
NF-muE1_M00651	9.5145e-04	-CCTGGCCT AGATGGCC-
MEF-3_M00319	1.1918e-03	-----CCTGGCCT NGWAACCTGASC-



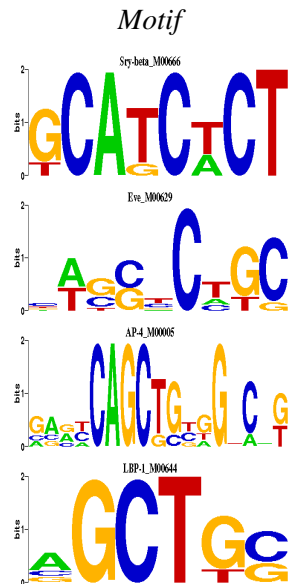
**M33**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Sry-beta_M00666	8.9857e-06	CAGAGCTG- -AGWGATGC
Eve_M00629	1.5924e-05	-CAGAGCTG GCNGNSSWN
AP-4_M00005	3.0718e-05	-----CAGAGCTG----- MNGNCNNCAGCTGNNNN
LBP-1_M00644	4.0484e-05	CAGAGCTG- ---NGCTGS



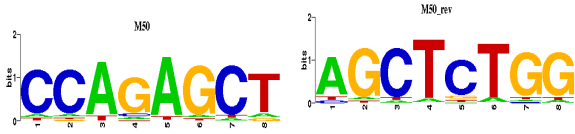
HEB\_M00698

5.1069e-04

CAGAGCTG-  
--CAGCWGG



**M50**

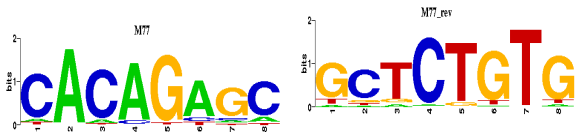


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Eve_M00629	1.5280e-05	CCAGAGCT- GCNGNSSWN	
AP-4_M00005	4.1012e-05	----CCAGAGCT---- MNGNCNNCAGCTGNNNN	
HSF_M00641	2.5120e-04	-CCAGAGCT--- TCNMGNRGYTTC	
Dde_M00304	1.1753e-03	-CCAGAGCT GGCTGAGC-	
RP58_M00532	1.4697e-03	-CCAGAGCT-- TCCAGATGTTN	

**M77**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
-------------	----------------	------------------	--------------

Stamp Results

10/01/13

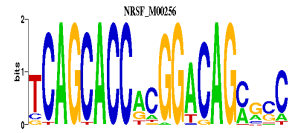
ZAP1\_M00735 1.0021e-04

GCTCTGTG-  
RCTCGGTCA



NRSF\_M00256 2.5335e-04

-GCTCTGTG-----  
GSYGCTGTCCGTGGTGCTGA



SEF-1\_M00214 3.0325e-04

---CACAGAGC-----  
RACCACAGATATCCGTGT



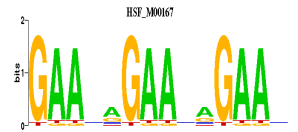
GAGA\_M00723 5.3275e-04

--GCTCTGTG  
TYNCKCTCWS

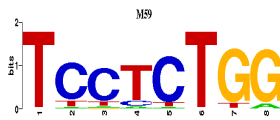


HSF\_M00167 9.8270e-04

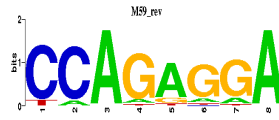
-----GCTCTGTG-  
NTTCNNTTCNNTTC



**M59**



*forward*



*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

HSF\_M00641 3.8978e-06

---TCCTCTGG-  
GAARCYNCKNGA



Elf-1\_M00746 5.2870e-05

CCAGAGGA---  
NAAGAGGAART



XPF-1\_M00684 5.4952e-05

--TCCTCTGG  
GKTSNYCNG-



EBF\_M00977 6.4026e-05

--CCAGAGGA  
NCYCWRGGGA

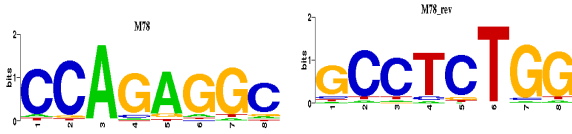


RP58\_M00532 3.2322e-04

--CCAGAGGA--  
TCCAGATGTTN



**M78**

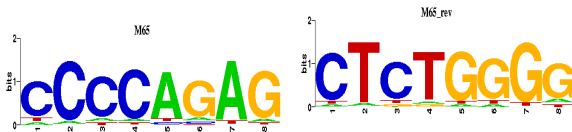


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
HSF_M00641	3.3187e-07	---GCCTCTGG-- GAARCYNCKNGA	
AP-2alphaA_M01047	4.5606e-05	---GCCTCTGG--- ANMGCCTNAGGCKN	
Hand1-E47_M00222	1.6369e-04	----CCAGAGGC--- NNWNCCAGAYNCNNN	
RP58_M00532	2.4285e-04	--GCCTCTGG-- NAACATCTGGA	
AP-2alphaA_M01045	4.7860e-04	----CCAGAGGC-- NNNSCCTNAGGCNN	

**M65**



*forward*

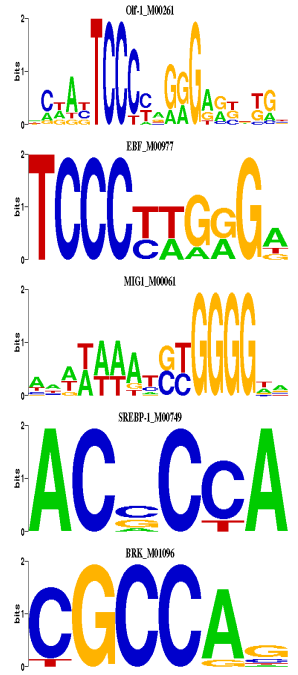
*reverse compliment*

Name	E value	Alignment	Motif
------	---------	-----------	-------

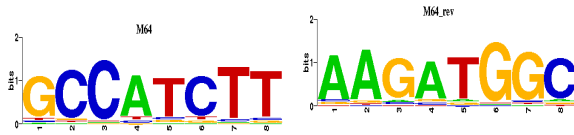
Stamp Results

10/01/13

Olf-1_M00261	2.0075e-06	-----CTCTGGGG----- NCMNNYTCNCRGGGANTNGN
EBF_M00977	1.3971e-05	-CTCTGGGG- NCYCWRGGGA
MIG1_M00061	4.1701e-05	--CCCCAGAG----- NNCCCCRSNTTTWNN
SREBP-1_M00749	1.0030e-04	CTCTGGGG- ---TGGSGT
BRK_M01096	2.4906e-04	CTCTGGGG --NTGGCG



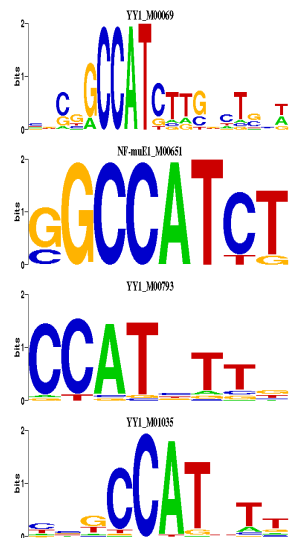
**M64**



*forward*

*reverse compliment*

Name	E value	Alignment
YY1_M00069	2.5710e-10	----GCCATCTT----- NNCNGCCATCTTGNNTSNW
NF-muE1_M00651	3.3870e-10	AAGATGGC- -AGATGGCC
YY1_M00793	2.3500e-09	-AAGATGGC NAANATGG-
YY1_M01035	6.3921e-05	--GCCATCTT NNKCCATNTN



# Stamp Results

10/01/13

TAL1\_M00993 8.5800e-05

GCCATCTT--  
-CCANCTGNY



---

Sequence logo generation powered by [weblogo](#)  
[STAMP](#) is written by Shaun Mahony