



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

Input file: 98 motifs loaded

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

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

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

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## Multiple Alignment

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

```

M0 :          -TTTTTTTT-----
M1 :          -----TTTTAAAA
M2 :          ---TTCCTTT-----
M3 :          --TTTCCTT-----
M4 :          ----TTTCTCTT----
M5 :          ----TGTGTGTG----
M6 :          -----TCCTTCCT---
M7 :          ---CTCTCTCT-----
M8 :          --CCCCCCCC-----
M9 :          -----TGCTTTTT---
M10 :         ----CTCCTCCC-----
M11 :         --TCCTCCTC-----
M12 :         -CCTTTCCT-----
M13 :         --TCTTCCTC-----
M14 :         -CTCTGCCT-----
M15 :         ---GCTGCTGC-----
M16 :         -----CCTCCCTC--
M17 :         -----CCTTCTCT--
M18 :         --CCCTCCTC-----
M19 :         -CTTTCCT-----
M20 :         -TCTCTCCT-----
M21 :         -----CCCTTCCC---
M22 :         CCCCACC-----

```

## Stamp Results

10/01/13

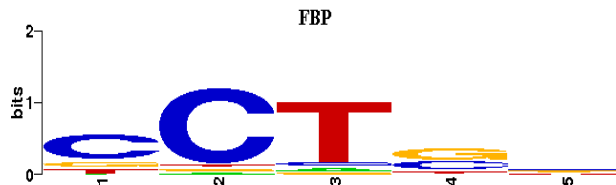
M23: ----TCCCTCCC----  
M24: -----CTCTGCAG---  
M25: ---CTGCCTCT-----  
M26: ---AGGCCTGG-----  
M27: -----CTGCTTCC-  
M28: -----CCTCTGCT--  
M29: -CAGCTCCT-----  
M30: ---CAGCCTCC-----  
M31: --CAGGCCTG-----  
M32: -CCACCCCC-----  
M33: -----CCTCCCCT--  
M34: -CAGAGCCT-----  
M35: ---TCCCCTCC-----  
M36: ----TTCCTCAG----  
M37: -----CCTCTCCC--  
M38: --CCTGCCTG-----  
M39: -TCTTCCT-----  
M40: -----GGCTGCAG---  
M41: -CCCAGCCT-----  
M42: -----CCTCCCAG--  
M43: -CTGGGCCT-----  
M44: --CAGCTCTG-----  
M45: -----TCCTCCAG---  
M46: --CTGCCCTG-----  
M47: -TGGCTCCT-----  
M48: ---GGCTCTGG-----  
M49: -----GGCTGGGG---  
M50: -----CTGCTGGG-  
M51: -----CTGGCTCC-  
M52: -----CCCTTTCT---  
M53: ---GGGCCTGG-----  
M54: ---CAGCCTGG-----  
M55: ---CTGCCTGC-----  
M56: -----GCCTCTGC---  
M57: ---AGAGCTGG-----  
M58: -----TCCTGGGA---  
M59: -----GCTCTGGG---  
M60: -----CTGGGGAG-  
M61: -----CTCTGTCC---  
M62: ---GAGCTGGG-----  
M63: -----CCCTCTCC---  
M64: ---AGGCCTCT-----  
M65: -----CTGTGGCT-

## Stamp Results

10/01/13

```
M66: ----CCCCTTCC----
M67: -GGCTTCCT-----
M68: -CTGTCCCT-----
M69: -----GCCTGGAG---
M70: -----CCTGGGCTC--
M71: ----AGCCTCAG----
M72: -----CCTGGGCC--
M73: -----CCTGGAGG--
M74: -TGCTGCCT-----
M75: ---CACCCCA-----
M76: --GCCTCCTG-----
M77: ----GGGCTGAG----
M78: -----GCCTGGGC---
M79: ---TTCCTTC-----
M80: -----CTGCTCAG-
M81: -----CCGCCGCC--
M82: -----GCTGGGCT--
M83: ---AGAGCTGC-----
M84: -TCTGGCCT-----
M85: ---TTCTCTGA-----
M86: -----CCACCCCA--
M87: ---GGAGCTGC-----
M88: ----GGCCTCCC----
M89: ----TCCTGAAA----
M90: --GTTTCCTG-----
M91: ----CTTCTGCC----
M92: ----GCCCGGCC----
M93: --AGGCCTCC-----
M94: --CTGGCCTC-----
M95: -----GCTGGGCTG--
M96: -----CCTGCCCA--
M97: ----TGGCTGCC----
```

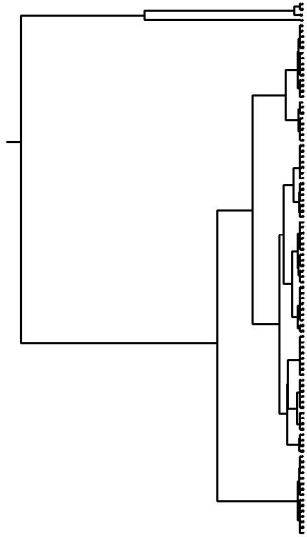
**Familial Profile:**  
**(click for matrix)**



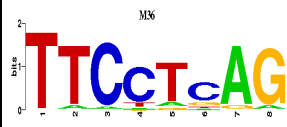

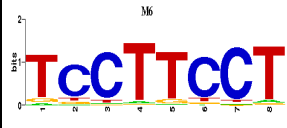

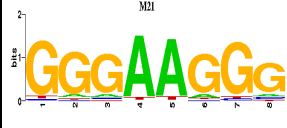

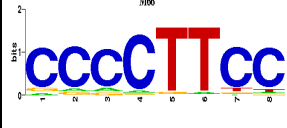

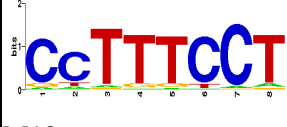

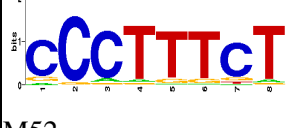

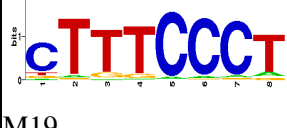
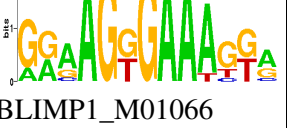

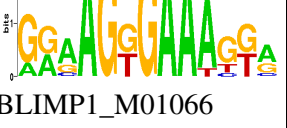
# Motif Tree

Tree (drawn by [Phylip](#))

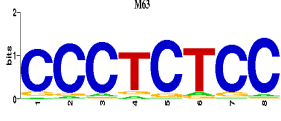


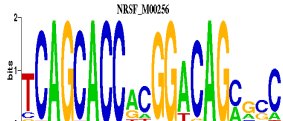




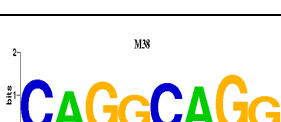


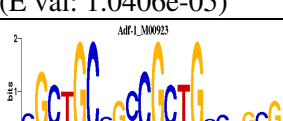



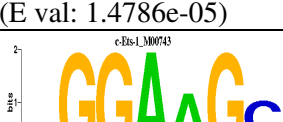
[Click here for Newick-format tree](#) (viewable with [MEGA](#))

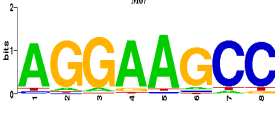








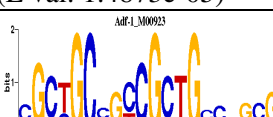



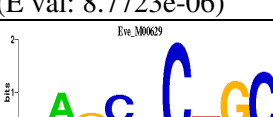




Input Motif	Best match in TRANSFAC
<p>M0</p>	<p>Hb_M00022 (E val: 1.1154e-06)</p>
<p>M9</p>	<p>Dof_M01136 (E val: 4.1225e-05)</p>
<p>M1</p>	<p>MEF-2_M00405 (E val: 2.6452e-06)</p>
<p>M5</p>	<p>CACD_M01113 (E val: 1.2302e-05)</p>
<p>M2</p>	<p>AG_M01133 (E val: 8.5125e-08)</p>
<p>M3</p>	<p>Helios_M01004 (E val: 2.7285e-11)</p>
<p>M90</p>	<p>STAT5A_M00457 (E val: 1.3360e-06)</p>
<p>M13</p>	<p>PU.1_M00658 (E val: 1.3360e-06)</p>

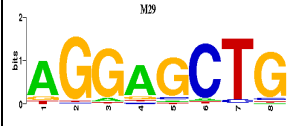

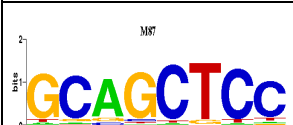






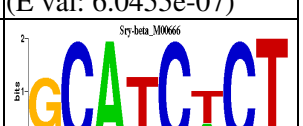

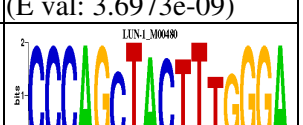



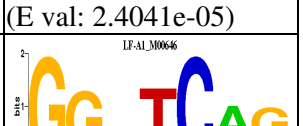
	(E val: 4.9837e-11)
 <p>M36</p>	 <p>PU.1_M00658 PU.1_M00658 (E val: 3.4878e-07)</p>
 <p>M6</p>	 <p>Tel-2_M00678 Tel-2_M00678 (E val: 1.0827e-07)</p>
 <p>M21</p>	 <p>UF1H3BETA_M01068 UF1H3BETA_M01068 (E val: 3.2717e-07)</p>
 <p>M66</p>	 <p>UF1H3BETA_M01068 UF1H3BETA_M01068 (E val: 4.1027e-06)</p>
 <p>M12</p>	 <p>PBF_M01130 PBF_M01130 (E val: 2.2879e-06)</p>
 <p>M52</p>	 <p>PBF_M01130 PBF_M01130 (E val: 2.6014e-06)</p>
 <p>M19</p>	 <p>BLIMP1_M01066 BLIMP1_M01066 (E val: 3.4143e-10)</p>
 <p>M68</p>	 <p>BLIMP1_M01066 BLIMP1_M01066 (E val: 4.6393e-06)</p>

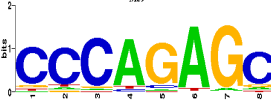


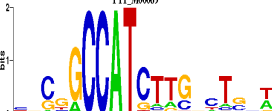
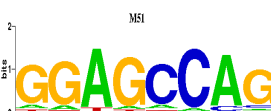

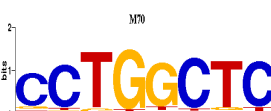

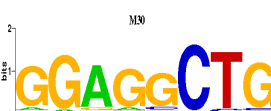







<p>M39</p>	<p>MAF_M00648 (E val: 8.5862e-06)</p>
<p>M79</p>	<p>BLIMP1_M01066 (E val: 4.5275e-09)</p>
<p>M4</p>	<p>IRF_M00972 (E val: 2.0111e-08)</p>
<p>M17</p>	<p>GATA-1_M00347 (E val: 2.6136e-05)</p>
<p>M85</p>	<p>STE11_M01005 (E val: 1.4179e-04)</p>
<p>M7</p>	<p>GAGA_M00723 (E val: 1.2447e-06)</p>
<p>M20</p>	<p>TBX5_M01044 (E val: 2.0333e-04)</p>
<p>M37</p>	<p>MAZ_M00649 (E val: 1.1181e-06)</p>
<p></p>	<p></p>

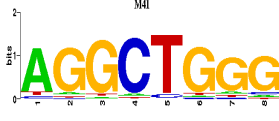

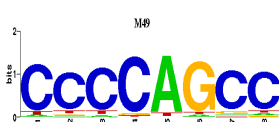



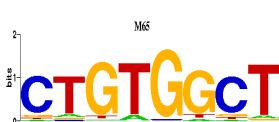
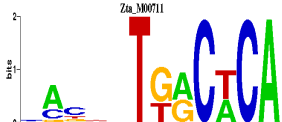
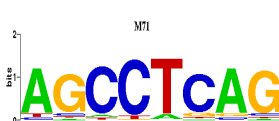

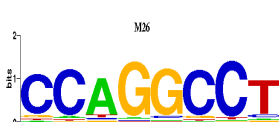

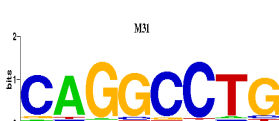

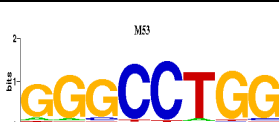

 <p><b>M63</b></p>	 <p><b>UF1H3BETA_M01068</b> (E val: 4.7948e-06)</p>
 <p><b>M61</b></p>	 <p><b>NRSF_M00256</b> (E val: 1.8359e-07)</p>
 <p><b>M14</b></p>	 <p><b>SMAD3_M00701</b> (E val: 3.2274e-06)</p>
 <p><b>M25</b></p>	 <p><b>PU.1_M00658</b> (E val: 3.1806e-06)</p>
 <p><b>M38</b></p>	 <p><b>E2A_M00973</b> (E val: 1.0406e-05)</p>
 <p><b>M55</b></p>	 <p><b>Adf-1_M00923</b> (E val: 1.5886e-06)</p>
 <p><b>M74</b></p>	 <p><b>v-Maf_M00035</b> (E val: 1.4786e-05)</p>
 <p><b>M27</b></p>	 <p><b>c-Ets-1_M00743</b> (E val: 1.3090e-06)</p>

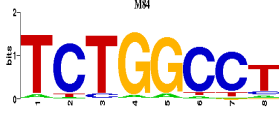

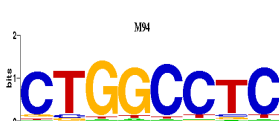

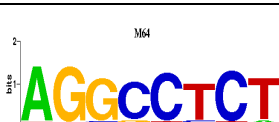





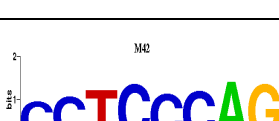




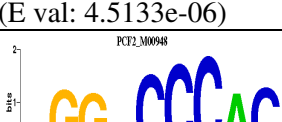
<p>M67</p>  <p>M67</p>	<p>c-Ets-1_M00743</p>  <p>c-Ets-1_M00743 (E val: 1.7507e-09)</p>
<p>M15</p>  <p>M15</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.5533e-06)</p>
<p>M50</p>  <p>M50</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.4148e-06)</p>
<p>M24</p>  <p>M24</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.4873e-05)</p>
<p>M40</p>  <p>M40</p>	<p>Adf-1_M00923</p>  <p>Adf-1_M00923 (E val: 4.3632e-06)</p>
<p>M28</p>  <p>M28</p>	<p>TAL1_M00993</p>  <p>TAL1_M00993 (E val: 8.7723e-06)</p>
<p>M56</p>  <p>M56</p>	<p>Eve_M00629</p>  <p>Eve_M00629 (E val: 8.0492e-05)</p>
<p>M91</p>  <p>M91</p>	<p>TAL1_M00993</p>  <p>TAL1_M00993 (E val: 2.1927e-04)</p>

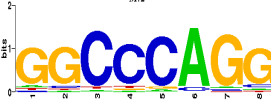

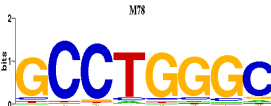

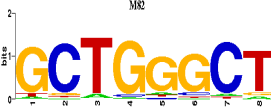

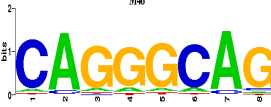

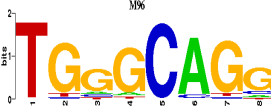



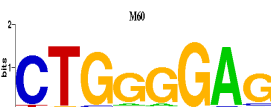
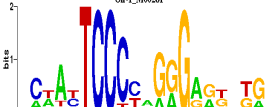




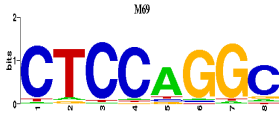

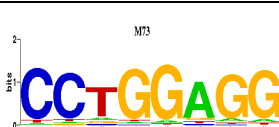
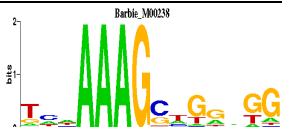

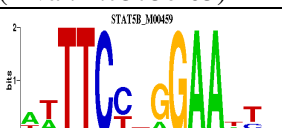
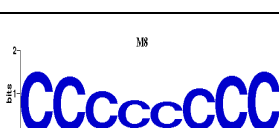


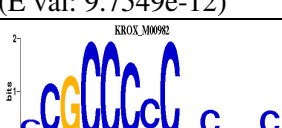





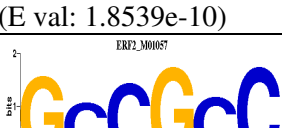
<p>M29</p>  <p>M29</p>	<p>LUN-1_M00480</p>  <p>LUN-1_M00480 (E val: 3.4441e-06)</p>
<p>M87</p>  <p>M87</p>	<p>LBP-1_M00644</p>  <p>LBP-1_M00644 (E val: 1.0756e-07)</p>
<p>M44</p>  <p>M44</p>	<p>Sry-beta_M00666</p>  <p>Sry-beta_M00666 (E val: 8.8708e-06)</p>
<p>M57</p>  <p>M57</p>	<p>HEB_M00698</p>  <p>HEB_M00698 (E val: 6.0455e-07)</p>
<p>M83</p>  <p>M83</p>	<p>Sry-beta_M00666</p>  <p>Sry-beta_M00666 (E val: 3.6973e-09)</p>
<p>M62</p>  <p>M62</p>	<p>LUN-1_M00480</p>  <p>LUN-1_M00480 (E val: 2.6776e-07)</p>
<p>M34</p>  <p>M34</p>	<p>LF-A1_M00646</p>  <p>LF-A1_M00646 (E val: 2.4041e-05)</p>
<p>M48</p>  <p>M48</p>	<p>LF-A1_M00646</p>  <p>LF-A1_M00646 (E val: 3.6837e-05)</p>
<p></p>	<p></p>

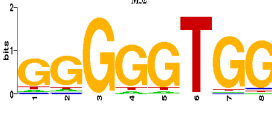

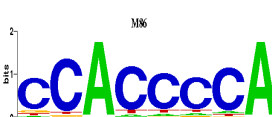

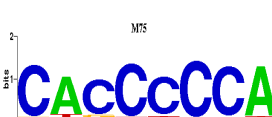





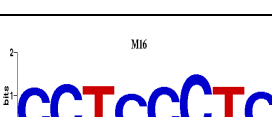




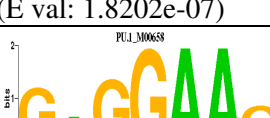
 <p>M59</p>	 <p>STAT_M00777 (E val: 5.8682e-04)</p>
 <p>M47</p>	 <p>YY1_M00069 (E val: 7.0962e-06)</p>
 <p>M51</p>	 <p>BRK_M01096 (E val: 2.3203e-05)</p>
 <p>M70</p>	 <p>BRK_M01096 (E val: 2.3653e-05)</p>
 <p>M30</p>	 <p>SMAD4_M00733 (E val: 4.9724e-05)</p>
 <p>M54</p>	 <p>AP-2_M00800 (E val: 4.4664e-05)</p>
 <p>M95</p>	 <p>SMAD4_M00733 (E val: 3.4079e-08)</p>
 <p>M97</p>	 <p>SMAD4_M00733 (E val: 2.8897e-08)</p>

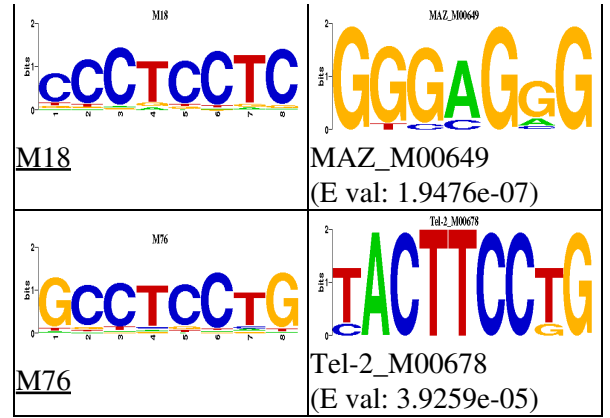
<p>M41</p>  <p>M41</p>	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 9.4323e-10)</p>
<p>M49</p>  <p>M49</p>	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 2.6445e-07)</p>
<p>M77</p>  <p>M77</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 9.7494e-10)</p>
<p>M65</p>  <p>M65</p>	<p>Zta_M00711</p>  <p>Zta_M00711 (E val: 1.9485e-05)</p>
<p>M71</p>  <p>M71</p>	<p>AP-2alphaA_M01047</p>  <p>AP-2alphaA_M01047 (E val: 5.7630e-07)</p>
<p>M26</p>  <p>M26</p>	<p>AP-2_M00915</p>  <p>AP-2_M00915 (E val: 2.2495e-04)</p>
<p>M31</p>  <p>M31</p>	<p>ZBRK1_M01105</p>  <p>ZBRK1_M01105 (E val: 5.3716e-04)</p>
<p>M53</p>  <p>M53</p>	<p>MTF-1_M00650</p>  <p>MTF-1_M00650 (E val: 1.9341e-04)</p>

 <p><b>M84</b></p>	 <p><b>BRK_M01096</b> (E val: 2.3269e-05)</p>
 <p><b>M94</b></p>	 <p><b>BRK_M01096</b> (E val: 2.0646e-05)</p>
 <p><b>M64</b></p>	 <p><b>HSF_M00641</b> (E val: 6.0002e-04)</p>
 <p><b>M93</b></p>	 <p><b>ERF2_M01057</b> (E val: 2.1579e-04)</p>
 <p><b>M88</b></p>	 <p><b>MAZ_M00649</b> (E val: 2.3284e-07)</p>
 <p><b>M42</b></p>	 <p><b>Lyf-1_M00141</b> (E val: 4.8084e-08)</p>
 <p><b>M58</b></p>	 <p><b>STAT5B_M00459</b> (E val: 4.5133e-06)</p>
 <p><b>M43</b></p>	 <p><b>PCF2_M00948</b> (E val: 8.0634e-06)</p>

<p>M72</p>  <p>M72</p>	<p>PCF2_M00948</p>  <p>PCF2_M00948 (E val: 8.4131e-06)</p>
<p>M78</p>  <p>M78</p>	<p>AP-2_M00915</p>  <p>AP-2_M00915 (E val: 4.1057e-07)</p>
<p>M82</p>  <p>M82</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 2.2398e-05)</p>
<p>M46</p>  <p>M46</p>	<p>HNF4_M01033</p>  <p>HNF4_M01033 (E val: 1.1556e-04)</p>
<p>M96</p>  <p>M96</p>	<p>Sp3_M00665</p>  <p>Sp3_M00665 (E val: 7.9347e-07)</p>
<p>M80</p>  <p>M80</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 3.4443e-06)</p>
<p>M60</p>  <p>M60</p>	<p>Olf-1_M00261</p>  <p>Olf-1_M00261 (E val: 3.0272e-07)</p>
<p>M45</p>  <p>M45</p>	<p>Barbie_M00238</p>  <p>Barbie_M00238 (E val: 2.3935e-05)</p>

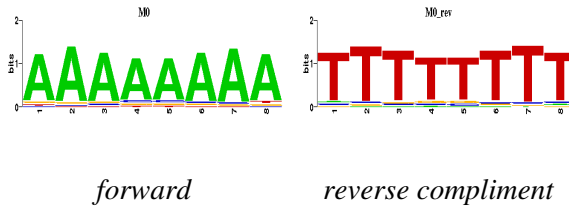
<p>M69</p>  <p>M69</p>	<p>AP-2_M00915</p>  <p>AP-2_M00915 (E val: 7.7053e-06)</p>
<p>M73</p>  <p>M73</p>	<p>Barbie_M00238</p>  <p>Barbie_M00238 (E val: 1.7575e-05)</p>
<p>M89</p>  <p>M89</p>	<p>STAT5B_M00459</p>  <p>STAT5B_M00459 (E val: 1.3350e-05)</p>
<p>M8</p>  <p>M8</p>	<p>MAZR_M00491</p>  <p>MAZR_M00491 (E val: 9.7549e-12)</p>
<p>M22</p>  <p>M22</p>	<p>KROX_M00982</p>  <p>KROX_M00982 (E val: 1.4564e-07)</p>
<p>M35</p>  <p>M35</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 2.1790e-07)</p>
<p>M92</p>  <p>M92</p>	<p>GC_M00255</p>  <p>GC_M00255 (E val: 1.8539e-10)</p>
<p>M81</p>  <p>M81</p>	<p>ERF2_M01057</p>  <p>ERF2_M01057 (E val: 4.9349e-09)</p>

<p>M32</p>  <p>M32</p>	<p>GBF_M00633</p>  <p>GBF_M00633 (E val: 1.3830e-09)</p>
<p>M86</p>  <p>M86</p>	<p>SREBP-1_M00221</p>  <p>SREBP-1_M00221 (E val: 8.0400e-09)</p>
<p>M75</p>  <p>M75</p>	<p>GBF_M00633</p>  <p>GBF_M00633 (E val: 8.3378e-14)</p>
<p>M10</p>  <p>M10</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 1.9731e-07)</p>
<p>M23</p>  <p>M23</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 1.9184e-11)</p>
<p>M16</p>  <p>M16</p>	<p>TFII-I_M00706</p>  <p>TFII-I_M00706 (E val: 6.9011e-13)</p>
<p>M33</p>  <p>M33</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 1.8202e-07)</p>
<p>M11</p>  <p>M11</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 3.5895e-06)</p>



### Motif Similarity Matches

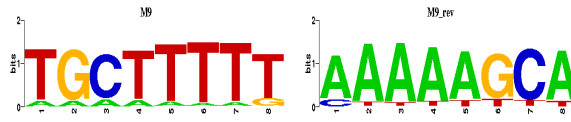
**M0**



Name	E value	Alignment	Motif
Hb_M00022	1.1154e-06	AAAAAAAAA- MRNAAAAAN	
MEF-2_M00006	2.2724e-06	---AAAAAAAA--- TCTAAAATAACYCY	
MEF-2_M00406	2.9936e-06	---TTTTTTTT--- NGGTTATTTTTAGM	
aMEF-2_M00403	4.3603e-06	---AAAAAAAA--- KGN Y T A A A A T A N C Y M M	
MEF-2_M00405	5.3334e-06	--TTTTTTTT--- R G K N W T T T T T A N N S M	



**M9**

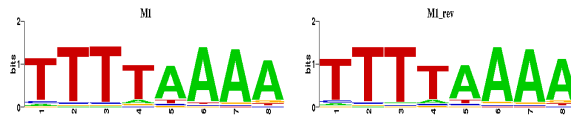


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Dof_M01136	4.1225e-05	-TGCTTTTT- NNNCTTTTTN	
Barbie_M00238	6.4323e-05	-----TGCTTTTT- CMNNCNSCTTTNNN	
AG_M01133	1.7806e-04	-----AAAAAGCA--- TWNCAAAAAWGGNAAN	
dI_M00043	1.8298e-04	TGCTTTTT--- -GGTTTTTCN	
MEF-2_M00941	4.1440e-04	-----AAAAAGCA NTAAAAATAGC-	

**M1**

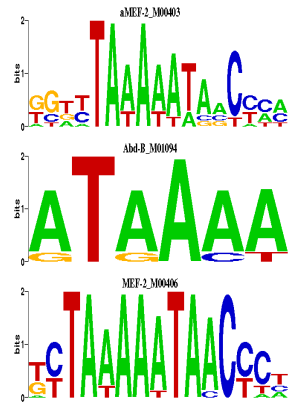


*forward*

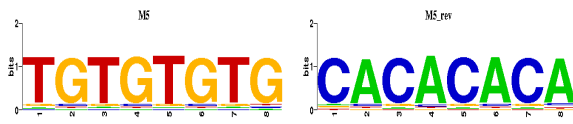
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MEF-2_M00405	2.6452e-06	-----TTTTAAAA- RGKNWTTTTTANNM	
TATA_M00216	5.7172e-06	-TTTTAAAA NTTTTATAG	

aMEF-2_M00403	1.7847e-05	-TTTTAAAA----- KGN YTAAAAATANCYMM
Abd-B_M01094	2.5329e-05	TTTTAAAA --ATAAAA
MEF-2_M00406	1.3177e-04	-----TTTTAAAA NGGGTTATTTTTAGM-



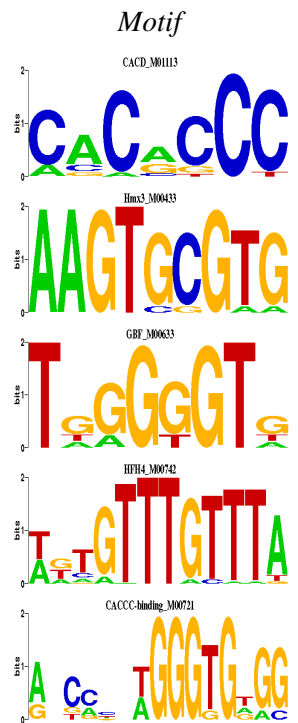
**M5**



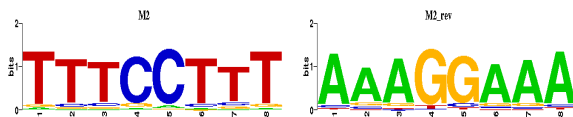
*forward*

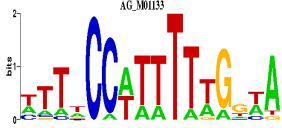




*reverse compliment*

Name	E value	Alignment
CACD_M01113	1.2302e-05	TGTGTGTG -GGGYGTG
Hmx3_M00433	6.2790e-05	-TGTGTGTG AAGTGC GTG
GBF_M00633	7.9954e-05	CACACACA NACCCNA
HFH4_M00742	8.3485e-05	----CACACACA TAAACAAACAMW
CACCC-binding_M00721	8.6257e-05	-----TGTGTGTG- ANCMNNWGGGTGNGG

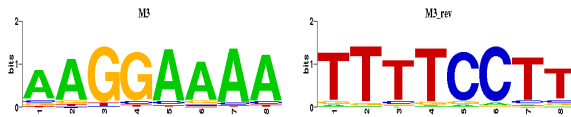


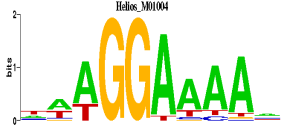
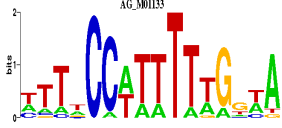
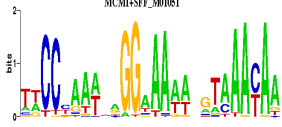

**M2**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AG_M01133	8.5125e-08	-----AAAGGAAA-- TWNCAAAAAWGGNAAN	
Helios_M01004	1.6762e-07	--TTTCCTTT NTTTCCTWN	
PBF_M01130	2.2662e-06	TTTCCTTT ---CCTTT	
BLIMP1_M01066	6.6245e-06	--AAAGGAAA--- GRAAGKGAAAGKR	
MADS-A_M00408	6.6515e-06	-----AAAGGAAA NWNNAAAAATGGAAA	

**M3**

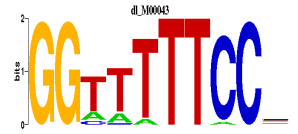


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Helios_M01004	2.7285e-11	-TTTTCCTT- NTTTCCTWN	
AG_M01133	3.8858e-07	-----AAGGAAAA TWNCAAAAAWGGNAAN	
MCM1+SFF_M01051	5.9584e-06	-----AAGGAAAA----- TNCNAAWNNGGNAAWANNNTAAAYAA	
BLIMP1_M01066	1.1459e-05	---TTTTCCTT-- YMCTTTCMCTTYC	

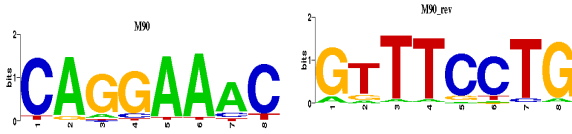
dl\_M00043

1.5519e-05

---TTTTCCTT  
GGTTTTCCN-



**M90**

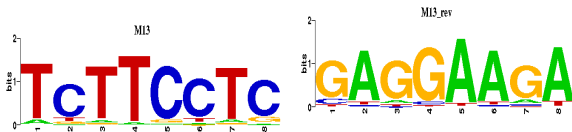


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
STAT5A_M00457	1.3360e-06	-GTTTCCTG----- NRNTTCCNRGAANY	
STAT5B_M00459	1.6356e-06	-----CAGGAAAC NRNTTCCNGGAAWN	
Tel-2_M00678	6.9285e-06	CAGGAAAC- CAGGAAGTA	
Rim101p_M01030	8.6268e-06	GTTTCCTG -TTNCTTG	
STAT5A_M00460	1.1854e-05	---CAGGAAAC----- YNCNNGGAANNNNNTTCNNNGA	

**M13**



*forward*

*reverse compliment*

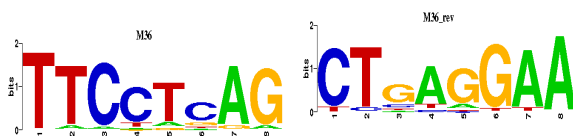
Name	E value	Alignment	Motif
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Stamp Results

10/01/13

PU.1_M00658	4.9837e-11	GAGGAAGA GAGGAAG-	
GCR1_M00046	1.2014e-08	GAGGAAGA GWGGAAGC	
Ets_M00971	2.2270e-07	GAGGAAGA NAGGAAG-	
Elf-1_M00746	2.8109e-07	TCTTCCTC--- AYTTCCTCTTN	
PEA3_M00655	9.5094e-07	GAGGAAGA -MGGAWG-	

M36



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	3.4878e-07	-TTCCTCAG CTTCCTC--	
XPF-1_M00684	6.6620e-07	-TTCCTCAG GKTSNYCNG	
GCR1_M00046	2.1118e-05	CTGAGGAA-- --GWGGAAGC	
Elf-1_M00746	4.1240e-05	--TTCCTCAG- AYTTCCTCTTN	

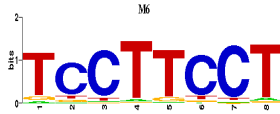
Ets\_M00971

2.1433e-04

CTGAGGAA--  
--NAGGAAG



**M6**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

Tel-2\_M00678

1.0827e-07

-AGGAAGGA  
CAGGAAGTA



Ets\_M00971

2.3838e-07

-AGGAAGGA  
NAGGAAG--



PU.1\_M00658

4.2021e-07

-AGGAAGGA  
GAGGAAG--



PEA3\_M00655

1.0022e-06

AGGAAGGA  
MGGAWG--



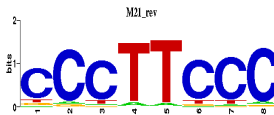
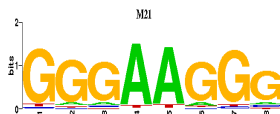
c-Ets-1\_M00743

1.9610e-06

TCCTTCCT  
-GCTTCK



**M21**



*forward*

*reverse compliment*

*Name*

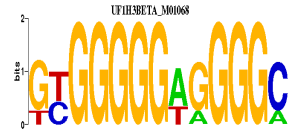
*E value*

*Alignment*

*Motif*

UF1H3BETA\_M01068 3.2717e-07

-CCCTTCCC-----  
GCCCCCTCCCCRC



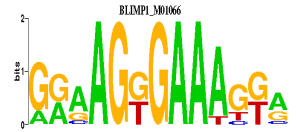
MAZ\_M00649 3.6317e-06

GGGAAGGG  
GGGAGGG-



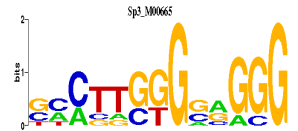
BLIMP1\_M01066 7.3801e-06

-----CCCTTCCC  
YMCTTTCMCTTYC-



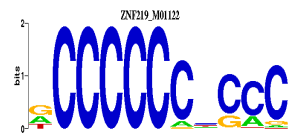
Sp3\_M00665 2.7998e-05

-----GGGAAGGG  
SMCTTGGGSRGGG

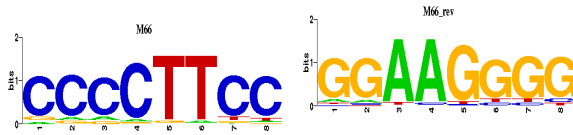


ZNF219\_M01122 3.3010e-05

---CCCTTCCC  
NCCCCCNCCC



**M66**



*forward*

*reverse compliment*

*Name* *E value*

*Alignment*

*Motif*

UF1H3BETA\_M01068 4.1027e-06

----GGAAGGGG-  
GYGGGGGAGGGGC



MAZ\_M00649 5.0433e-06

CCCCTTCC  
-CCCTCCC



BLIMP1\_M01066 6.4688e-06

-----CCCCTTCC  
YMCTTTCMCTTYC



STRE\_M00308 1.9249e-05

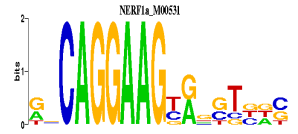
-CCCCTTCC  
NCCCCT---



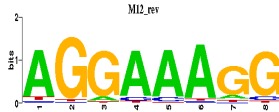
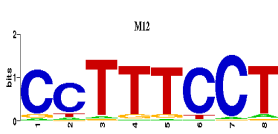
NERF1a\_M00531

3.1067e-05

-----CCCCTTCC-----  
SNNASNYRCTTCCTGNY



**M12**

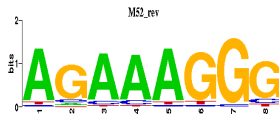
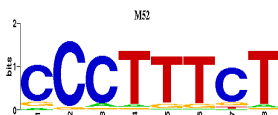


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
PBF_M01130	2.2879e-06	CCTTTCCT CCTTT---	
BLIMP1_M01066	7.5112e-06	-CCTTTCCT----- YMCTTTCMCTTYC	
BPC1_M01126	1.2465e-05	CCTTTCCT -NTTTC--	
Helios_M01004	2.2399e-05	CCTTTCCT-- NTTTCCTWN	
NF-kappaB_M00208	1.4330e-04	AGGAAAGG--- NGGAAARTCCC	

**M52**



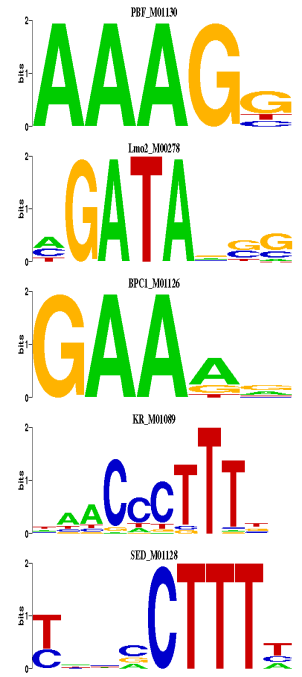
*forward*

*reverse compliment*

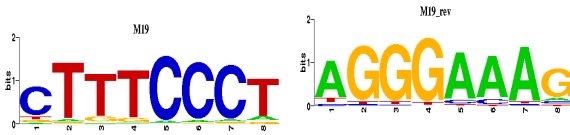
Name	E value	Alignment	Motif
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PBF_M01130	2.6014e-06	CCCTTTCT -CCTTT--
Lmo2_M00278	1.6770e-05	CCCTTTCT CSNTATCK
BPC1_M01126	2.2016e-05	CCCTTTCT --NTTTC-
KR_M01089	3.2924e-05	AGAAAGGG--- NNAAAGGGTNN
SED_M01128	6.9628e-05	AGAAAGGG-- -NAAAGNNNA



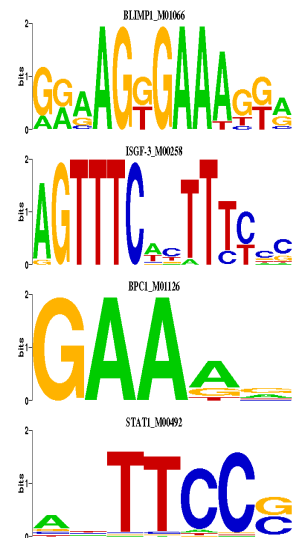
**M19**



*forward*

*reverse compliment*

Name	E value	Alignment
BLIMP1_M01066	3.4143e-10	--CTTTCCT-- YMCTTTCMCTTYC
ISGF-3_M00258	1.6611e-06	-----CTTTCCT AGTTTCWNTTTCNC-
BPC1_M01126	1.4281e-05	CTTTCCT NTTTC---
STAT1_M00492	3.8085e-05	AGGAAAG -SGAANT



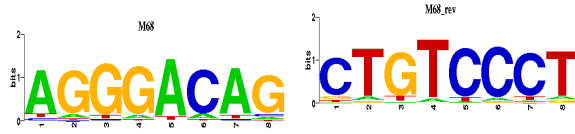
E2F\_M01114

4.9531e-05

--AGGGAAAG  
NGCGGGAAAN



**M68**

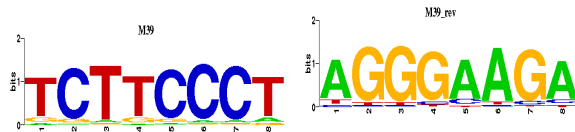


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
BLIMP1_M01066	4.6393e-06	--CTGTCCCT-- YMCTTTCMCTTYC	
NRSF_M00256	2.8231e-05	----CTGTCCCT----- GSYGCTGTCCGTGGTGCTGA	
LF-A1_M00646	3.7749e-05	AGGGACAG -GGSTCWR	
NRSF_M01028	6.2275e-05	-----AGGGACAG-- TCAGCACCRYGGACAGNR	
TEIL_M00502	1.1670e-04	CTGTCCCT -TGWAYCT	

**M39**

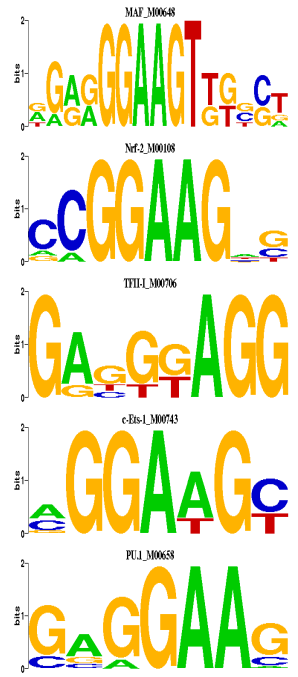


*forward*

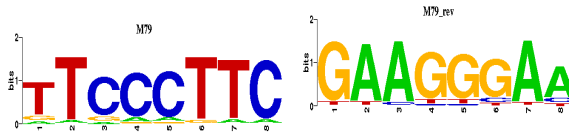
*reverse compliment*

Name	E value	Alignment	Motif
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MAF_M00648	8.5862e-06	-----TCTTCCCT-- NSNMMACTTCCYYCN
Nrf-2_M00108	1.2436e-05	-TCTTCCCT SNCTTCCGG
TFII-I_M00706	1.4670e-04	TCTTCCCT- -CCTMCNTC
c-Ets-1_M00743	2.3259e-04	TCTTCCCT GCTTCK-
PU.1_M00658	2.3321e-04	TCTTCCCT -CTTCTC



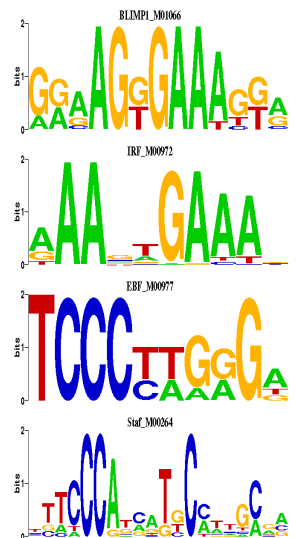
**M79**



*forward*

*reverse compliment*

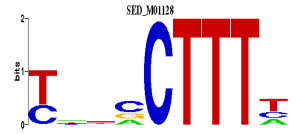
Name	E value	Alignment	Motif
BLIMP1_M01066	4.5275e-09	----TTCCCTTC- YMCTTTCMCTTYC	BLIMP1_M01066
IRF_M00972	1.6238e-04	--TTCCCTTC NITTCWNITT	IRF_M00972
EBF_M00977	1.6464e-04	---GAAGGGAA NCYCWRGGGA-	EBF_M00977
Statf_M00264	1.8700e-04	-TTCCCTTC----- NNTCCANNNTNCMNGCNN	Statf_M00264



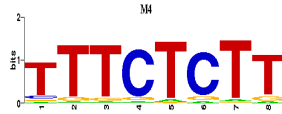
SED\_M01128

2.0763e-04

-GAAGGGAA  
NAAAGNNNA



**M4**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

IRF\_M00972

2.0111e-08

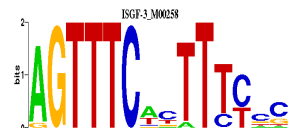
-TTTCTCTT-  
NTTTCWNNTT



ISGF-3\_M00258

3.7875e-08

----AAGAGAAA--  
GNGAAANWGAAACT



HSF\_M00163

1.0679e-06

----TTTCTCTT-  
NTTCTNTTCTNTTC



HSF\_M00164

1.0679e-06

----TTTCTCTT-  
AGAANNTTCTNTTC



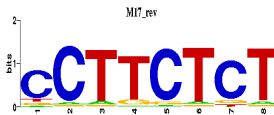
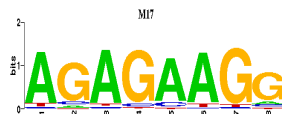
Elf-1\_M00746

2.3387e-06

--TTTCTCTT-  
AYTTCCTCTTN



**M17**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

GATA-1\_M00347 2.6136e-05

-AGAGAAGG  
NAGATAANR



Sry-beta\_M00666 3.4031e-05

AGAGAAGG  
AGWGATGC



Lmo2\_M00278 5.6418e-05

CCTTCTCT  
CSNTATCK



GATA-2\_M00349 9.7313e-05

CCTTCTCT-  
TNTTATCTS

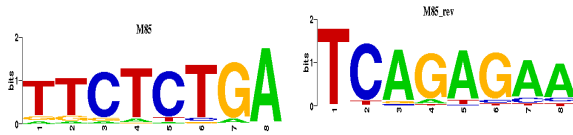


GATA-3\_M00350 1.3868e-04

CCTTCTCT-  
TNTTATCTY



**M85**



*forward*

*reverse compliment*

*Name* *E value*

*Alignment*

*Motif*

STE11\_M01005 1.4179e-04

-TTTCTCTGA--  
TTTCTTTGTTC



Alx-4\_M00619 4.1988e-04

-----TTTCTCTGA  
GATTATTCTCAG-



GATA-1\_M00346 8.4927e-04

--TTTCTCTGA  
NNTTATCNN-



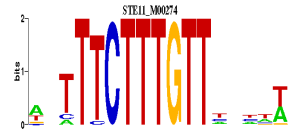
Evi-1\_M00080 8.6510e-04

TTTCTCTGA--  
TTATCTTATC

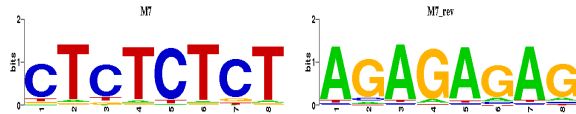


STE11\_M00274 9.5283e-04

---TTCTCTGA-----  
WNTTCTTTGTNNNNW



**M7**

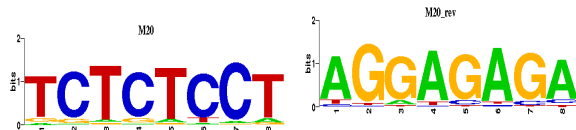


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
GAGA_M00723	1.2447e-06	-CTCTCTCT- TYNCKCTCWS	
SMAD3_M00701	5.1309e-05	AGAGAGAG AGNCAGAC	
Retroviral_M00212	5.3712e-05	-AGAGAGAG----- NAGNRRRRRGNTTTATT	
TFII-I_M00706	3.4839e-04	-CTCTCTCT CCTMCNTC-	
ARF_M00438	1.2418e-03	AGAGAGAG -GAGACAA	



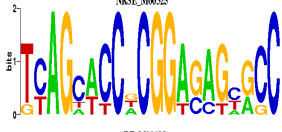


**M20**



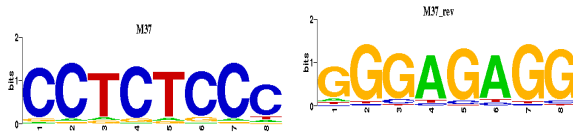
*forward*

*reverse compliment*

Name	E value	Alignment	Motif
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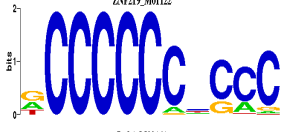

TBX5_M01044	2.0333e-04	-AGGAGAGA AAGGTGTGA	
MAZ_M00649	6.8265e-04	TCTCTCCT -CCCTCCC	
NRSE_M00325	8.4489e-04	-----AGGAGAGA--- TCAGCACCCNCGGAGAGYGCC	
ARF_M00438	9.2608e-04	AGGAGAGA- --GAGACAA	
HSF_M00163	1.0281e-03	--TCTCTCCT---- NTTCTNTTCTNTTC	

**M37**



*forward*

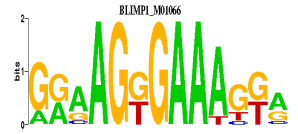
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	1.1181e-06	CCTCTCCC -CCCTCCC	
UF1H3BETA_M01068	4.5618e-06	---CCTCTCCC-- GCCCTCCCCRC	
ZNF219_M01122	3.0920e-05	GGGAGAGG--- GGGNGGGGGN	
Lyf-1_M00141	5.0342e-05	CCTCTCCC-- --YCTCCCAA	

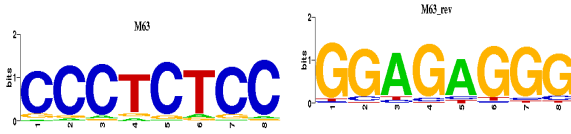
BLIMP1\_M01066

7.1231e-05

-CCTCTCCC-----  
YMCTTTCMCTTYC



**M63**

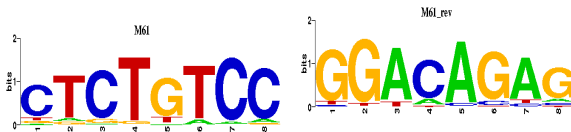


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
UF1H3BETA_M01068	4.7948e-06	---GGAGAGGG-- GYGGGGGAGGGGC	
MAZ_M00649	6.3081e-06	CCCTCTCC CCCTCCC-	
ZNF219_M01122	3.5704e-05	-GGAGAGGG-- GGGNGGGGGGN	
Sp1_M00933	1.0618e-04	-GGAGAGGG NGGGGMGGG	
Sp3_M00665	2.0861e-04	CCCTCTCC----- CCCYSCCAAGKS	

**M61**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
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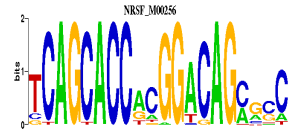


Stamp Results

10/01/13

NRSF\_M00256 1.8359e-07

--CTCTGTCC-----  
GSYGCTGTCCGTGGTGCTGA



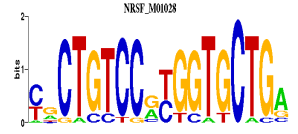
SMAD3\_M00701 3.4891e-06

GGACAGAG  
AGNCAGAC



NRSF\_M01028 2.0178e-05

-----GGACAGAG  
TCAGCACCRYGGACAGNR



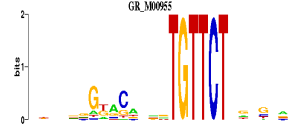
ZAP1\_M00735 5.3774e-05

-CTCTGTCC  
RCTCGGTCA

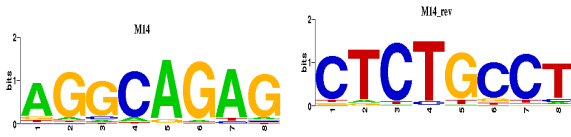


GR\_M00955 1.0954e-04

-----GGACAGAG-----  
NNNNNNGNCCNNNNTGTCTNNNNNN



**M14**



*forward*

*reverse compliment*

*Name E value*

*Alignment*

*Motif*

SMAD3\_M00701 3.2274e-06

CTCTGCCT  
GTCTGNCT



Dde\_M00304 5.2798e-06

AGGCAGAG-  
-GGCTGAGC



Nrf-2\_M00108 1.1288e-04

-AGGCAGAG  
CCGGAAGNS



Eve\_M00629 3.2023e-04

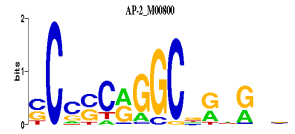
---CTCTGCCT  
NWSNCNGC--



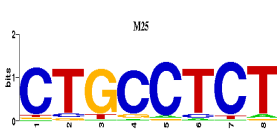
AP-2\_M00800

6.5128e-04

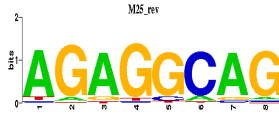
--CTCTGCCT-----  
NNYNYNGCCYGSSGS



**M25**



*forward*



*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

PU.1\_M00658

3.1806e-06

CTGCCTCT  
CTTCTC-



Elf-1\_M00746

5.4199e-06

-CTGCCTCT--  
AYTTCCTCTTN



GCR1\_M00046

1.5275e-04

AGAGGCAG-  
-GWGGAAGC



TFII-I\_M00706

1.6424e-04

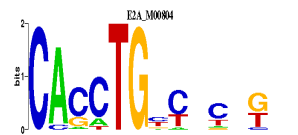
-CTGCCTCT  
CCTMCNTC-



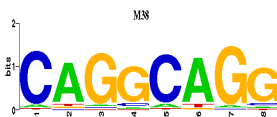
E2A\_M00804

1.9594e-04

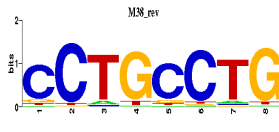
--AGAGGCAG---  
NMNGNGNCAGGTG



**M38**



*forward*








*reverse compliment*

*Name*

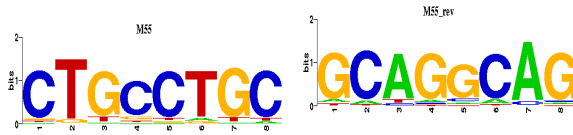
*E value*

*Alignment*

*Motif*

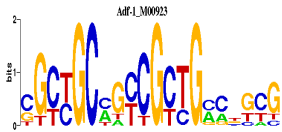

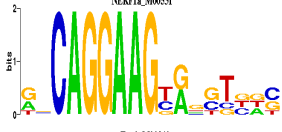

E2A_M00973	1.0406e-05	CAGGCAGG- --RNCAGNT	
Tel-2_M00678	3.6480e-05	CAGGCAGG- CAGGAAGTA	
E2A_M00804	1.2248e-04	---CAGGCAGG--- NMNGNGNCAGGTG	
TFII-I_M00706	1.7735e-04	CAGGCAGG GANGKAGG	
CAC-binding_M00720	2.1248e-04	-CCTGCCTG CCCASCCY-	

**M55**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Adf-1_M00923	1.5886e-06	-----CTGCCTGC- SGCYGCMGYCGCTGMMNKYG	
Tel-2_M00678	3.0191e-05	GCAGGCAG-- -CAGGAAGTA	
NERF1a_M00531	4.5854e-05	-----CTGCCTGC- SNNASNYRCTTCTGNY	
c-Ets-2_M00340	1.8365e-04	GCAGGCAG----- RCAGGAAGTNNNT	

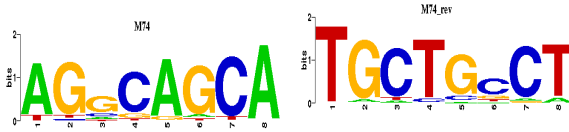
Ttk\_M00009

2.7395e-04

GCAGGCAG  
GCAGGAC-



**M74**

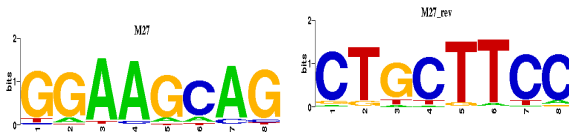


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
v-Maf_M00035	1.4786e-05	-----AGGCAGCA-- NNNTGCNNNGTCAGCANN	
LMAF_M01139	7.6325e-05	-TGCTGCCT CTGCTGAS-	
LBP-1_M00644	9.1802e-05	AGGCAGCA --SCAGCN	
c-Ets-1_M00743	1.4224e-04	TGCTGCCT -GCTTCK	
ERF2_M01057	1.5964e-04	AGGCAGCA -GGCGGC-	

**M27**





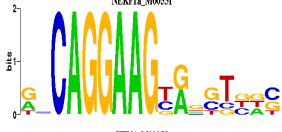
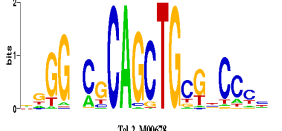

*forward*

*reverse compliment*

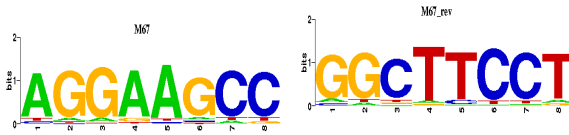
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Stamp Results

10/01/13





c-Ets-1_M00743	1.3090e-06	CTGCTTCC- --GCTTCK	
GCR1_M00046	1.7529e-06	--GGAAGCAG GWGGAAGC--	
NERF1a_M00531	2.6164e-06	-----CTGCTTCC----- SNNASNYRCTTCTGNY	
HEN1_M00058	6.8655e-06	---GGAAGCAG----- NNNGGNCGCAGCTGCGNCCNN	
Tel-2_M00678	6.2967e-05	--GGAAGCAG CAGGAAGTA-	

**M67**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
c-Ets-1_M00743	1.7507e-09	GGCTTCCT -GCTTCK	
GCR1_M00046	1.2545e-08	-AGGAAGCC GWGGAAGC-	
Ets_M00971	2.5387e-07	-AGGAAGCC NAGGAAG--	
GCR1_M00337	3.1355e-07	GGCTTCCT----- GGCTTCCACTWTT	

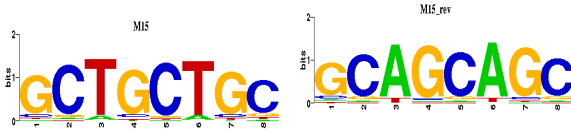
PU.1\_M00658

4.0082e-07

-AGGAAGCC  
GAGGAAG--



**M15**

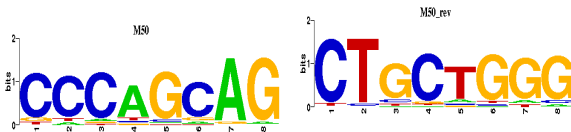


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
LMAF_M01139	1.5533e-06	GCTGCTGC- -CTGCTGAS	
Adf-1_M00171	2.1362e-06	-GCTGCTGC----- CGCYGCGYNGCNKN	
HEN1_M00058	5.1939e-06	-----GCTGCTGC----- NNGGNCGCAGCTGCGNCCNNN	
AP-4_M00927	1.1715e-05	GCAGCAGC RCAGCTGN	
HEB_M00698	1.2997e-05	GCAGCAGC -CAGCWGG	

**M50**



*forward*

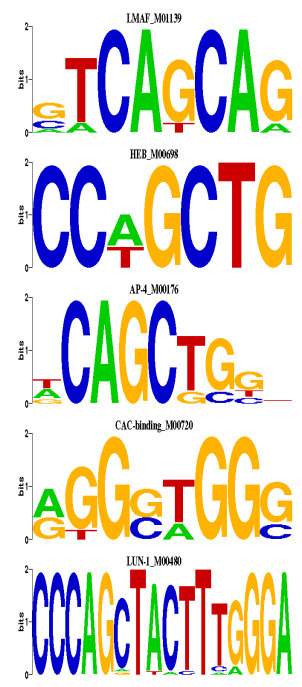
*reverse compliment*

Name	E value	Alignment	Motif
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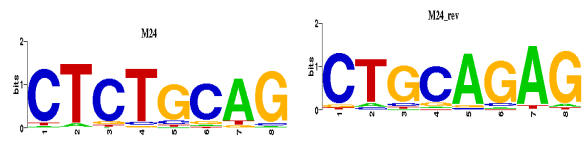
Stamp Results

10/01/13

LMAF_M01139	1.4148e-06	CTGCTGGG CTGCTGAS
HEB_M00698	9.7998e-06	CTGCTGGG CAGCWGG-
AP-4_M00176	1.1987e-04	-CTGCTGGG NCAGCTGNN
CAC-binding_M00720	1.2462e-04	CTGCTGGG RGGSTGGG
LUN-1_M00480	1.6990e-04	-----CTGCTGGG TCCCAAAGTAGCTGGG

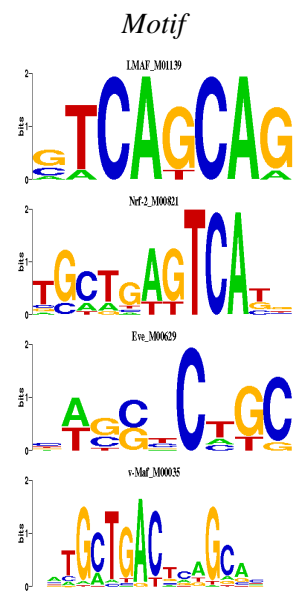


**M24**



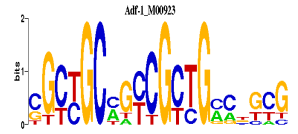
*forward*                      *reverse compliment*

Name	E value	Alignment
LMAF_M01139	1.4873e-05	CTCTGCAG STCAGCAG
Nrf-2_M00821	2.1120e-04	-----CTCTGCAG NNTGACTCAGCA-
Eve_M00629	4.2933e-04	CTGCAGAG--- --GCNGNSSWN
v-Maf_M00035	9.3229e-04	-----CTCTGCAG-- NNTGCTGACNNNGCANNN

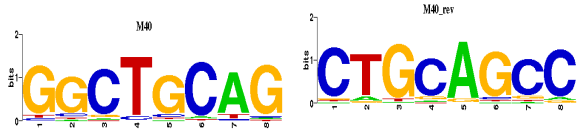


Adf-1\_M00923 1.0407e-03

-----CTGCAGAG  
CRMNKKCAGCGRCKGCRGCS



**M40**

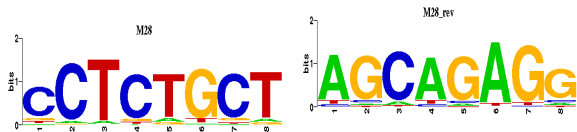


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Adf-1_M00923	4.3632e-06	--CTGCAGCC----- SGCYGCMGYCGCTGMMNKYG	
RCS1_M00753	9.4217e-05	----GGCTGCAG AANTGGGTGCAK	
LBP-1_M00644	1.2261e-04	CTGCAGCC --SCAGCN	
Adf-1_M00171	1.9590e-04	-----CTGCAGCC-- CGCYGCGYNGCNKN	
ERF2_M01057	3.0411e-04	GGCTGCAG GGCGGC--	

**M28**



*forward*

*reverse compliment*

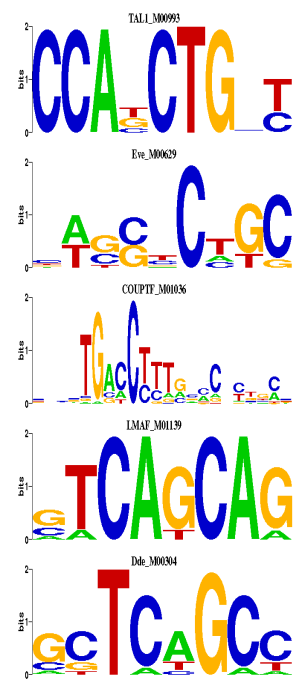
Name	E value	Alignment	Motif
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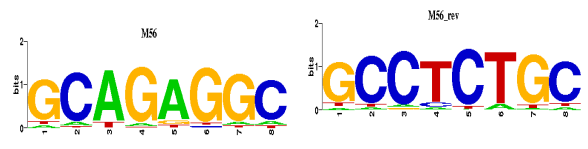
Stamp Results

10/01/13

TAL1_M00993	8.7723e-06	-CCTCTGCT CCANCTGNY
Eve_M00629	7.9062e-05	AGCAGAGG-- -GCNGNSSWN
COUPTF_M01036	4.9056e-04	AGCAGAGG----- NKNNRNGKNNAAAGGTCANNNN
LMAF_M01139	7.4114e-04	CCTCTGCT--- ---CTGCTGAS
Dde_M00304	1.1059e-03	AGCAGAGG GGCTGAGC



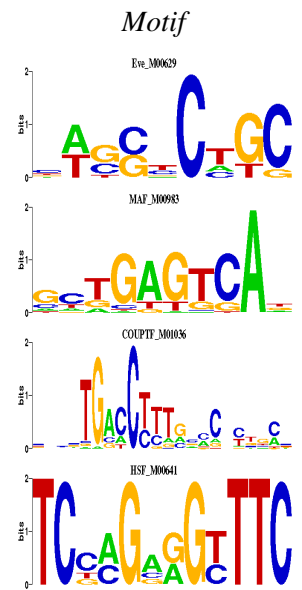
**M56**



*forward*

*reverse compliment*

Name	E value	Alignment
Eve_M00629	8.0492e-05	GCAGAGGC- GCNGNSSWN
MAF_M00983	1.0724e-04	--GCCTCTGC NTGACTCANC
COUPTF_M01036	2.8380e-04	-GCAGAGGC----- NKNNRNGKNNAAAGGTCANNNN
HSF_M00641	3.0636e-04	---GCCTCTGC- GAARCYNCKNGA

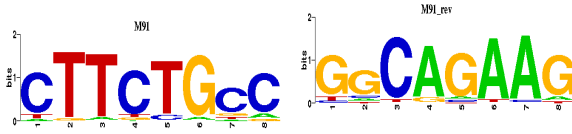


NF-E2\_M00037 3.9876e-04

--GCCTCTGC  
RTGACTCAGC



**M91**

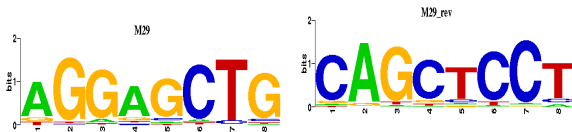


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	2.1927e-04	-CTTCTGCC CCANCTGNY	
PEND_M01015	2.3554e-04	-CTTCTGCC ACTTCTT--	
LMAF_M01139	5.4861e-04	CTTCTGCC CTGCTGAS	
SMAD3_M00701	1.1995e-03	-GGCAGAAG AGNCAGAC-	
Ttk_M00009	1.5783e-03	GGCAGAAG -GCAGGAC	

**M29**



*forward*

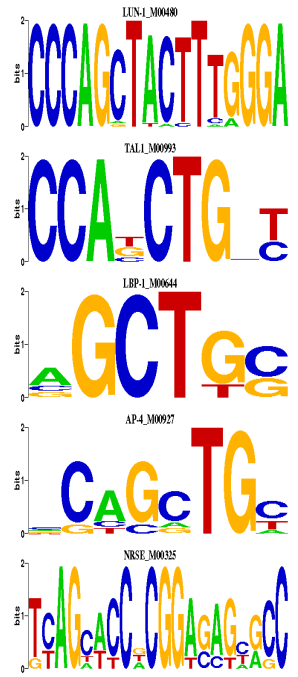
*reverse compliment*

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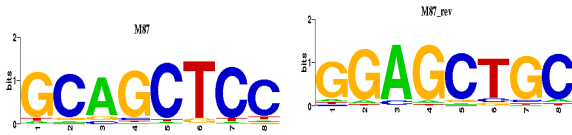
Stamp Results

10/01/13

LUN-1_M00480	3.4441e-06	-----AGGAGCTG-- TCCCAAAGTAGCTGGG
TAL1_M00993	6.3961e-06	AGGAGCTG- RNCAGNTGG
LBP-1_M00644	3.6071e-05	-CAGCTCCT SCAGCN---
AP-4_M00927	6.6567e-05	-CAGCTCCT NCAGCTGY-
NRSE_M00325	1.0262e-04	-----AGGAGCTG- GGCRCTCTCCGNGGTGCTGA



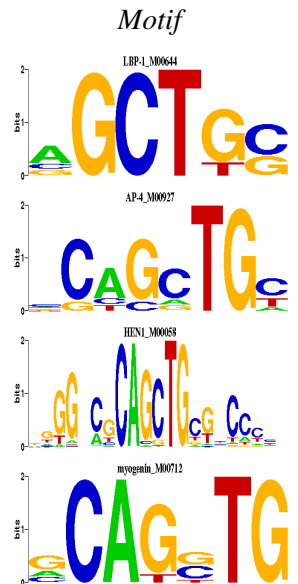
**M87**



*forward*

*reverse compliment*

Name	E value	Alignment
LBP-1_M00644	1.0756e-07	GCAGCTCC SCAGCN--
AP-4_M00927	3.6783e-06	GGAGCTGC NCAGCTGY
HEN1_M00058	1.2597e-05	-----GGAGCTGC----- NNNGGNCGCAGCTGCGNCCNN
myogenin_M00712	1.3934e-05	GGAGCTGC -CASCTGN

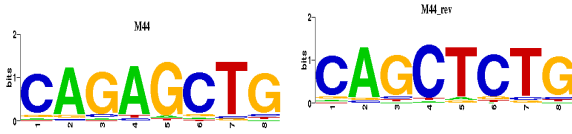


Sry-beta\_M00666 1.5272e-05

GGAGCTGC  
AGWGATGC



**M44**

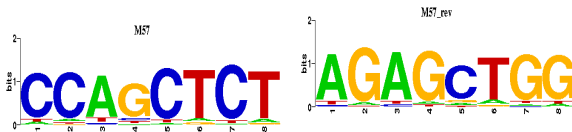


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Sry-beta_M00666	8.8708e-06	CAGAGCTG- -AGWGATGC	
AP-4_M00005	2.1075e-05	----CAGCTCTG----- NNNNCAGCTGNNGNCNK	
Eve_M00629	2.4162e-05	-CAGAGCTG GCNGNSSWN	
LBP-1_M00644	4.1176e-05	-CAGCTCTG SCAGCN---	
HEB_M00698	5.2648e-04	CAGCTCTG CAGCWGG-	

**M57**








*forward*

*reverse compliment*

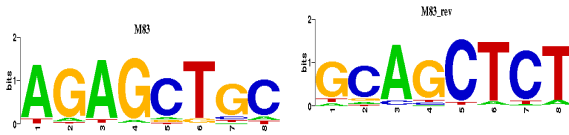
Name	E value	Alignment	Motif
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Stamp Results

10/01/13





HEB_M00698	6.0455e-07	CCAGCTCT CCWGCTG-	
AP-4_M00176	4.5135e-06	-CCAGCTCT NNCAGCTGN	
LBP-1_M00644	5.8866e-06	CCAGCTCT SCAGCN--	
Barbie_M00238	6.4329e-06	---AGAGCTGG--- NNNAAAGSNGNNG	
Sry-beta_M00666	8.8720e-06	AGAGCTGG AGWGATGC	

M83



*forward*

*reverse compliment*

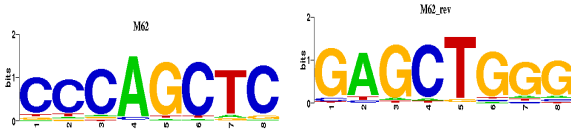
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sry-beta_M00666	3.6973e-09	AGAGCTGC AGWGATGC	
LBP-1_M00644	1.8368e-07	GCAGCTCT SCAGCN--	
ZBRK1_M01105	3.1718e-06	--AGAGCTGC---- AAANNCTGCKSCC	
AP-4_M00927	3.2660e-06	GCAGCTCT RCAGCTGN	

myogenin\_M00712 1.3223e-05

AGAGCTGC  
-CASCTGN



**M62**

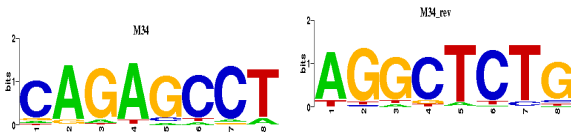


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
LUN-1_M00480	2.6776e-07	-----GAGCTGGG TCCCAAAGTAGCTGGG	
HEB_M00698	1.0066e-06	GAGCTGGG CAGCWGG-	
LBP-1_M00644	4.1369e-06	CCCAGCTC -SCAGCN-	
AP-4_M00176	1.1819e-05	CCCAGCTC- NNCAGCTGN	
Alfin1_M00479	8.7094e-05	----CCCAGCTC-- MNNCCCCACNYYN	

**M34**



*forward*

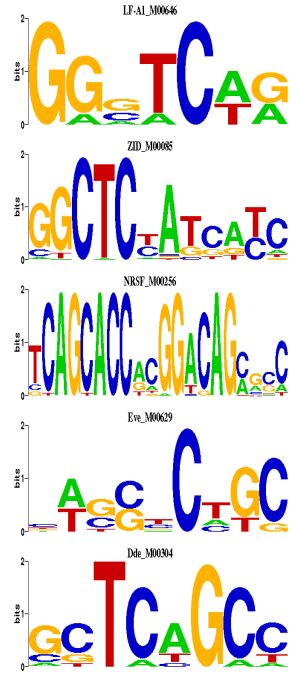
*reverse compliment*

Name	E value	Alignment	Motif
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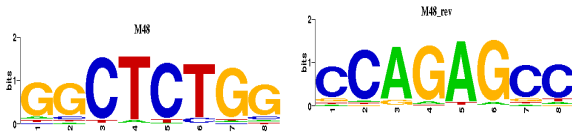
Stamp Results

10/01/13

LF-A1_M00646	2.4041e-05	AGGCTCTG -GGSTCWR
ZID_M00085	3.0372e-04	-----CAGAGCCT GRTGATRGAGCC-
NRSF_M00256	3.4801e-04	-----CAGAGCCT TCAGCACACGGACAGCRSC-
Eve_M00629	7.8144e-04	-CAGAGCCT GCNGNSSWN
Dde_M00304	1.8782e-03	--CAGAGCCT GGCTGAGC--



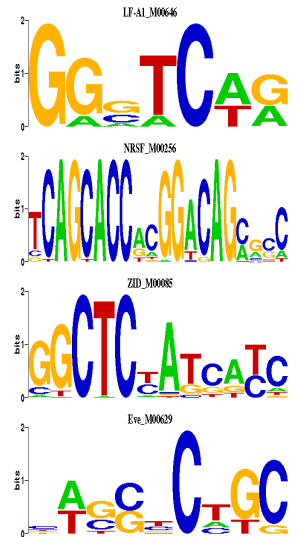
M48



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
LF-A1_M00646	3.6837e-05	CCAGAGCC -YWGASCC	LF-A1_M00646
NRSF_M00256	2.5856e-04	GGCTCTGG----- GSYGCTGTCCGTGGTGCTGA	NRSF_M00256
ZID_M00085	2.9572e-04	----CCAGAGCC GRTGATRGAGCC	ZID_M00085
Eve_M00629	6.9736e-04	CCAGAGCC- GCNGNSSWN	Eve_M00629



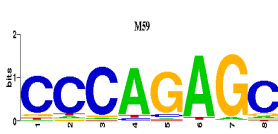
HSF\_M00641

9.0096e-04

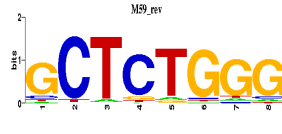
---GGCTCTGG--  
GAARCYNCKNGA



**M59**



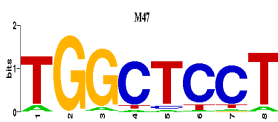
*forward*



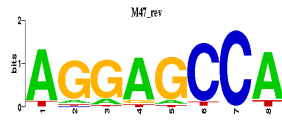
*reverse compliment*

Name	E value	Alignment	Motif
STAT_M00777	5.8682e-04	---GCTCTGGG-- NNNNTTCTNGGA	
CDC5_M00361	6.3154e-04	--CCCAGAGC NSCGCTGAGS	
Eve_M00629	8.0669e-04	CCCAGAGC-- -GCNGNSSWN	
Olf-1_M00261	9.3365e-04	-----GCTCTGGG----- NCMNNYTCCCNRRGGANTNGN	
HSF_M00641	9.7206e-04	---GCTCTGGG GAARCYNCKNGA	

**M47**



*forward*



*reverse compliment*

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

YY1\_M00069 7.0962e-06

-----TGGCTCCT  
NNCNGCCATCTTGNNTSNW



ZID\_M00085 5.4086e-04

TGGCTCCT-----  
-GGCTCYATCAYC



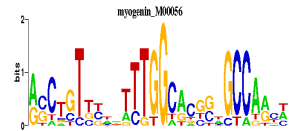
E12\_M00693 5.8347e-04

TGGCTCCT--  
NNNCACCTGY



myogenin\_M00056 7.2789e-04

---TGGCTCCT-----  
NNYTGGCNSNGTGCCAAANNNNACAGST

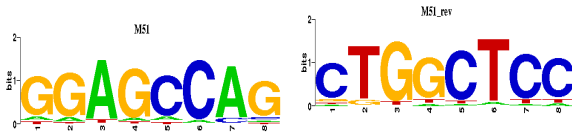


ARF\_M00438 1.5128e-03

-TGGCTCCT  
TTGTCTC--



M51



*forward*

*reverse compliment*

Name E value

Alignment

Motif

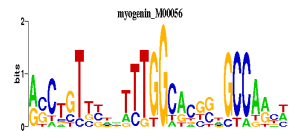
BRK\_M01096 2.3203e-05

CTGGCTCC  
NTGGCG--



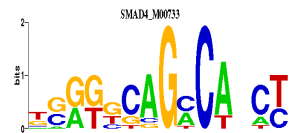
myogenin\_M00056 9.2291e-05

-----GGAGCCAG--  
ASCTGTNNNNTTTGGCACNSNGCCARNN



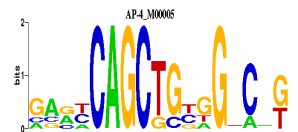
SMAD4\_M00733 1.9016e-04

--CTGGCTCC----  
RGNTGKCTGNMYSN



AP-4\_M00005 3.1447e-04

-----CTGGCTCC  
MNGNCNNCAGCTGNNNN-



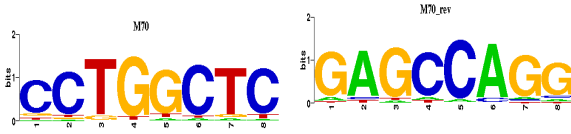
YY1\_M00069

4.3221e-04

--GGAGCCAG-----  
WNSANNCAAGATGGCNGNN



**M70**

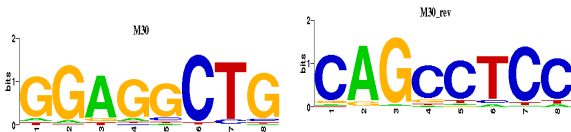


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
BRK_M01096	2.3653e-05	CCTGGCTC -NTGGCG-	
E2A_M00804	1.1325e-04	--CCTGGCTC--- CACCTGNCNCNKN	
AP-4_M00005	3.2486e-04	-----CCTGGCTC MNGNCNNCAGCTGNNNN	
Zta_M00711	5.6736e-04	---CCTGGCTC- NANNNTGRCWCA	
YY1_M00069	9.7069e-04	--GAGCCAGG----- WNSANNCAAGATGGCNGNN	

**M30**

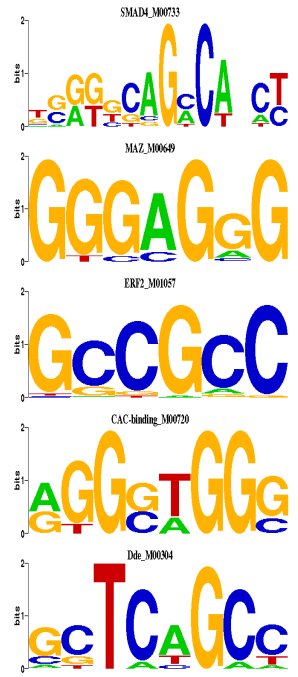


*forward*

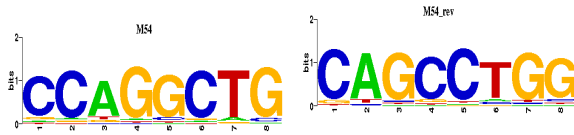
*reverse compliment*

Name	E value	Alignment	Motif
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SMAD4_M00733	4.9724e-05	-----CAGCCTCC- NSRKNCAGMCANCY
MAZ_M00649	2.5356e-04	CAGCCTCC- --CCCTCCC
ERF2_M01057	3.4793e-04	GGAGGCTG GGCGGC--
CAC-binding_M00720	5.3679e-04	--CAGCCTCC CCCASCCY--
Dde_M00304	1.0136e-03	GGAGGCTG--- ---GGCTGAGC



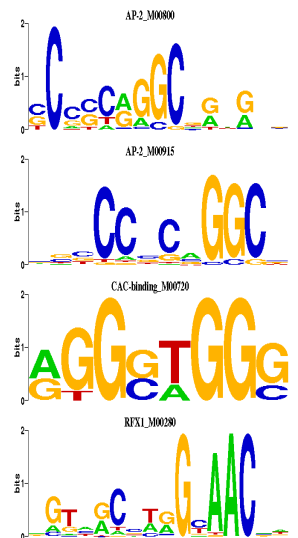
**M54**



*forward*

*reverse compliment*

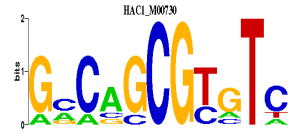
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
AP-2_M00800	4.4664e-05	---CCAGGCTG--- SCSSCRGGCNRNRNN
AP-2_M00915	2.1922e-04	CAGCCTGG----- -NGCCNGNGGNNN
CAC-binding_M00720	4.2983e-04	--CAGCCTGG CCCASCCY--
RFX1_M00280	4.9766e-04	-----CCAGGCTG--- NNGTTRCYWNGYNACN



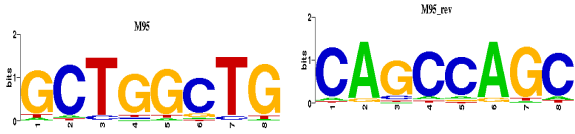
HAC1\_M00730

7.5878e-04

--CAGCCTGG--  
GMCAGCGTGTC



**M95**

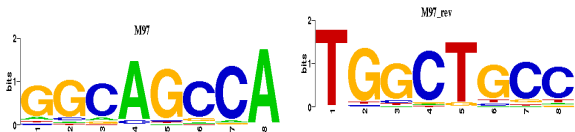


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
SMAD4_M00733	3.4079e-08	-----CAGCCAGC-- NSRKNCAGMCANCY	
BRK_M01096	2.2666e-05	GCTGGCTG -NTGGCG-	
HAC1_M00730	1.6873e-04	CAGCCAGC----- --GMCAGCGTGTC	
AP-4_M00005	2.0595e-04	-----GCTGGCTG MNGNCNNCAGCTGNNNN	
Adf-1_M00923	2.1071e-04	--CAGCCAGC----- CRMNKKCAGCGRCKGCRGCS	

**M97**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

SMAD4\_M00733 2.8897e-08

---GGCAGCCA---  
NSRKNCAAGMCANCY



YY1\_M00069 3.8743e-05

GGCAGCCA-----  
WNSANNCAAGATGGCNGNN



LBP-1\_M00644 8.1903e-05

GGCAGCCA  
-SCAGCN-



ERF2\_M01057 1.7712e-04

TGGCTGCC  
-GGCGGC-

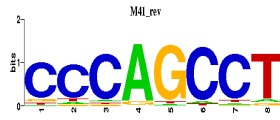
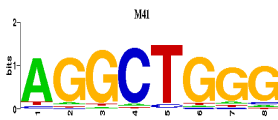


RCS1\_M00753 3.4836e-04

---TGGCTGCC-  
AANTGGGTGCAK



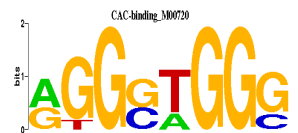
M41



*forward*

*reverse compliment*

Name E value Alignment  
CAC-binding\_M00720 9.4323e-10  
CCCAGCCT  
CCCASCCY



Dde\_M00304 2.2282e-05  
-CCCAGCCT  
GCTCAGCC-



Sp1\_M00931 5.8301e-05  
-CCCAGCCT  
NCCCCGCC



Sp1\_M00008 6.3389e-05  
-CCCAGCCT  
WCCCYGCCY



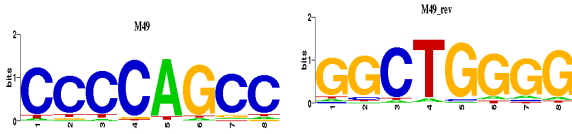
LUN-1\_M00480

1.6931e-04

-----AGGCTGGG  
TCCCAAAGTAGCTGGG



**M49**

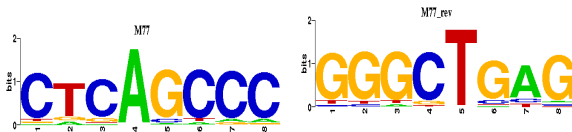


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
CAC-binding_M00720	2.6445e-07	-GGCTGGGG RGGSTGGG-	
AP-2_M00915	2.6541e-06	-GGCTGGGG--- NGCCNGNGGN	
KROX_M00982	4.6541e-06	---CCCCAGCC-- CCGCCCCCNCNC	
Dde_M00304	1.7717e-05	CCCCAGCC GCTCAGCC	
Sp1_M00008	5.0683e-05	CCCCAGCC- WCCCYGCCY	

**M77**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

Dde\_M00304 9.7494e-10

GGGCTGAG--  
-GGCTGAGC



CDC5\_M00361 2.7786e-07

-GGGCTGAG-  
NSCGCTGAGS



MAF\_M00983 3.7860e-05

----CTCAGCCC  
NTGACTCANC--



NF-E2\_M00037 4.0167e-05

----CTCAGCCC  
RTGACTCAGC--

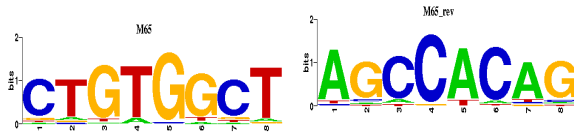


SREBP-1\_M00221 7.3143e-05

--GGGCTGAG  
GTGGGGTGAT



**M65**



*forward*

*reverse compliment*

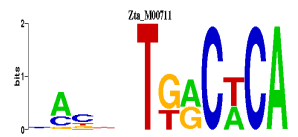
*Name E value*

*Alignment*

*Motif*

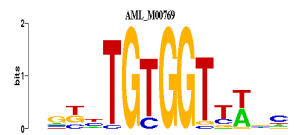
Zta\_M00711 1.9485e-05

--AGCCACAG--  
TGWGYCANNNTN



AML\_M00769 6.5568e-05

---AGCCACAG---  
NNWRACCACANNNN



SEF-1\_M00214 2.0631e-04

AGCCACAG-----  
RACCACAGATATCCGTGT



Osf2\_M00731 2.3159e-04

-CTGTGGCT  
KNITGG--

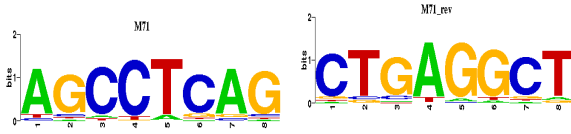


RAV1\_M00343 2.6588e-04

---CTGTGGCT  
NNWNTGTTGCN



**M71**

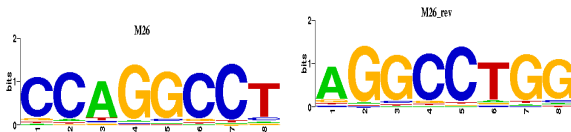


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
AP-2alphaA_M01047	5.7630e-07	--AGCCTCAG----	
		ANMGCCTNAGGCKN	
AP-2alphaA_M01045	2.6713e-05	-----CTGAGGCT-	
		NNNSCCTNAGGCNN	
MAF_M00983	5.1187e-05	-AGCCTCAG-	
		NTGACTCANC	
Bel-1_M00312	7.8890e-05	-----AGCCTCAG-----	
		KNGRNAGTNMNCKCWGYRTCAGCAGNT	
NF-E2_M00037	1.0100e-04	-AGCCTCAG-	
		RTGACTCAGC	

**M26**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
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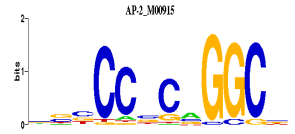


Stamp Results

10/01/13

AP-2\_M00915 2.2495e-04

AGGCCTGG-----  
-NGCCNGNGGNNN



ZBRK1\_M01105 5.4670e-04

--AGGCCTGG----  
AAANNCTGCKSCC



Pax-6\_M00979 7.2488e-04

-----CCAGGCCT  
KAGTTCAGGTCA



Eve\_M00629 7.3718e-04

CCAGGCCT-  
GCNGNSSWN

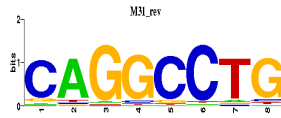
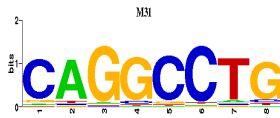


Ttk\_M00009 1.4174e-03

CCAGGCCT  
GCAGGAC-



M31



*forward*

*reverse compliment*

*Name E value*

*Alignment*

*Motif*

ZBRK1\_M01105 5.3716e-04

-CAGGCCTG-----  
AAANNCTGCKSCC



Eve\_M00629 6.3448e-04

-CAGGCCTG  
GCNGNSSWN



Ttk\_M00009 1.5613e-03

-CAGGCCTG  
GCAGGAC--



p53\_M00272 5.1308e-03

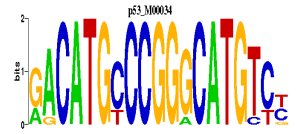
CAGGCCTG--  
-RGRCAWGYC



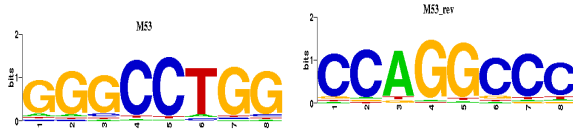
p53\_M00034

7.2185e-03

---CAGGCCTG-----  
 RGACATGCCCGGGCATGTC



**M53**

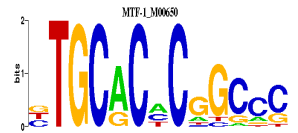


*forward*

*reverse compliment*

*Name                      E value                      Alignment                      Motif*

MTF-1\_M00650    1.9341e-04    GGGCCTGG-----  
 GGGCCNGTGCAN



AP-2\_M00915    2.3604e-04    GGGCCTGG-----  
 -NGCCNGNGGNNN



Sp1\_M00931    3.6826e-04    -CCAGGCC  
 NCCCCGCC



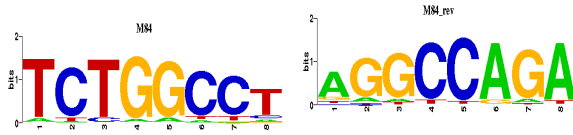
CACD\_M01113    4.0706e-04    GGGCCTGG  
 GGGYGTG-



KROX\_M00982    5.6764e-04    -GGGCCTGG-----  
 GNNGNNGGGGCGG



**M84**

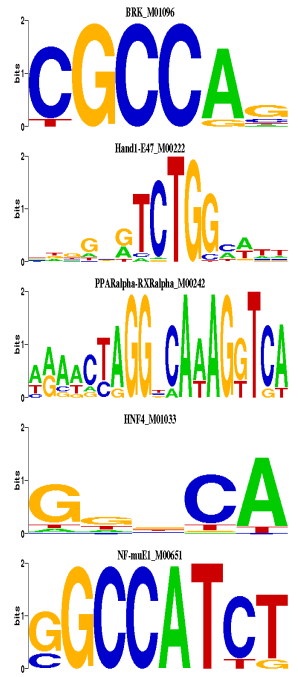


*forward*

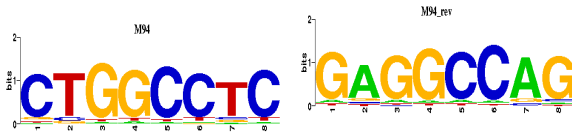
*reverse compliment*

*Name                      E value                      Alignment                      Motif*

BRK_M01096	2.3269e-05	TCTGGCCT -NTGGCG-
Hand1-E47_M00222	5.6495e-04	-AGGCCAGA----- NNWNCCAGAYNCNNN
PPARalpha-RXRalpha_M00242	8.6420e-04	-----AGGCCAGA----- WRAWCTAGGNCAAAGGTCA
HNF4_M01033	9.9906e-04	TCTGGCCT --TGNNC-
NF-muE1_M00651	1.1081e-03	-TCTGGCCT AGATGGCC-



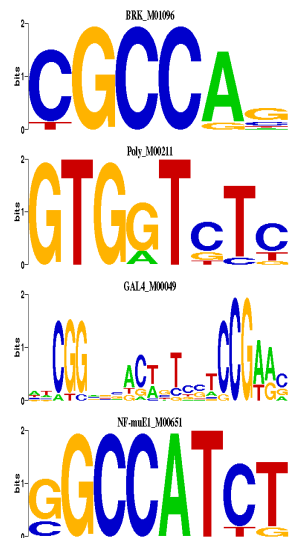
**M94**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
BRK_M01096	2.0646e-05	CTGGCCTC NTGGCG--
Poly_M00211	2.2935e-05	CTGGCCTC GTGGTCTC
GAL4_M00049	6.9599e-04	-----CTGGCCTC----- NNCGGNNNACWNTNSTCCGAAS
NF-muE1_M00651	1.0343e-03	--CTGGCCTC AGATGGCC--



Stamp Results

10/01/13

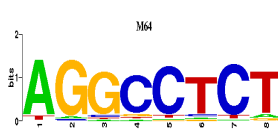
GAL4\_M00198

1.4852e-03

-----GAGGCCAG-----  
 NGYTTCGGNNNANAGNNNNCCG



**M64**



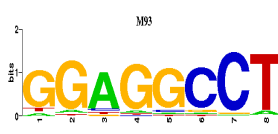
*forward*



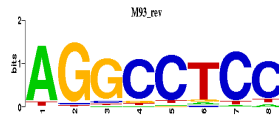
*reverse compliment*

Name	E value	Alignment	Motif
HSF_M00641	6.0002e-04	-AGGCCTCT--- GAARCYNCKNGA	
PacC_M00247	1.9352e-03	-AGGCCTCT----- NNNNNNKCYTGCCNGN	
ZBRK1_M01105	2.2732e-03	AGAGGCCT----- AAANNCTGCKSCC	
APOLYA_M00310	3.9655e-03	----AGGCCTCT-- MAATNGGCGTTTAT	
Poly_M00211	5.6775e-03	AGAGGCCT- -GAGACCAC	

**M93**



*forward*



*reverse compliment*

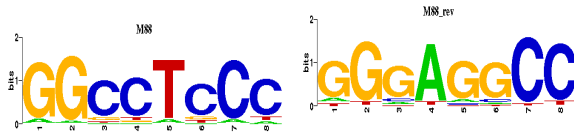
Name	E value	Alignment	Motif
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Stamp Results

10/01/13





ERF2_M01057	2.1579e-04	GGAGGCCT GGCGGC--	
MAZ_M00649	2.2519e-04	AGGCCTCC-- --CCCTCCC	
UAY_M00391	1.1629e-03	---GGAGGCCT--- RTCGGMNNNNKSCGN	
Tra-1_M01048	1.3240e-03	AGGCCTCC-- --ACCWCCC	
ETF_M00695	1.5628e-03	AGGCCTCC-- ---CCGCCN	

M88



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	2.3284e-07	GGGAGGCC GGGAGGG--	
Tra-1_M01048	2.1389e-06	GGCCTCCC -ACCWCCC	
Zic3_M00450	1.6479e-05	GGCCTCCC GANCMCCC	
TFII-I_M00706	1.7283e-05	GGCCTCCC-- --CCTMCNTC	

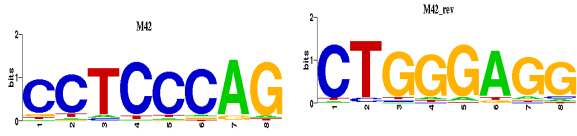
Zic1\_M00448

7.1731e-05

GGCCTCCC  
GACNACCC



**M42**

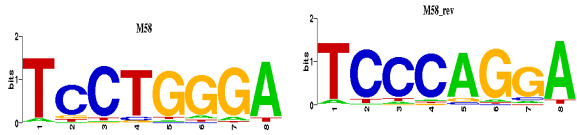


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Lyf-1_M00141	4.8084e-08	CCTCCCAG YCTCCCAA	
MAZ_M00649	2.4870e-07	CTGGGAGG- --GGGAGGG	
Tra-1_M01048	2.1015e-06	-CCTCCCAG ACCWCCC--	
TFII-I_M00706	1.2042e-05	CCTCCCAG CCTMCNTC	
GLI_M01037	1.2806e-05	---CCTCCCAG NGACCACCCAN	

**M58**

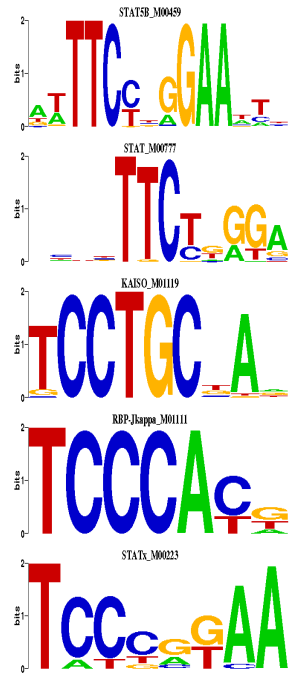


*forward*

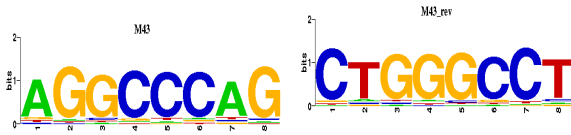
*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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STAT5B_M00459	4.5133e-06	---TCCCAGGA--- NRNTTCCNGGAAWN
STAT_M00777	9.7293e-06	TCCCAGGA---- TCCNAGAANNNN
KAISO_M01119	1.4013e-05	-TCCCAGGA NTNGCAGGA
RBP-Jkappa_M01111	4.2174e-05	TCCTGGGA -NGTGGGA
STATx_M00223	4.4784e-05	TCCCAGGA TCCCRKAA



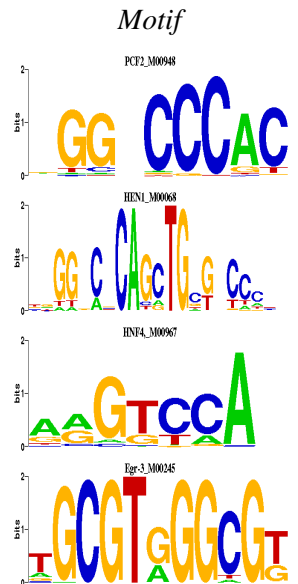
**M43**



*forward*

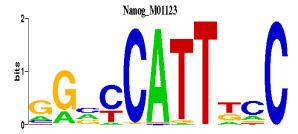
*reverse compliment*

Name	E value	Alignment
PCF2_M00948	8.0634e-06	-AGGCCCAG NGGNCCCAC
HEN1_M00068	2.4771e-04	-----CTGGGCCT-- NNNGGNCNCAGCTGNGNCCNN
HNF4,_M00967	7.5551e-04	CTGGGCCT NTGGACYT
Egr-3_M00245	7.9463e-04	---CTGGGCCT TGCGTGGGCGT

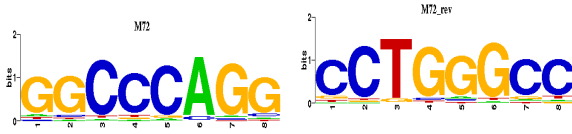


Nanog\_M01123 1.2475e-03

AGGCCAG----  
-GNCCATTKCC



**M72**

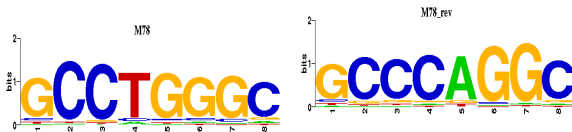


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
PCF2_M00948	8.4131e-06	CCTGGGCC-- -GTGGGNCCN	
AP-2_M00915	2.0304e-04	--CCTGGGCC-- NGCCNGNGGNNN	
HEN1_M00068	2.2841e-04	-----CCTGGGCC-- NNNGGNCNCAGCTGNGNCCNN	
Egr-3_M00245	3.8665e-04	--CCTGGGCC- TGCGTGGGCGT	
Egr-1_M00243	4.1265e-04	--CCTGGGCC- TGCGTGGGCGK	

**M78**



*forward*

*reverse compliment*

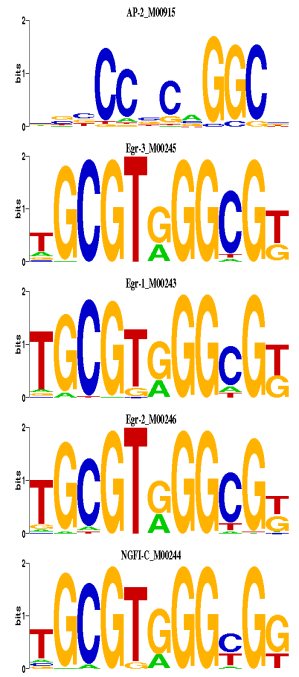
Name	E value	Alignment	Motif
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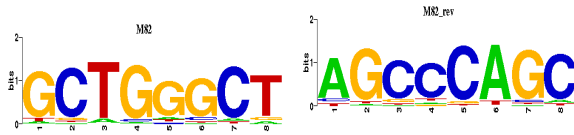
Stamp Results

10/01/13

AP-2_M00915	4.1057e-07	-GCCTGGGC--- NGCCNGNGGNNN
Egr-3_M00245	6.9412e-07	--GCCCAGGC- ACGCCACGCA
Egr-1_M00243	9.0509e-07	--GCCCAGGC- MCGCCCACGCA
Egr-2_M00246	1.2253e-06	--GCCCAGGC- MCGCCCACGCA
NGFI-C_M00244	1.7660e-06	--GCCCAGGC- CCRCCCACGCA



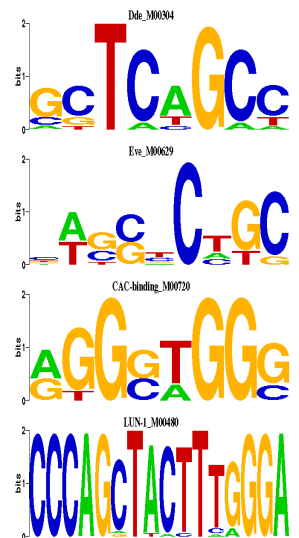
M82



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Dde_M00304	2.2398e-05	AGCCCAGC- -GCTCAGCC	
Eve_M00629	9.3769e-05	GCTGGGCT- GCNGNSSWN	
CAC-binding_M00720	1.1362e-04	--GCTGGGCT RGGSTGGG--	
LUN-1_M00480	1.7197e-04	-----GCTGGGCT TCCCAAAGTAGCTGGG--	



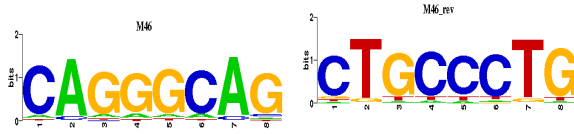
CDC5\_M00361

1.8430e-04

---GCTGGGCT  
NSCGCTGAGS-



**M46**

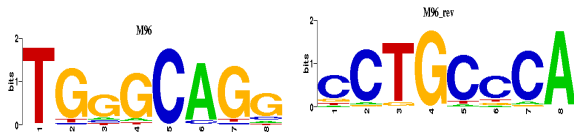


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HNF4_M01033	1.1556e-04	CTGCCCTG -TGNNC--	
Eve_M00629	9.3671e-04	CTGCCCTG- NWSSNCNGC	
Pax-6_M00979	1.1041e-03	-----CAGGGCAG KAGTTCAGGTCA-	
p53_M00034	1.1891e-03	----CTGCCCTG----- RGACATGCCCGGGCATGTC	
Ttk_M00009	1.3556e-03	-CAGGGCAG GCAGGAC--	

**M96**








*forward*

*reverse compliment*

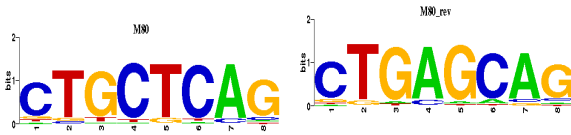
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Stamp Results

10/01/13





Sp3_M00665	7.9347e-07	-CCTGCCCA---- CCCYSCCAAGKS	
E2A_M00973	8.7616e-06	-CCTGCCCA ANCTGNY--	
E47_M00002	2.9243e-05	-----CCTGCCCA NNNNACACCTGCNS-	
Sp1_M00931	6.9227e-05	TGGGCAGG-- -GGGCGGGN	
Sp1_M00933	9.3637e-05	-TGGGCAGG NGGGMGGG	

**M80**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Dde_M00304	3.4443e-06	--CTGAGCAG GGCTGAGC--	
LMAF_M01139	9.9799e-06	CTGCTCAG CTGCTGAS	
CDC5_M00361	3.4224e-05	----CTGAGCAG NSCGCTGAGS--	
Alx-4_M00619	2.0269e-04	----CTGCTCAG GATTATTCTCAG	

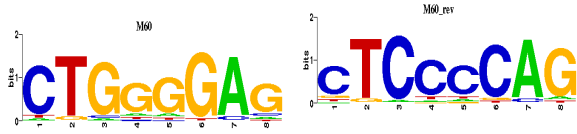
Nrf-2\_M00821

9.9995e-04

-----CTGAGCAG  
NNTGACTCAGCA-



**M60**

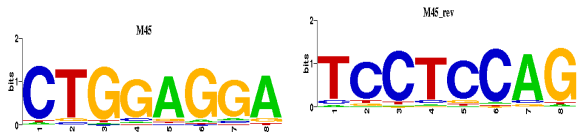


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Olf-1_M00261	3.0272e-07	-----CTGGGGAG----- NCMNYTCCCNRRGGANTNGN	
Sp3_M00665	1.6312e-05	--CTCCCCAG--- CCCYSCCCAAGKS	
UF1H3BETA_M01068	6.0051e-05	-CTGGGGAG----- GYGGGGGAGGGGC	
CP2_M00072	7.7120e-05	--CTCCCCAG CNCNAMCCAG	
SREBP-1_M00221	1.1367e-04	CTGGGGAG-- GTGGGGTGAT	

**M45**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

Barbie\_M00238 2.3935e-05

TCCTCCAG-----  
-CMNNCNSCTTTNNN



MAZ\_M00649 2.1428e-04

TCCTCCAG  
CCCTCCC-



BRK\_M01096 2.4847e-04

CTGGAGGA  
NTGGCG--



PU.1\_M00658 2.7634e-04

--TCCTCCAG  
CTTCCTC---

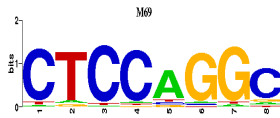


Nrf-2\_M00108 7.0865e-04

-TCCTCCAG  
SNCTTCCGG



M69



*forward*

*reverse compliment*

*Name*

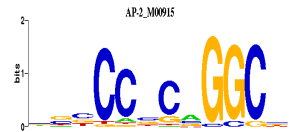
*E value*

*Alignment*

*Motif*

AP-2\_M00915 7.7053e-06

-GCCTGGAG---  
NGCCNGNGGNNN



Pax-6\_M00979 9.8086e-05

--GCCTGGAG---  
TGACCTGGAACTM



BRK\_M01096 1.7210e-04

GCCTGGAG  
--NTGGCG



STAT5B\_M00459 3.8532e-04

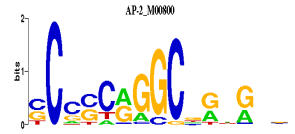
---GCCTGGAG---  
NWTTCNGGAANYN



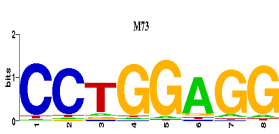
AP-2\_M00800

1.3171e-03

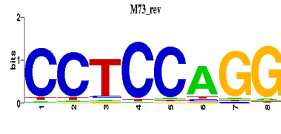
-----GCCTGGAG--  
NNYNYNGCCYGSSGS



**M73**



*forward*



*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

Barbie\_M00238

1.7575e-05

-----CCTGGAGG  
NNNAAAGSNGNNKG



ZAP1\_M00754

5.2922e-05

-CCTCCAGG-  
CCCTMAAGGT



Pax-6\_M00979

9.8751e-05

--CCTCCAGG---  
KAGTTCAGGTCA



BRK\_M01096

2.1524e-04

CCTGGAGG  
-NTGGCG-



MAZ\_M00649

2.2394e-04

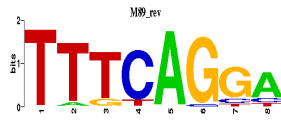
-CCTCCAGG  
CCCTCCC--



**M89**



*forward*



*reverse compliment*

*Name*

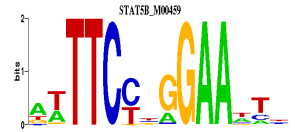
*E value*

*Alignment*

*Motif*

STAT5B\_M00459 1.3350e-05

---TCCTGAAA---  
NWTTCNGGAANYN



STE12\_M00664 2.0738e-05

-TTTCAGGA  
GTTTCA---



STAT5A\_M00457 1.3359e-04

----TCCTGAAA--  
NRNTTCNRGAANY



Ttk\_M00009 2.0595e-04

-TCCTGAAA  
GTCCTGC--

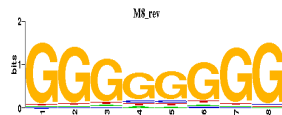
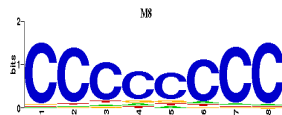


STATx\_M00223 3.7790e-04

TCCTGAAA  
TCCCRKAA



**M8**



*forward*

*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

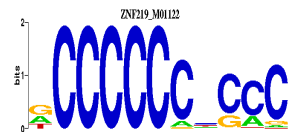
MAZR\_M00491 9.7549e-12

-GGGGGGGG---  
SGGGGGGGGMNN



ZNF219\_M01122 2.0974e-10

--GGGGGGGG-  
GGNGGGGGGN



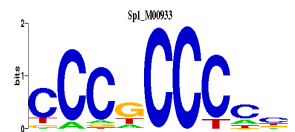
Sp1\_M00931 1.8002e-07

-CCCCCCCC  
NCCCCGCC



Sp1\_M00933 4.4971e-07

-GGGGGGGG  
NGGGGMGG

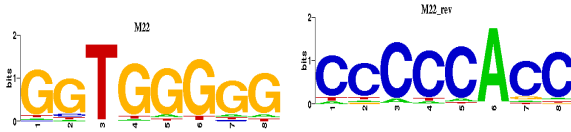


Sp3\_M00665 5.3340e-07

CCCCCCCC-----  
CCCYSCCAAGKS



**M22**

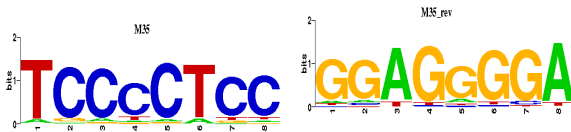


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
KROX_M00982	1.4564e-07	--GGTGGGGG--- GNNGNNGGGGGCGG	
Alfin1_M00479	1.8021e-07	--CCCCACC---- MNNCCCCACNYNYN	
ZNF219_M01122	2.9653e-07	-GGTGGGGG-- GGGNNGGGGGGN	
MAZR_M00491	9.8862e-07	---CCCCACC- NNKCCCCCCCCS	
UF1H3BETA_M01068	1.0216e-06	-----CCCCACC GCCCTCCCCRC-	

**M35**



*forward*


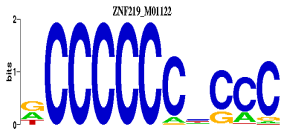
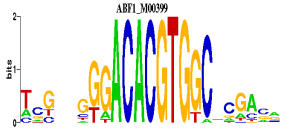
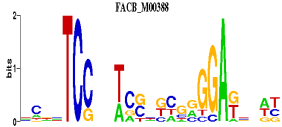
*reverse compliment*

Name	E value	Alignment	Motif
UF1H3BETA_M01068	2.1790e-07	TCCCCTC----- GCCCTCCCCRC-	

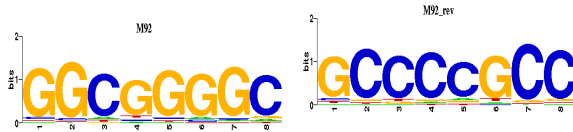


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MAZ_M00649	2.2676e-07	TCCCCTCC- --CCCTCCC	
ZNF219_M01122	1.9662e-06	-GGAGGGGA-- GGNGGGGGGN	
ABF1_M00399	1.3289e-05	-----TCCCCTCC- NNTCNGCCACGTGTCCNNNNW	
FACB_M00388	1.6420e-05	-----GGAGGGGA---- NNNNMTCCNNNNNSNANNGGANNNN	

**M92**

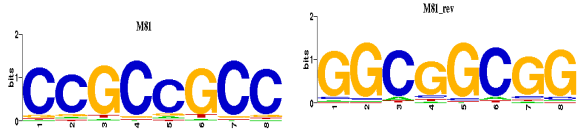


*forward*

*reverse compliment*

Name	E value	Alignment	Motif
GC_M00255	1.8539e-10	--GCCCGCC-- NNGCCCCGCCNN	
Sp1_M00931	2.7481e-09	GCCCGCC- NCCCCGCC	
Sp1_M00008	2.5871e-08	GCCCGCC- WCCYGCCY	
Sp1_M00196	6.6239e-08	-GCCCGCC-- NNCCCCGCCCN	
Sp1_M00932	7.1404e-08	---GGCGGGC- NNGGGCGGGNN	

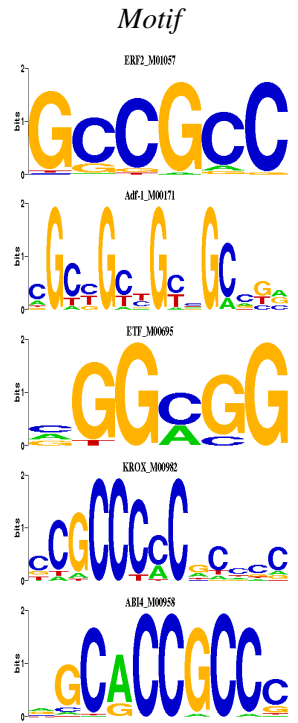
**M81**



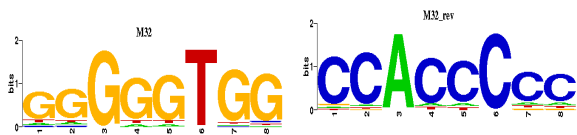
*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
ERF2_M01057	4.9349e-09	GGCGGCGG GGCGGC--
Adf-1_M00171	1.6680e-07	--GGCGGCGG----- NMNGCNRCRGCRGCG
ETF_M00695	1.4203e-06	GGCGGCGG --NGGCGG
KROX_M00982	4.8199e-06	-----GGCGGCGG GNNGNNGGGGGCGG
ABI4_M00958	1.5140e-05	-GGCGGCGG- GGGCGGTGCN



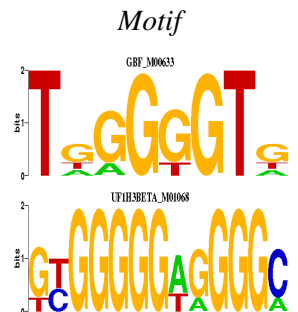
**M32**



*forward*

*reverse compliment*

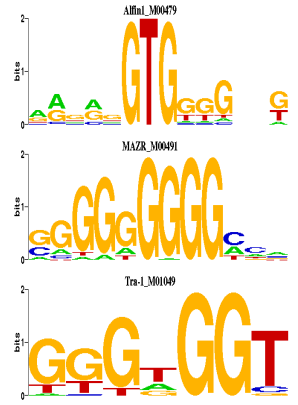
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
GBF_M00633	1.3830e-09	CCACCCC- -NACCCNA
UF1H3BETA_M01068	2.6833e-08	--GGGGTGG--- GYGGGGGAGGGGC



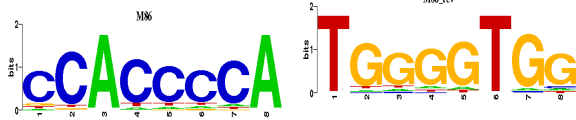
Stamp Results

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Alfin1_M00479	2.3110e-07	-----CCACCCCC-- MNNCCCCACNYNYN
MAZR_M00491	7.8751e-07	---CCACCCCC-- NNKCCCCCCCCS
Tra-1_M01049	8.9907e-07	GGGGGTGG-- --GGNGGT



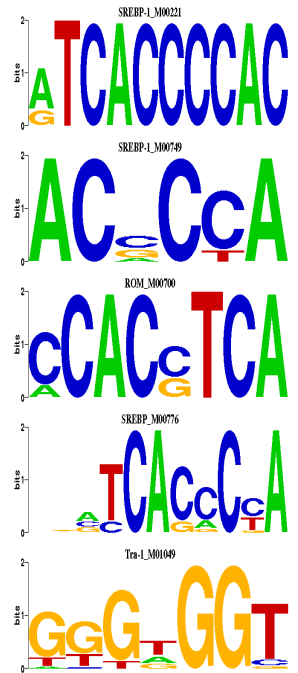
M86



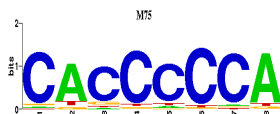
*forward*

*reverse compliment*

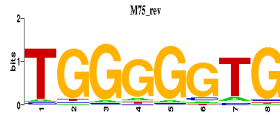
Name	E value	Alignment	Motif
SREBP-1_M00221	8.0400e-09	-CCACCCCA- ATCACCCAC	
SREBP-1_M00749	4.5742e-08	CCACCCCA --ACSCCA	
ROM_M00700	5.1466e-08	TGGGGTGG TGASGTGG	
SREBP_M00776	1.9084e-07	TGGGGTGG--- TRGGGTGANN	
Tra-1_M01049	9.4028e-07	-CCACCCCA ACCNCC--	



M75



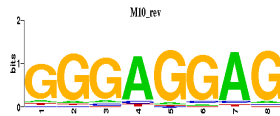
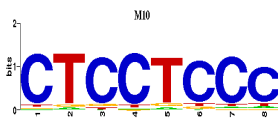
*forward*



*reverse compliment*

Name	E value	Alignment	Motif
GBF_M00633	8.3378e-14	CACCCCCA NACCCNA	
UF1H3BETA_M01068	1.4744e-07	----CACCCCCA- GCCCCTCCCCRC	
Egr_M00807	1.9301e-06	TGGGGTG-- TGGSGCRRN	
CACD_M01113	6.5888e-06	CACCCCCA CACRCC-	
Alfin1_M00479	9.5161e-06	CACCCCCA----- MNNCCCCACNYYN	

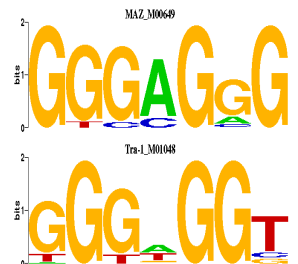
**M10**



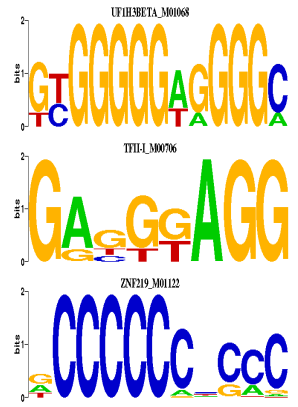
*forward*

*reverse compliment*

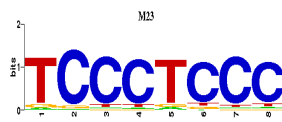
Name	E value	Alignment	Motif
MAZ_M00649	1.9731e-07	CTCCTCCC -CCCTCCC	
Tra-1_M01048	2.8702e-06	CTCCTCCC -ACCWCCC	



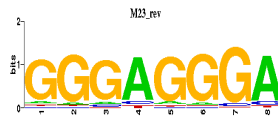
UF1H3BETA_M01068	3.5545e-06	-CTCCTCCC----- GCCCCCTCCCCRC
TFII-I_M00706	1.5450e-05	CTCCTCCC-- --CCTMCNTC
ZNF219_M01122	3.3579e-05	GGGAGGAG--- GGGNGGGGGGN



**M23**

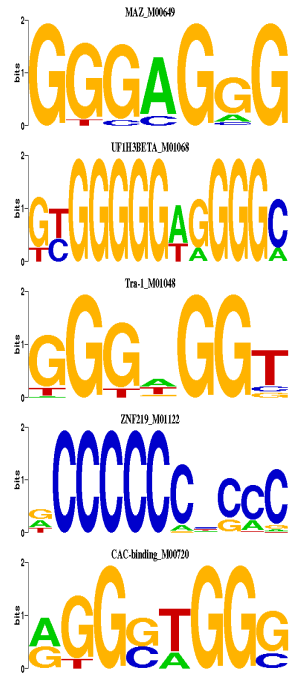


*forward*

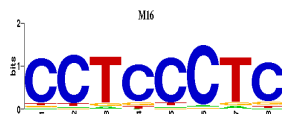


*reverse compliment*

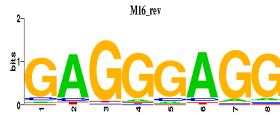
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAZ_M00649	1.9184e-11	TCCCTCCC -CCCTCCC
UF1H3BETA_M01068	2.2677e-07	-TCCCTCCC----- GCCCCCTCCCCRC
Tra-1_M01048	2.8037e-06	TCCCTCCC -ACCWCCC
ZNF219_M01122	2.9497e-06	GGGAGGGA--- GGGNGGGGGGN
CAC-binding_M00720	6.4769e-06	TCCCTCCC- -CCCASCCY



**M16**



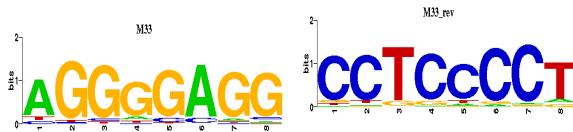
*forward*



*reverse compliment*

Name	E value	Alignment	Motif
TFII-I_M00706	6.9011e-13	GAGGGAGG GANGKAGG	
MAZ_M00649	1.9828e-07	-CCTCCCTC CCCTCCC-	
Tra-1_M01048	2.9364e-06	GAGGGAGG- --GGGWGGT	
UF1H3BETA_M01068	4.0352e-06	---CCTCCCTC-- GCCCTCCCCRC	
PU.1_M00658	5.4099e-06	CCTCCCTC -CTTCCTC	

**M33**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
MAZ_M00649	1.8202e-07	-CCTCCCTC CCCTCCC-	
UF1H3BETA_M01068	3.2112e-07	--AGGGGAGG--- GYGGGGGAGGGC	

## Stamp Results

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Tra-1\_M01048

4.4217e-06

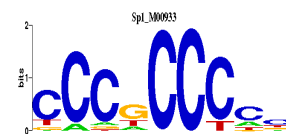
-CCTCCCCT  
ACCWCCC--



Sp1\_M00933

6.4774e-06

AGGGGAGG-  
NGGGGMGGG



Sp3\_M00665

1.0334e-05

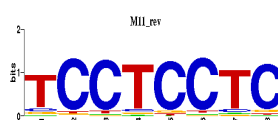
-CCTCCCCT----  
CCCYSCCAAGKS



## M11



*forward*



*reverse complement*

*Name*

*E value*

*Alignment*

*Motif*

PU.1\_M00658

3.5895e-06

GAGGAGGA  
GAGGAAG-



MZF1\_M00084

5.2388e-06

---GAGGAGGA-  
NNNGAGGGNAA



ROM\_M00700

7.2789e-05

TCCTCCTC-  
-CCACSTCA



KAISO\_M01119

1.4106e-04

-GAGGAGGA  
NNGCAGGA



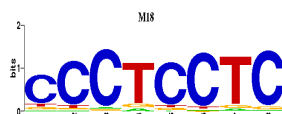
MAZ\_M00649

2.1496e-04

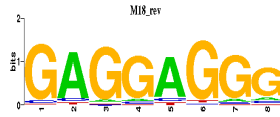
TCCTCCTC  
CCCTCCC-



## M18



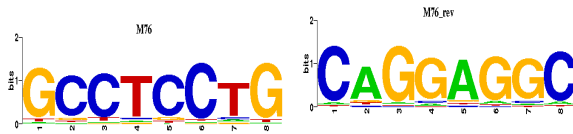
*forward*



*reverse compliment*

Name	E value	Alignment	Motif
MAZ_M00649	1.9476e-07	CCCTCCTC CCCTCCC-	
UF1H3BETA_M01068	4.1036e-06	--CCCTCCTC--- GCCCTCCCCRC	
PU.1_M00658	6.8618e-06	GAGGAGGG GAGGAAG-	
ZNF219_M01122	2.8232e-05	--GAGGAGGG- GGGNGGGGGGN	
Sp1_M00933	3.5095e-05	-GAGGAGGG NGGGMGGG	

**M76**



*forward*

*reverse compliment*

Name	E value	Alignment	Motif
Tel-2_M00678	3.9259e-05	CAGGAGGC- CAGGAAGTA	
E12_M00693	4.8787e-05	-CAGGAGGC- RCAGGTGNNN	

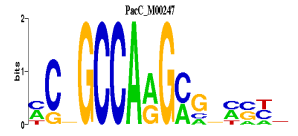


# Stamp Results

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PacC\_M00247 5.9887e-05

-----CAGGAGGC-----  
 NCNGCCARGMNNNNNNN



c-Ets-1\_M00743 8.7912e-05

GCCTCCTG  
 GCTTCK-



HEB\_M00698 1.4108e-04

CAGGAGGC  
 CAGCWGG-



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