

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

Input file: 96 motifs loaded

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

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

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

[Download results as a PDF](#)

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Multiple Alignment

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

```

M0 :          -TTTTTTTT-----
M1 :          -----TTTAAAA-
M2 :          ----TTTTTTAA--
M3 :          --TTCCTTT----
M4 :          -TTTCCTT-----
M5 :          --CTCCTCC----
M6 :          -----CCTCCCC-
M7 :          ---TTCCTTCC---
M8 :          -TCCTCCTC-----
M9 :          ----CCCCGCCC--
M10 :         CCTTTCCT-----
M11 :         -----CCCGCCCC-
M12 :         --CCCCCTCC----
M13 :         --GCTGCTGC----
M14 :         --CTCCCTCC----
M15 :         -CCCTCCTC-----
M16 :         -CTCTCCTC-----
M17 :         ---TCCCTCCC---
M18 :         ----CCCTCCCT--
M19 :         -CCTTCTG-----
M20 :         -----CTCTCTCC
M21 :         ----CCCTTCCC--
M22 :         CTCTGCCT-----

```

Stamp Results

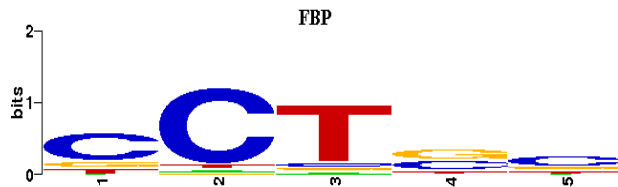
10/01/13

M23: -CCACCCCC-----
M24: --CTTTCTCC-----
M25: ----TCCTCCCC--
M26: --CAGCCTCC-----
M27: -----CTGCAGAG
M28: ----GGCTGCAG--
M29: -TCTTCCTC-----
M30: --CCGCCGCC-----
M31: -----CCTCTCCC-
M32: CAGCTCCT-----
M33: --GTCCTCC-----
M34: --TCCCCTCC-----
M35: ---GCCCCGCC---
M36: --GGAGCTGG-----
M37: ---CCCCTTCC---
M38: CAGAGCCT-----
M39: -----CCTGCCTC-
M40: -----CCTTCTCC-
M41: ----CTCTGCC--
M42: -----CCTCCAGC-
M43: -GCCGCCGC-----
M44: -----CCTCCCCA-
M45: --CTCCCTCT----
M46: -----CCTCCCAG-
M47: -----CCTTCCCC-
M48: ----CTCTGCTC--
M49: -----CCTGCCCT-
M50: -----CCTGCAGC-
M51: -CAGCCCTG-----
M52: ----GGCTGGGG--
M53: --CCTCCTGC-----
M54: ----GCCTCTGC--
M55: -----CTGCTGGG
M56: -----CTGGGGAG
M57: -GGGAGCTG-----
M58: ---GCCATCTT---
M59: --CAGCCTGG-----
M60: ----GCCTGGAG--
M61: -----CTCCC GCC
M62: -CTGCCCTC-----
M63: -----CCTCACCT-
M64: ----GCCTGGGA--
M65: --GGCCTGG-----

```

M66: -GCTGCCTG-----
M67: -ACTTCCGG-----
M68: -----TCTTTCCC-
M69: -----CTGGGGCT
M70: -CCTGCCTG-----
M71: -----GCTGGGGG-
M72: -----CTGGGCTC
M73: ----GCCTCTCC--
M74: ---GGGCTGAG---
M75: CCGCCCCT-----
M76: ----GCCTGCGC--
M77: --TTCCTTC----
M78: -----CCTGGCTC-
M79: ----CTCTGGGC--
M80: ----TCCCCACC--
M81: ---TTCCTTCA---
M82: -----GCTGGAGA-
M83: -CCACCCTC-----
M84: -GGCTTCTG-----
M85: -----GCTGCGGG-
M86: -GCTGCCTC-----
M87: -----CCTGTCCC-
M88: -----CCTGGGGA-
M89: --GGCCCCGC----
M90: ----GGCTGCTC--
M91: ----GCCTCTGG--
M92: -GCTGGCTG-----
M93: ---GCTCTCCC---
M94: -----GCTCCGGG-
M95: CGCCCCCT-----
    
```

Familial Profile:
(click for matrix)

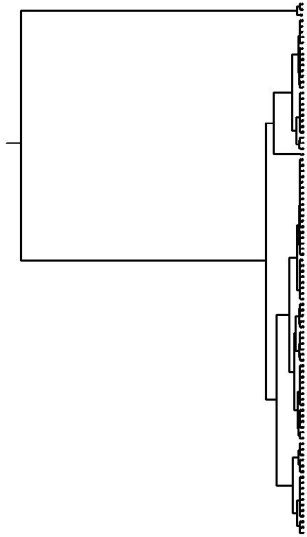


Motif Tree

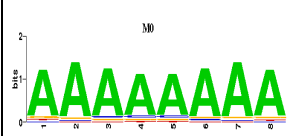

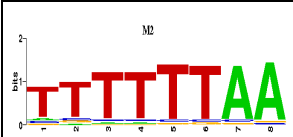
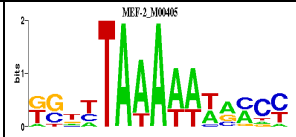
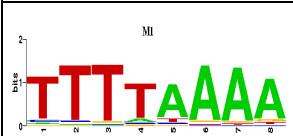
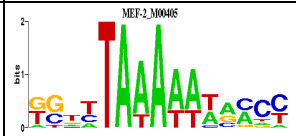
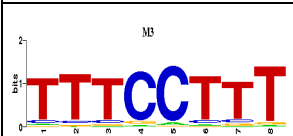
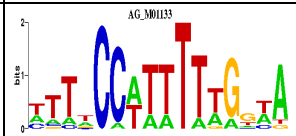
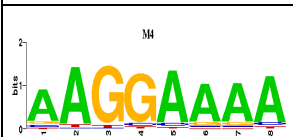
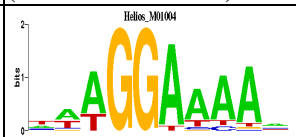
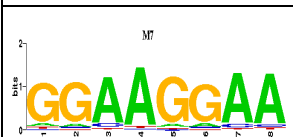
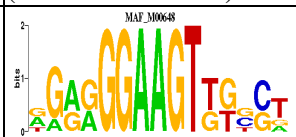
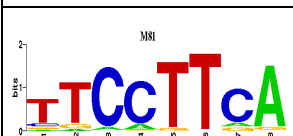
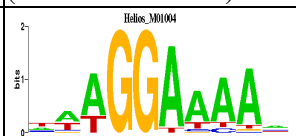
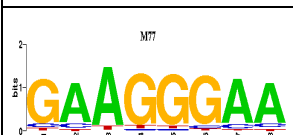

Input Motif

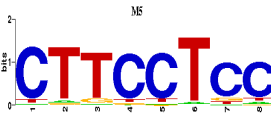

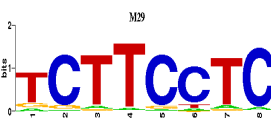

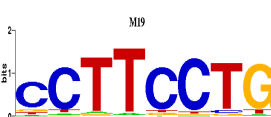









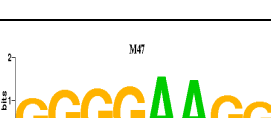

Tree (drawn by Phylip)

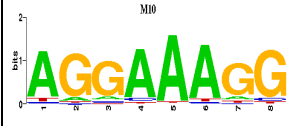

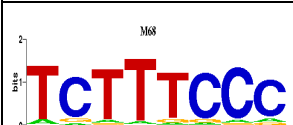
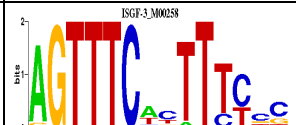


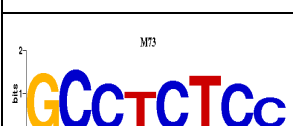






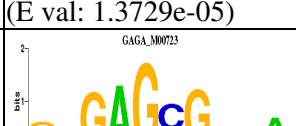
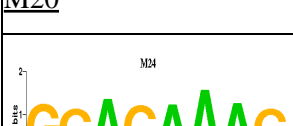
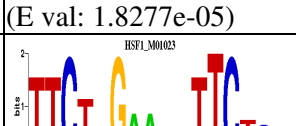
[Click here for Newick-format tree \(viewable with MEGA\)](#)

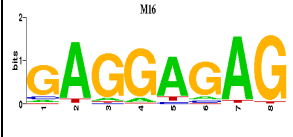

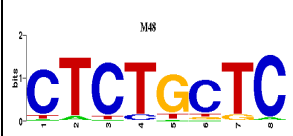

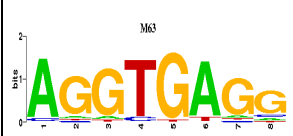

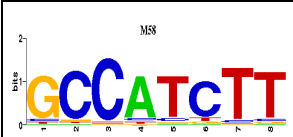
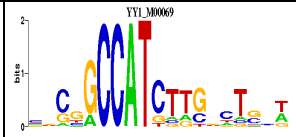
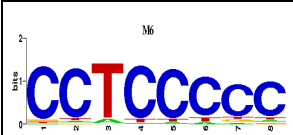

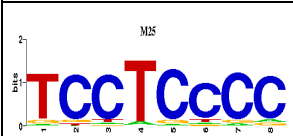
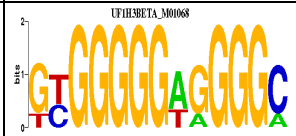
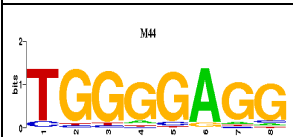

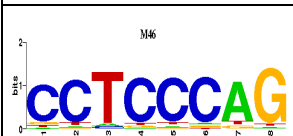
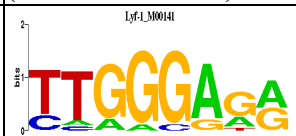


Best match in TRANSFAC

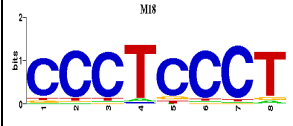

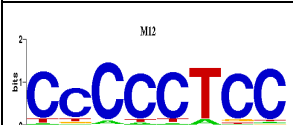
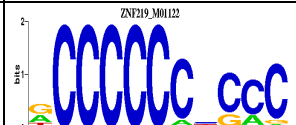


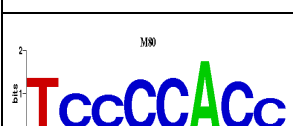



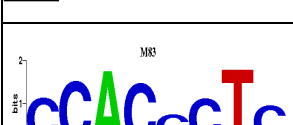


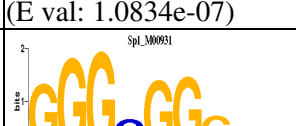

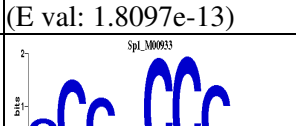
<p>M0</p> 	<p>Hb_M00022 (E val: 1.1133e-06)</p> 
<p>M2</p> 	<p>MEF-2_M00405 (E val: 1.9947e-07)</p> 
<p>M1</p> 	<p>MEF-2_M00405 (E val: 2.6419e-06)</p> 
<p>M3</p> 	<p>AG_M01133 (E val: 8.5164e-08)</p> 
<p>M4</p> 	<p>Helios_M01004 (E val: 2.4604e-11)</p> 
<p>M7</p> 	<p>MAF_M00648 (E val: 3.7296e-06)</p> 
<p>M81</p> 	<p>Helios_M01004 (E val: 1.0608e-04)</p> 
<p>M77</p> 	<p>BLIMP1_M01066 (E val: 7.1817e-09)</p> 

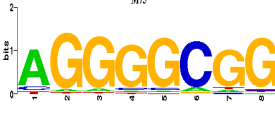

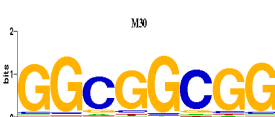










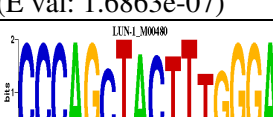


<p>M5</p>  <p>M5</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 6.5636e-11)</p>
<p>M29</p>  <p>M29</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 6.6965e-11)</p>
<p>M19</p>  <p>M19</p>	<p>Tel-2_M00678</p>  <p>Tel-2_M00678 (E val: 2.8028e-09)</p>
<p>M21</p>  <p>M21</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 3.6334e-07)</p>
<p>M37</p>  <p>M37</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 3.5262e-06)</p>
<p>M67</p>  <p>M67</p>	<p>GABP_M00341</p>  <p>GABP_M00341 (E val: 5.4796e-12)</p>
<p>M40</p>  <p>M40</p>	<p>PEND_M01015</p>  <p>PEND_M01015 (E val: 3.1061e-04)</p>
<p>M47</p>  <p>M47</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 3.3167e-07)</p>
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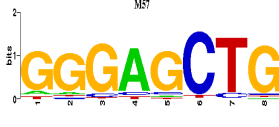
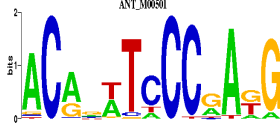
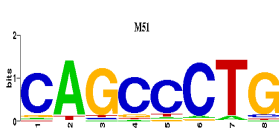

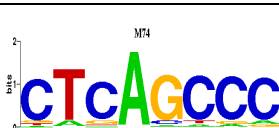

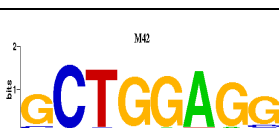



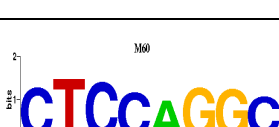
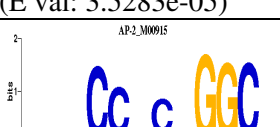

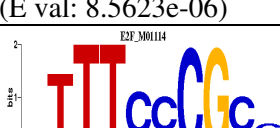

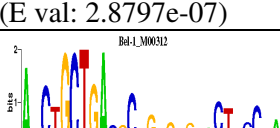
 <p>M10</p>	 <p>PBF_M01130 (E val: 2.2285e-06)</p>
 <p>M68</p>	 <p>ISGF-3_M00258 (E val: 3.6965e-07)</p>
 <p>M31</p>	 <p>MAZ_M00649 (E val: 1.0197e-06)</p>
 <p>M73</p>	 <p>UF1H3BETA_M01068 (E val: 5.3519e-06)</p>
 <p>M93</p>	 <p>MAZ_M00649 (E val: 9.9983e-07)</p>
 <p>M87</p>	 <p>E2A_M00973 (E val: 1.3729e-05)</p>
 <p>M20</p>	 <p>GAGA_M00723 (E val: 1.8277e-05)</p>
 <p>M24</p>	 <p>HSF1_M01023 (E val: 8.5872e-06)</p>

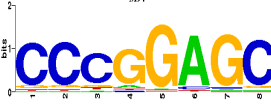








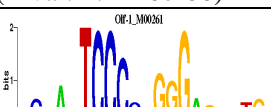

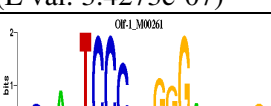



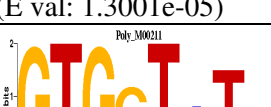
<p>M16</p>  <p>M16</p>	<p>GAL4_M00198</p>  <p>GAL4_M00198 (E val: 4.9555e-06)</p>
<p>M48</p>  <p>M48</p>	<p>Eve_M00629</p>  <p>Eve_M00629 (E val: 3.6557e-04)</p>
<p>M63</p>  <p>M63</p>	<p>TBX5_M01044</p>  <p>TBX5_M01044 (E val: 2.6960e-05)</p>
<p>M58</p>  <p>M58</p>	<p>YY1_M00069</p>  <p>YY1_M00069 (E val: 2.5506e-10)</p>
<p>M6</p>  <p>M6</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 4.0732e-11)</p>
<p>M25</p>  <p>M25</p>	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 2.1291e-07)</p>
<p>M44</p>  <p>M44</p>	<p>Sp3_M00665</p>  <p>Sp3_M00665 (E val: 8.0501e-09)</p>
<p>M46</p>  <p>M46</p>	<p>Lyf-1_M00141</p>  <p>Lyf-1_M00141 (E val: 4.9030e-08)</p>

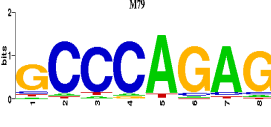

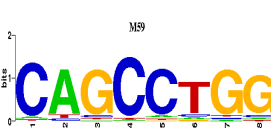
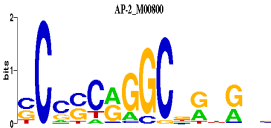
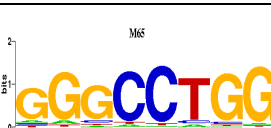
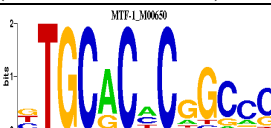
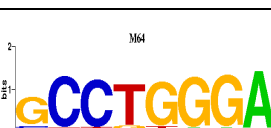
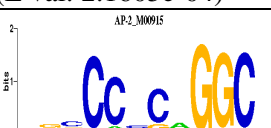
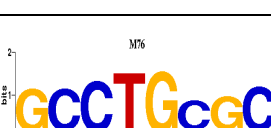

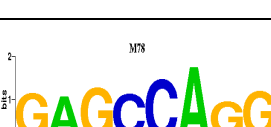


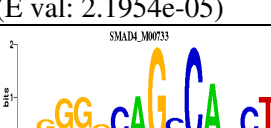

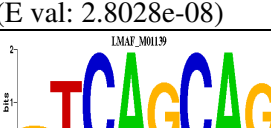
<p>M8</p>	<p>PU.1_M00658</p>
<p>M8 (E val: 3.7459e-06)</p>	<p>PU.1_M00658 (E val: 3.7459e-06)</p>
<p>M15</p>	<p>MAZ_M00649</p>
<p>M15 (E val: 2.3408e-07)</p>	<p>MAZ_M00649 (E val: 2.3408e-07)</p>
<p>M33</p>	<p>UF1H3BETA_M01068</p>
<p>M33 (E val: 2.9920e-06)</p>	<p>UF1H3BETA_M01068 (E val: 2.9920e-06)</p>
<p>M53</p>	<p>Ttk_M00009</p>
<p>M53 (E val: 2.0207e-07)</p>	<p>Ttk_M00009 (E val: 2.0207e-07)</p>
<p>M26</p>	<p>SMAD4_M00733</p>
<p>M26 (E val: 3.8763e-05)</p>	<p>SMAD4_M00733 (E val: 3.8763e-05)</p>
<p>M14</p>	<p>TFII-I_M00706</p>
<p>M14 (E val: 8.5911e-09)</p>	<p>TFII-I_M00706 (E val: 8.5911e-09)</p>
<p>M45</p>	<p>TFII-I_M00706</p>
<p>M45 (E val: 1.1679e-08)</p>	<p>TFII-I_M00706 (E val: 1.1679e-08)</p>
<p>M17</p>	<p>MAZ_M00649</p>
<p>M17 (E val: 2.3193e-11)</p>	<p>MAZ_M00649 (E val: 2.3193e-11)</p>

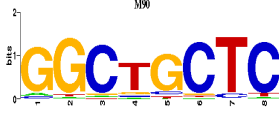

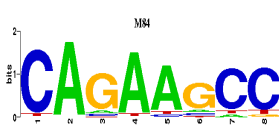

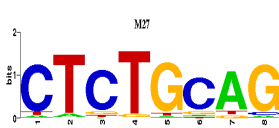

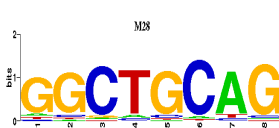
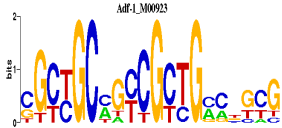
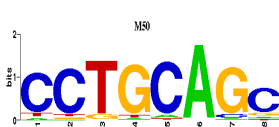
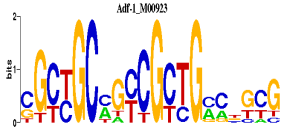
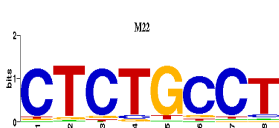

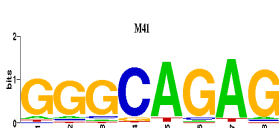

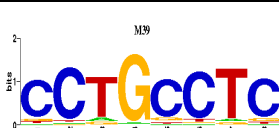

<p>M18</p>  <p>M18</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 2.2380e-11)</p>
<p>M12</p>  <p>M12</p>	<p>ZNF219_M01122</p>  <p>ZNF219_M01122 (E val: 8.1612e-10)</p>
<p>M34</p>  <p>M34</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 2.0468e-07)</p>
<p>M80</p>  <p>M80</p>	<p>Alfin1_M00479</p>  <p>Alfin1_M00479 (E val: 2.1880e-07)</p>
<p>M23</p>  <p>M23</p>	<p>GBF_M00633</p>  <p>GBF_M00633 (E val: 1.4643e-09)</p>
<p>M83</p>  <p>M83</p>	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 1.0834e-07)</p>
<p>M9</p>  <p>M9</p>	<p>Sp1_M00931</p>  <p>Sp1_M00931 (E val: 1.8097e-13)</p>
<p>M11</p>  <p>M11</p>	<p>Sp1_M00933</p>  <p>Sp1_M00933 (E val: 2.8066e-13)</p>

<p>M75</p> 	<p>Sp1_M00933 (E val: 4.4208e-09)</p> 
<p>M30</p> 	<p>ERF2_M01057 (E val: 4.8358e-09)</p> 
<p>M43</p> 	<p>ERF2_M01057 (E val: 4.6777e-09)</p> 
<p>M35</p> 	<p>GC_M00255 (E val: 1.5407e-10)</p> 
<p>M89</p> 	<p>GC_M00255 (E val: 6.0463e-07)</p> 
<p>M95</p> 	<p>KROX_M00982 (E val: 1.6863e-07)</p> 
<p>M32</p> 	<p>LUN-1_M00480 (E val: 3.1727e-06)</p> 
<p>M36</p> 	<p>HEB_M00698 (E val: 7.3048e-07)</p> 

 <p>M57</p>	 <p>ANT_M00501 (E val: 1.7204e-05)</p>
 <p>M51</p>	 <p>ZBRK1_M01105 (E val: 2.9338e-05)</p>
 <p>M74</p>	 <p>Dde_M00304 (E val: 1.0382e-09)</p>
 <p>M42</p>	 <p>Barbie_M00238 (E val: 1.1513e-08)</p>
 <p>M82</p>	 <p>Barbie_M00238 (E val: 3.5283e-05)</p>
 <p>M60</p>	 <p>AP-2_M00915 (E val: 8.5623e-06)</p>
 <p>M61</p>	 <p>E2F_M01114 (E val: 2.8797e-07)</p>
 <p>M85</p>	 <p>Bel-1_M00312 (E val: 4.2987e-06)</p>

<p>M94</p>  <p>M94</p>	<p>AP-2alpha_M00469</p>  <p>AP-2alpha_M00469 (E val: 1.0509e-05)</p>
<p>M52</p>  <p>M52</p>	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 1.9145e-07)</p>
<p>M71</p>  <p>M71</p>	<p>Barbie_M00238</p>  <p>Barbie_M00238 (E val: 8.0359e-07)</p>
<p>M55</p>  <p>M55</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.4220e-06)</p>
<p>M56</p>  <p>M56</p>	<p>Olf-1_M00261</p>  <p>Olf-1_M00261 (E val: 3.4273e-07)</p>
<p>M88</p>  <p>M88</p>	<p>Olf-1_M00261</p>  <p>Olf-1_M00261 (E val: 2.3059e-08)</p>
<p>M69</p>  <p>M69</p>	<p>Alfin1_M00479</p>  <p>Alfin1_M00479 (E val: 1.3001e-05)</p>
<p>M72</p>  <p>M72</p>	<p>Poly_M00211</p>  <p>Poly_M00211 (E val: 2.7501e-05)</p>

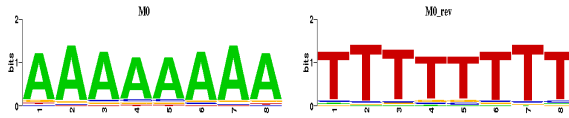
 <p>M79</p>	 <p>STAT_M00777 (E val: 4.7699e-04)</p>
 <p>M59</p>	 <p>AP-2_M00800 (E val: 3.4670e-05)</p>
 <p>M65</p>	 <p>MTF-1_M00650 (E val: 2.1605e-04)</p>
 <p>M64</p>	 <p>AP-2_M00915 (E val: 5.4915e-07)</p>
 <p>M76</p>	 <p>Nrf-1_M00652 (E val: 4.7740e-07)</p>
 <p>M78</p>	 <p>BRK_M01096 (E val: 2.1954e-05)</p>
 <p>M92</p>	 <p>SMAD4_M00733 (E val: 2.8028e-08)</p>
 <p>M13</p>	 <p>LMAF_M01139 (E val: 1.5295e-06)</p>

<p>M90</p>  <p>M90</p>	<p>Zic1_M00448</p>  <p>Zic1_M00448 (E val: 7.4724e-05)</p>
<p>M84</p>  <p>M84</p>	<p>GCR1_M00337</p>  <p>GCR1_M00337 (E val: 2.2588e-04)</p>
<p>M27</p>  <p>M27</p>	<p>LMAF_M01139</p>  <p>LMAF_M01139 (E val: 1.3635e-05)</p>
<p>M28</p>  <p>M28</p>	<p>Adf-1_M00923</p>  <p>Adf-1_M00923 (E val: 3.9371e-06)</p>
<p>M50</p>  <p>M50</p>	<p>Adf-1_M00923</p>  <p>Adf-1_M00923 (E val: 1.1235e-04)</p>
<p>M22</p>  <p>M22</p>	<p>SMAD3_M00701</p>  <p>SMAD3_M00701 (E val: 3.1702e-06)</p>
<p>M41</p>  <p>M41</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 2.6755e-06)</p>
<p>M39</p>  <p>M39</p>	<p>TFII-I_M00706</p>  <p>TFII-I_M00706 (E val: 1.4368e-07)</p>

<p>M70</p>	<p>E2A_M00973</p>
<p>M70 (E val: 9.3127e-06)</p>	<p>E2A_M00973 (E val: 9.3127e-06)</p>
<p>M66</p>	<p>Adf-1_M00923</p>
<p>M66 (E val: 1.0253e-06)</p>	<p>Adf-1_M00923 (E val: 1.0253e-06)</p>
<p>M86</p>	<p>GCR1_M00046</p>
<p>M86 (E val: 1.2922e-07)</p>	<p>GCR1_M00046 (E val: 1.2922e-07)</p>
<p>M49</p>	<p>E2A_M00973</p>
<p>M49 (E val: 9.4119e-06)</p>	<p>E2A_M00973 (E val: 9.4119e-06)</p>
<p>M62</p>	<p>MAF_M00648</p>
<p>M62 (E val: 2.2147e-05)</p>	<p>MAF_M00648 (E val: 2.2147e-05)</p>
<p>M38</p>	<p>LF-A1_M00646</p>
<p>M38 (E val: 1.2816e-05)</p>	<p>LF-A1_M00646 (E val: 1.2816e-05)</p>
<p>M54</p>	<p>Eve_M00629</p>
<p>M54 (E val: 9.3604e-05)</p>	<p>Eve_M00629 (E val: 9.3604e-05)</p>
<p>M91</p>	<p>HSF_M00641</p>
<p>M91 (E val: 3.4888e-07)</p>	<p>HSF_M00641 (E val: 3.4888e-07)</p>

Motif Similarity Matches

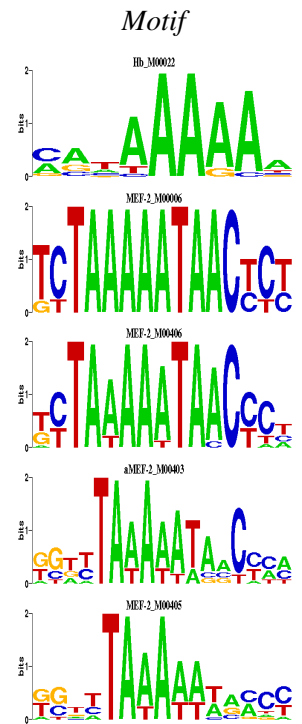
M0



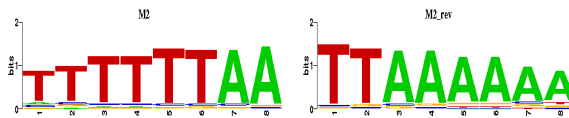
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Hb_M00022	1.1133e-06	-TTTTTTTT NTTTTTNYK
MEF-2_M00006	2.2522e-06	----TTTTTTTT-- RGRGTTATTTTTAGA
MEF-2_M00406	2.9636e-06	----TTTTTTTT-- NGGGTTATTTTTAGM
aMEF-2_M00403	4.2333e-06	----TTTTTTTT---- KKRGN TATTTTTARNCM
MEF-2_M00405	5.1337e-06	--TTTTTTTT---- RGKNWTTTTTANNSM



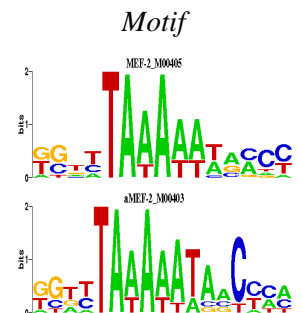
M2



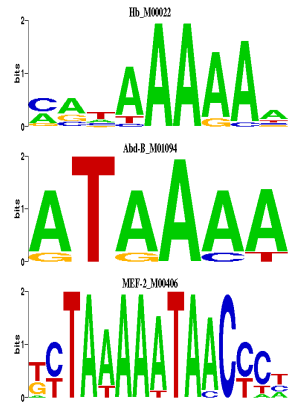
forward

reverse compliment

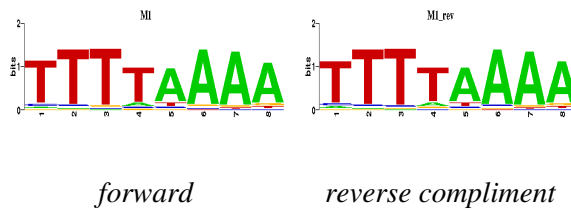
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MEF-2_M00405	1.9947e-07	----TTTTTTAA-- RGKNWTTTTTANNSM
aMEF-2_M00403	5.6393e-06	-----TTTTTTAA-- KKRGN TATTTTTARNCM



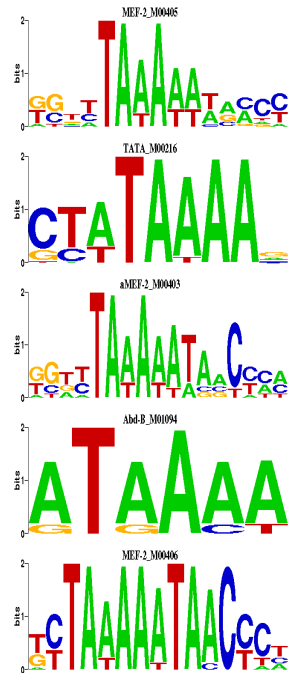
Hb_M00022	1.2110e-05	TTTTTTAA- NTTTTTNYK
Abd-B_M01094	2.3801e-05	TTTTTTAA --TTTTAT
MEF-2_M00406	3.8060e-05	-----TTTTTTAA- NGGGTTATTTTTAGM



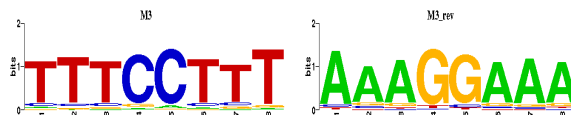
M1

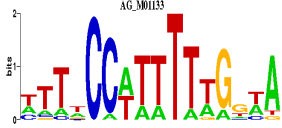






Name	E value	Alignment	Motif
MEF-2_M00405	2.6419e-06	-----TTTTAAAA- RGKNWTTTTTANNM	
TATA_M00216	5.8669e-06	-TTTTAAAA NTTTTATAG	
aMEF-2_M00403	1.7637e-05	-----TTTTAAAA- KKRGNATTTTTARNM	
Abd-B_M01094	2.5191e-05	TTTTAAAA TTTTAT--	
MEF-2_M00406	1.3041e-04	-----TTTTAAAA NGGGTTATTTTTAGM-	

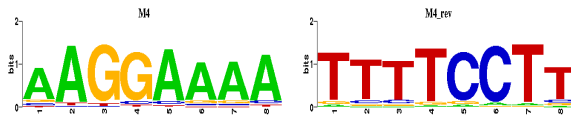


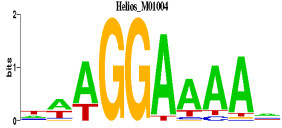
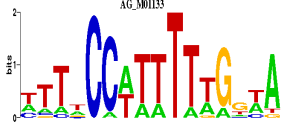
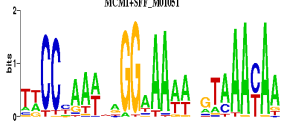

M3



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AG_M01133	8.5164e-08	-----AAAGGAAA-- TWNCAAAAAWGGNAAN	
Helios_M01004	1.7129e-07	--TTTCCTTT NTTTCCTWN	
PBF_M01130	2.2535e-06	TTTCCTTT ---CCTTT	
BLIMP1_M01066	6.9533e-06	---TTTCCTTT-- YMCTTTCMCTTYC	
MADS-A_M00408	7.8675e-06	TTTCCTTT----- TTTCATTTTNNWN	

M4

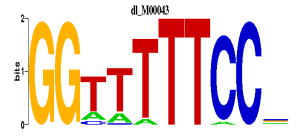


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Helios_M01004	2.4604e-11	-TTTTTCCTT- NTTTCCTWN	
AG_M01133	2.9857e-07	-----AAGGAAAA TWNCAAAAAWGGNAAN	
MCM1+SFF_M01051	6.6268e-06	-----TTTTTCCTT----- TTRTTTANNWTWTTNCCNNWTTNGGNA	
BLIMP1_M01066	1.1301e-05	--AAGGAAAA-- GRAAGKGAAGKR	

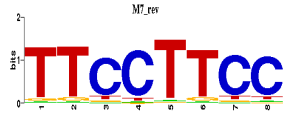
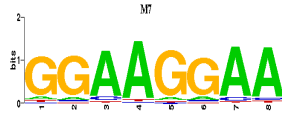
dl_M00043

1.5645e-05

AAGGAAAA---
-NGGAAAAACC



M7

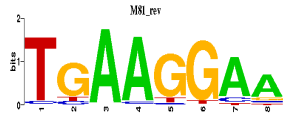
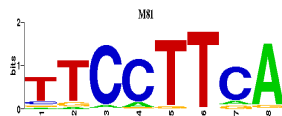


forward

reverse compliment

Name	E value	Alignment	Motif
MAF_M00648	3.7296e-06	GGAAGGAA----- NGRRGGAAGTKKNSN	
Tel-2_M00678	7.4320e-05	--GGAAGGAA CAGGAAGTA-	
Helios_M01004	8.8222e-05	---TTCCTTCC NTTTTCTWN-	
BLIMP1_M01066	1.0452e-04	----TTCCTTCC YMCTTTCMCTTYC	
NERF1a_M00531	1.2435e-04	-----TTCCTTCC SNNASNYRCTTCTGNY	

M81



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

Helios_M01004 1.0608e-04

---TTCCTTCA
NNTTTCCTWN-



MAF_M00648 1.2510e-04

-----TTCCTTCA
NSNMMACTTCCYYCN



Ets_M00971 2.2111e-04

TGAAGGAA-
--NAGGAAG



PU.1_M00658 2.8560e-04

-TTCCTTCA
CTTCCTC--

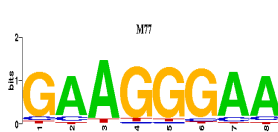


c-Ets-1_M00743 1.0734e-03

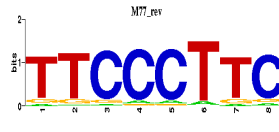
--TTCCTTCA
GCTTCK---



M77



forward



reverse compliment

Name E value

Alignment

Motif

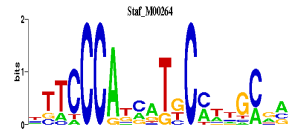
BLIMP1_M01066 7.1817e-09

-GAAGGGAA----
GRAAGKGAAGKR



Staf_M00264 8.7449e-05

-----GAAGGGAA-
NNGCENKGNANNNTGGGANN



IRF_M00972 2.0024e-04

--TTCCTTC
NNTTCWNTTT



EBF_M00977 2.1033e-04

---GAAGGGAA
NCYCWRGGGA-



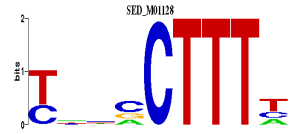
Stamp Results

10/01/13

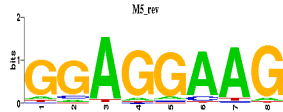
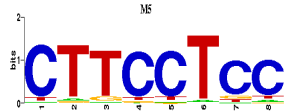
SED_M01128

2.8391e-04

-GAAGGGAA
NAAAGNNNA



M5



forward

reverse compliment

Name

E value

Alignment

Motif

PU.1_M00658

6.5636e-11

CTTCCTCC
CTTCCTC-



GCR1_M00046

1.6031e-08

GGAGGAAG-
-GWGGAAGC



Ets_M00971

2.4644e-07

GGAGGAAG
-NAGGAAG



Elf-1_M00746

7.6812e-07

--GGAGGAAG-
NAAGAGGAART



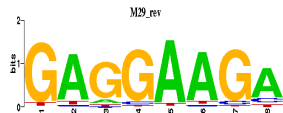
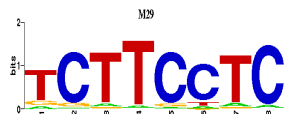
PEA3_M00655

1.1461e-06

GGAGGAAG
--MGGAWG



M29



forward

reverse compliment

Name






E value

Alignment

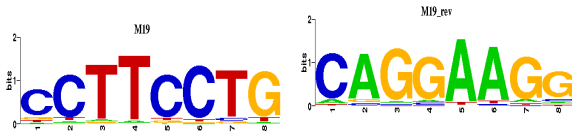
Motif

Stamp Results

10/01/13


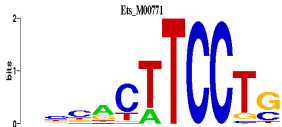


PU.1_M00658	6.6965e-11	TCTTCCTC -CTTCCTC	
GCR1_M00046	1.2831e-08	TCTTCCTC GCTTCWC	
Ets_M00971	2.8972e-07	GAGGAAGA NAGGAAG-	
Elf-1_M00746	9.1040e-07	TCTTCCTC--- AYTTCCTCTTN	
PEA3_M00655	9.7486e-07	GAGGAAGA -MGGAWG-	

M19



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	2.8028e-09	CAGGAAGG- CAGGAAGTA	
Ets_M00771	1.0140e-07	CAGGAAGG--- CAGGAAGYNNN	
Ets_M00971	2.1657e-07	CAGGAAGG NAGGAAG-	
c-Ets-2_M00340	2.9896e-07	-CAGGAAGG---- RCAGGAAGTNNNT	

Stamp Results

10/01/13

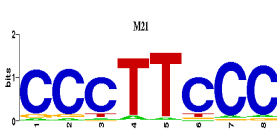
PU.1_M00658

3.0506e-07

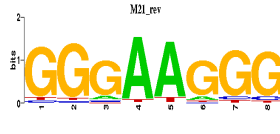
CCTTCCTG
-CTTCCTC



M21



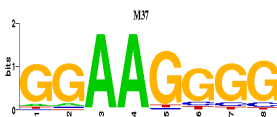
forward



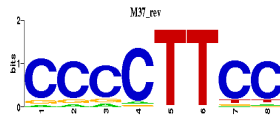
reverse compliment

Name	E value	Alignment	Motif
UF1H3BETA_M01068	3.6334e-07	-CCCTTCCC----- GCCCTTCCCCRC	
MAZ_M00649	3.7069e-06	CCCTTCCC -CCCTCCC	
BLIMP1_M01066	8.1667e-06	-----CCCTTCCC YMCTTTCMCTTYC-	
Sp3_M00665	2.3802e-05	-----GGGAAGGG SMCTTGGGSRGGG	
ZNF219_M01122	3.3529e-05	GGGAAGGG--- GGGNGGGGGGN	

M37



forward

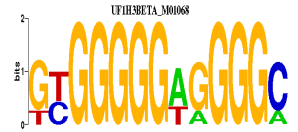


reverse compliment

Name	E value	Alignment	Motif
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UF1H3BETA_M01068 3.5262e-06

-CCCCTTCC----
GCCCCTCCCCRC



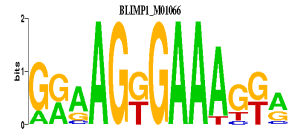
MAZ_M00649 4.8591e-06

CCCCTTCC
-CCCTCCC



BLIMP1_M01066 6.1807e-06

-----CCCCTTCC
YMCTTTTCMCTTYC



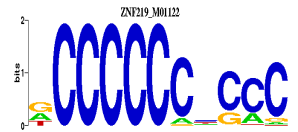
STRE_M00308 1.9937e-05

-CCCCTTCC
NCCCCT---

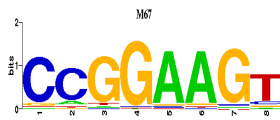


ZNF219_M01122 2.8939e-05

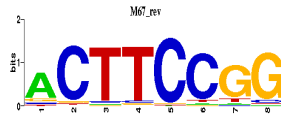
-GGAAGGGG--
GGGNGGGGGGN



M67



forward



reverse compliment

Name E value

Alignment

Motif

GABP_M00341 5.4796e-12

CCGGAAGT---
CCGGAAGNGCR



c-Ets-1_p54_M00032 5.9741e-11

-ACTTCCGG
NRCWTCCG



E74A_M00016 2.6358e-10

-----CCGGAAGT-----
NAANCCGGAARTNNNN



Nrf-2_M00108 8.3756e-10

-ACTTCCGG
SNCTTCCG



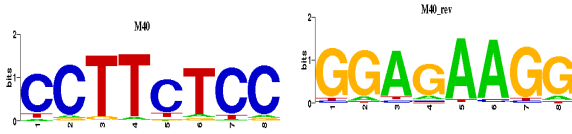
Tel-2_M00678

2.5784e-09

-ACTTCCGG
TACTTCCTG



M40



forward

reverse compliment

Name E value Alignment Motif

PEND_M01015

3.1061e-04

CCTTCTCC
ACTTCTT-



PU.1_M00658

1.0562e-03

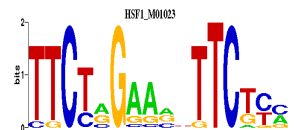
CCTTCTCC
-CTTCCTC



HSF1_M01023

1.2780e-03

GGAGAAGG-----
KRAGAANNNTTCYAGAA



UF1H3BETA_M01068 1.4657e-03

---GGAGAAGG--
GYGGGGGAGGGGC

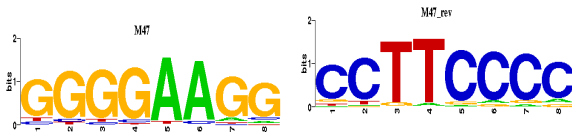


AtMYB-84_M00970 2.4850e-03

---CCTTCTCC-
SCACCTACCNC



M47



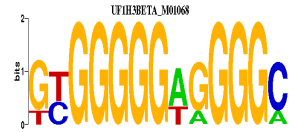
forward

reverse compliment

Name E value Alignment Motif

UF1H3BETA_M01068 3.3167e-07

--CCTTCCCC---
GCCCCCTCCCCRC



AtMYB-84_M00970 8.9205e-07

-GGGGAAGG---
GGNGGTAGGTGS



PU.1_M00658 1.0576e-06

GGGGAAGG
GAGGAAG-



MAZ_M00649 3.2891e-06

GGGGAAGG
-GGGAGGG

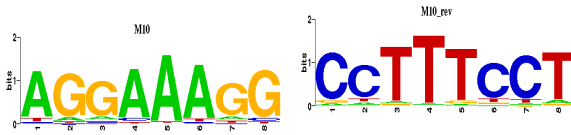


Sp3_M00665 3.3264e-05

-----GGGGAAGG
SMCTTGGGSRGGG



M10



forward

reverse compliment

Name

E value

Alignment

Motif

PBF_M01130

2.2285e-06

CCTTTCCT
CCTTT---



BLIMP1_M01066

8.4821e-06

-CCTTTCCT----
YMCTTTCMCTTYC



BPC1_M01126

1.3103e-05

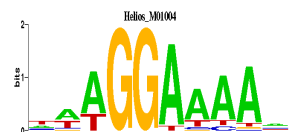
CCTTTCCT
-NTTTC--



Helios_M01004

2.1337e-05

CCTTTCCT--
NITTTCTWN



Stamp Results

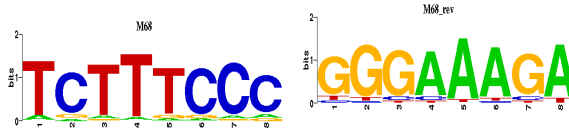
10/01/13

NF-kappaB_M00208 1.3189e-04

AGGAAAGG---
 NNGAAARTCCC



M68



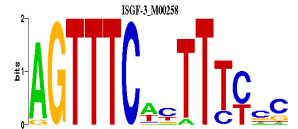
forward

reverse compliment

Name E value Alignment Motif

ISGF-3_M00258 3.6965e-07

-----TCTTTCCC
 AGTTTCWNTTTCNC



BLIMP1_M01066 7.8146e-07

-TCTTTCCC----
 YMCTTTCMCTTYC



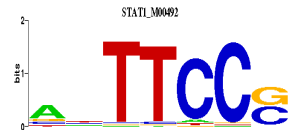
BPC1_M01126 2.4779e-05

TCTTTCCC
 -NTTTC--



STAT1_M00492 3.4956e-05

GGGAAAGA
 SGAANT-

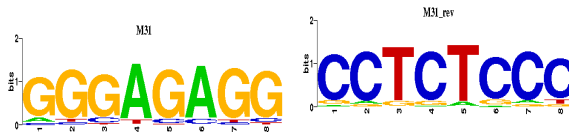


E2F_M01114 4.2536e-05

---GGGAAAGA
 NCGGGAAAN-



M31



forward

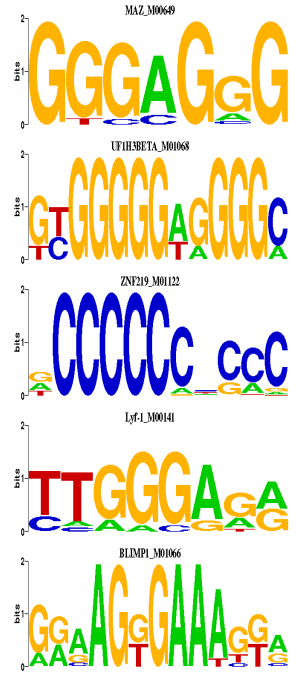
reverse compliment

Name E value Alignment Motif

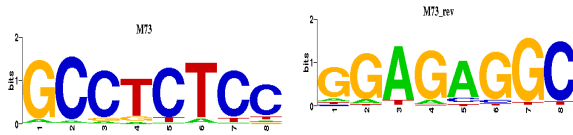
Stamp Results

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MAZ_M00649	1.0197e-06	GGGAGAGG GGGAGGG-
UF1H3BETA_M01068	3.8466e-06	-CCTCTCCC----- GCCCTCCCCRC
ZNF219_M01122	2.0917e-05	GGGAGAGG--- GGGNGGGGGGN
Lyf-1_M00141	4.5010e-05	CCTCTCCC-- --YCTCCCAA
BLIMP1_M01066	7.8679e-05	-CCTCTCCC----- YMCTTTCMCTTYC



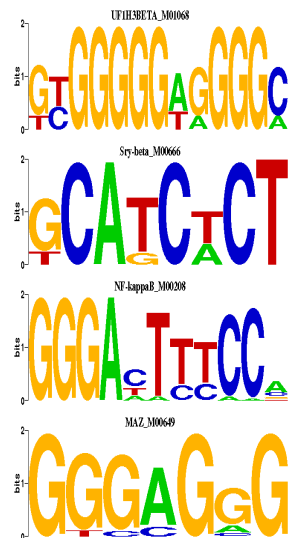
M73



forward

reverse compliment

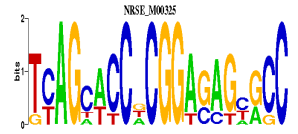
Name	E value	Alignment
UF1H3BETA_M01068	5.3519e-06	GCCTCTCC----- GCCCTCCCCRC
Sry-beta_M00666	4.6510e-05	GCCTCTCC GCATCWCT
NF-kappaB_M00208	3.1397e-04	--GCCTCTCC-- GGGAYTTTCN
MAZ_M00649	9.5401e-04	GCCTCTCC-- --CCCTCCC



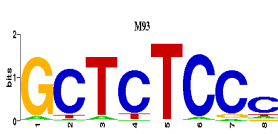
NRSE_M00325

1.0508e-03

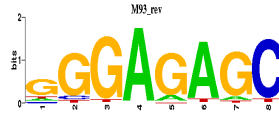
-----GGAGAGGC--
TCAGCACCNCGGAGAGYGCC



M93



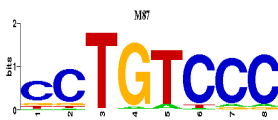
forward



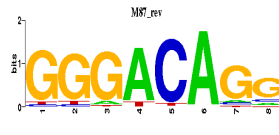
reverse compliment

Name	E value	Alignment	Motif
MAZ_M00649	9.9983e-07	GGGAGAGC GGGAGGG-	
NRSE_M00325	1.6565e-05	---GCTCTCCC----- GGCRCTCTCCGNGGTGCTGA	
Lyf-1_M00141	2.6910e-05	--GGGAGAGC TTGGGAGR--	
Dde_M00304	6.5532e-05	GGGAGAGC GGCTGAGC	
FACB_M00390	8.4113e-05	-----GGGAGAGC----- NWNNTCCNNNNNNNNNNKGANNNN	

M87



forward


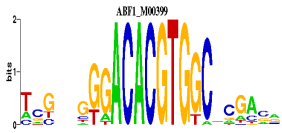

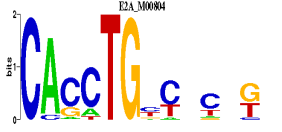


reverse compliment

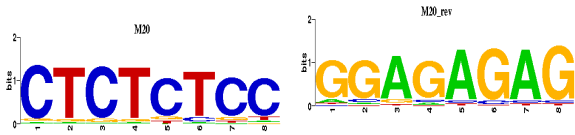
Name	E value	Alignment	Motif
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Stamp Results

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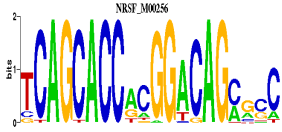
E2A_M00973	1.3729e-05	GGGACAGG- --RNCAGNT	
ABF1_M00399	1.4082e-05	-----GGGACAGG----- WNNNNGGGACACGTGGCNGGANN	
LF-A1_M00646	3.8597e-05	CCTGTCCC -YWGASCC	
MyoD_M00184	4.1127e-05	GGGACAGG--- --GNCAGNTGN	
E2A_M00804	4.2828e-05	---GGGACAGG-- NMNGNGNCAGGTG	

M20



forward

reverse compliment

Name	E value	Alignment	Motif
GAGA_M00723	1.8277e-05	GGAGAGAG--- -SWGAGMGNRA	
NRSE_M00325	2.9618e-05	--CTCTCTCC----- GGCRCTCTCCGNGGTGCTGA	
TFII-I_M00706	2.4030e-04	-CTCTCTCC CCTMCNTC-	
NRSF_M00256	5.1367e-04	--CTCTCTCC----- GSYGCTGTCCGTGGTGCTGA	

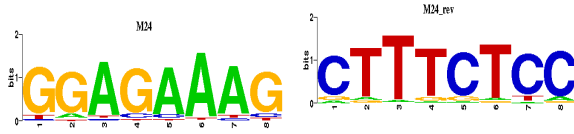
MAZ_M00649

7.2189e-04

-GGAGAGAG
GGGAGGG--



M24



forward

reverse compliment

Name

E value

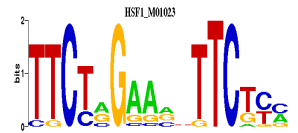
Alignment

Motif

HSF1_M01023

8.5872e-06

-----CTTCTCC
TTCTRGAANNTTCTYM



PU.1_M00658

1.1833e-05

CTTCTCC
CTTCCTC-



BPC1_M01126

2.5711e-05

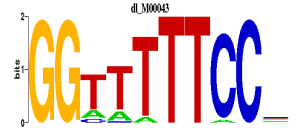
CTTCTCC
NTTTC---



dI_M00043

1.8577e-04

-GGAGAAAG-
NGGAAAAACC



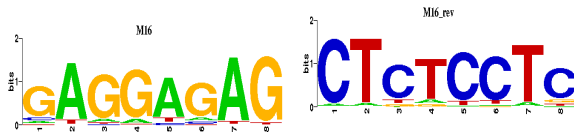
STE11_M01005

1.9299e-04

---CTTCTCC
TTTCTTTGTTT



M16



forward

reverse compliment

Name

E value

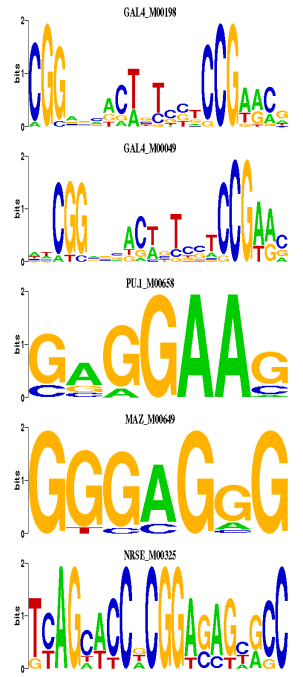
Alignment

Motif

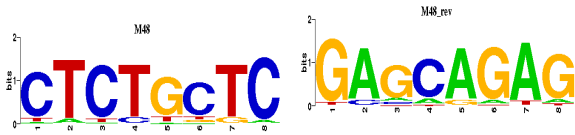
Stamp Results

10/01/13

GAL4_M00198	4.9555e-06	-----GAGGAGAG----- NGYTTCGNNNANAGNNNNCCG
GAL4_M00049	2.1617e-05	-----GAGGAGAG----- STTCGGASNANWGTNNNCCGNN
PU.1_M00658	3.3250e-04	CTCTCCTC -CTTCCTC
MAZ_M00649	6.1295e-04	CTCTCCTC CCCTCCC-
NRSE_M00325	9.6105e-04	-----GAGGAGAG----- TCAGCACCCGAGAGYGCC



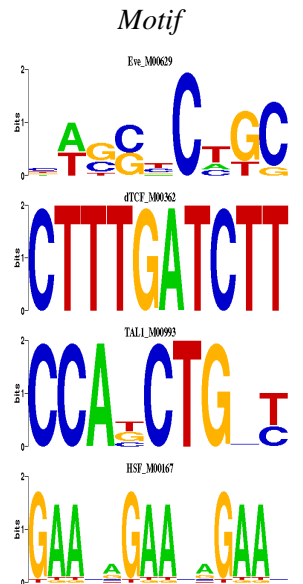
M48



forward

reverse compliment

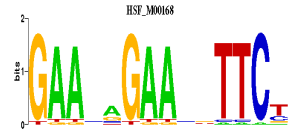
Name	E value	Alignment
Eve_M00629	3.6557e-04	---CTCTGCTC NWSSNCNGC--
dTCF_M00362	5.9086e-04	CTCTGCTC-- CITTGATCTT
TAL1_M00993	5.9212e-04	GAGCAGAG-- -RNCAGNTGG
HSF_M00167	6.5674e-04	-CTCTGCTC----- NTTCNNTTCNNTTC



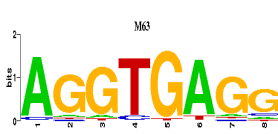
HSF_M00168

6.5674e-04

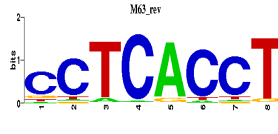
-----CTCTGCTC
NGAANN TTCNNTTC



M63



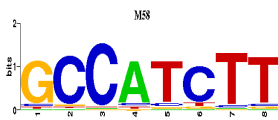
forward



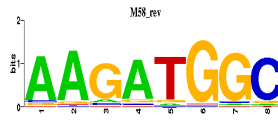
reverse compliment

Name	E value	Alignment	Motif
TBX5_M01044	2.6960e-05	-AGGTGAGG AAGGTGTGA	
CACCC-binding_M00721	5.7324e-05	-----AGGTGAGG ANCMNNWGGGTGNGG	
Alfin1_M00479	8.3286e-05	---CCTCACCT--- MNNCCCCACNYNYN	
AREB6_M00412	1.2973e-04	----AGGTGAGG RNWCAGGTRNRN	
PPARalpha-RXRalpha_M00518	1.5111e-04	CCTCACCT----- CNTSACCCCNATGACCNN	

M58



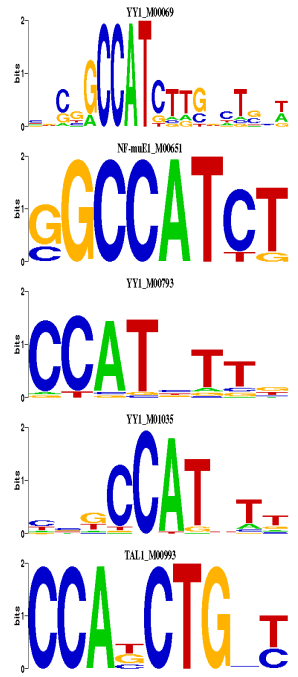
forward



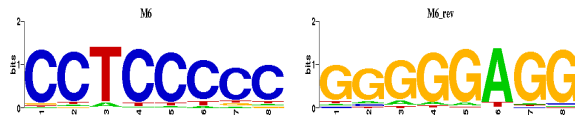
reverse compliment

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

YY1_M00069	2.5506e-10	-----AAGATGGC----- WNSANNCAAGATGGCNGNN
NF-muE1_M00651	3.3084e-10	AAGATGGC- -AGATGGCC
YY1_M00793	2.1736e-09	-AAGATGGC NAANATGG-
YY1_M01035	5.7676e-05	AAGATGGC-- NANATGGMNN
TAL1_M00993	8.6874e-05	--AAGATGGC RNCAGNTGG-



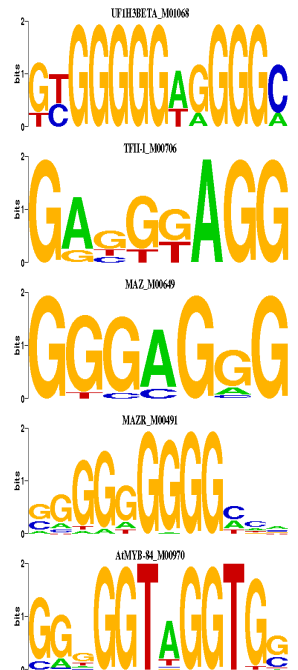
M6



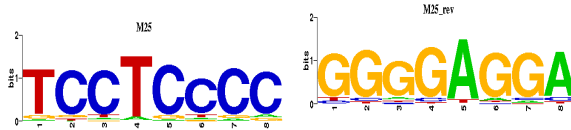
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	4.0732e-11	---CCTCCCC-- GCCCCTCCCCRC	UF1H3BETA_M01068 GTGGGGGAGGGC TCGTTA
TFII-I_M00706	1.3949e-08	GGGGGAGG GANGKAGG	TFII-I_M00706 GAAGGAGG GTT
MAZ_M00649	2.5406e-07	-CCTCCCC CCCTCCC--	MAZ_M00649 GGGAGGG
MAZR_M00491	7.7899e-07	---CCTCCCC- NNKCCCCCCCCS	MAZR_M00491 GGGGGGGG
AtMYB-84_M00970	9.9598e-07	---CCTCCCC- SCACCTACCNC	AtMYB-84_M00970 GGGGTGGTGG CAATTC



M25

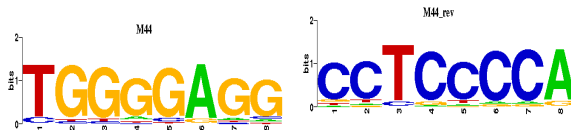


forward

reverse compliment

Name	E value	Alignment	Motif
UF1H3BETA_M01068	2.1291e-07	--TCCTCCCC--- GCCCTCCCCRC	
MAZ_M00649	2.1804e-07	GGGGAGGA -GGGAGGG	
Tra-1_M01048	2.1084e-06	TCCTCCCC ACCWCC-	
TFII-I_M00706	1.0536e-05	TCCTCCCC- -CCTMCNTC	
Sp3_M00665	1.2929e-05	-----GGGGAGGA SMCTTGGGSRGGG	





M44



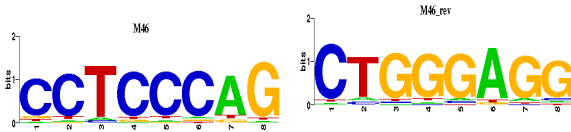
forward

reverse compliment

Name	E value	Alignment	Motif
Sp3_M00665	8.0501e-09	-CCTCCCCA----- CCCYSCCCAAGKS	






MAZ_M00649	2.2852e-07	-CCTCCCCA CCCTCCC--	
UF1H3BETA_M01068	3.1032e-07	---CCTCCCCA-- GCCCCTCCCCRC	
Lyf-1_M00141	2.2280e-06	CCTCCCCA YCTCCCAA	
Tra-1_M01048	3.3009e-06	-CCTCCCCA ACCWCCC--	

M46

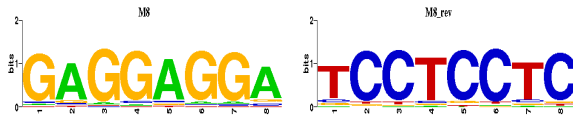


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Lyf-1_M00141	4.9030e-08	CCTCCCAG YCTCCCAA	
MAZ_M00649	2.3042e-07	-CCTCCCAG CCCTCCC--	
Tra-1_M01048	2.2847e-06	CTGGGAGG- --GGWGGT	
TFII-I_M00706	1.2780e-05	CCTCCCAG CCTMCNTC	
GLI_M01037	1.3993e-05	---CCTCCCAG NGACCACCCAN	

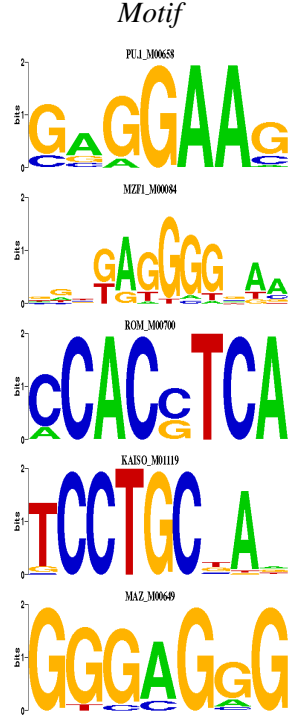
M8



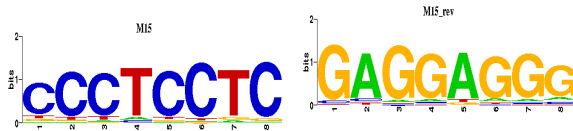
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
PU.1_M00658	3.7459e-06	GAGGAGGA GAGGAAG-
MZF1_M00084	5.0442e-06	-TCCTCCTC--- TTNCCCTCENN
ROM_M00700	7.3776e-05	-GAGGAGGA TGASGTGG-
KAISO_M01119	1.4291e-04	-GAGGAGGA NTNGCAGGA
MAZ_M00649	2.1320e-04	TCCTCCTC CCCTCCC-



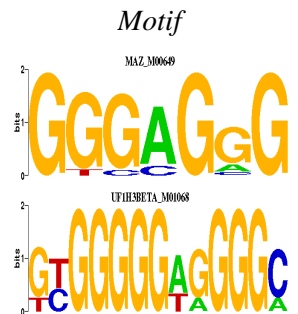
M15



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAZ_M00649	2.3408e-07	CCCTCCTC CCCTCCC-
UF1H3BETA_M01068	3.6127e-06	--CCCTCCTC--- GCCCTCCCCRC



Stamp Results

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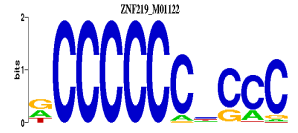
PU.1_M00658 4.0898e-06

CCCTCCTC
-CTTCCTC



ZNF219_M01122 1.5821e-05

--GAGGAGGG--
GGGNGGGGGGN

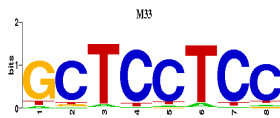


Alfin1_M00479 5.4816e-05

--GAGGAGGG----
NRRNRGTGGGGNNK



M33



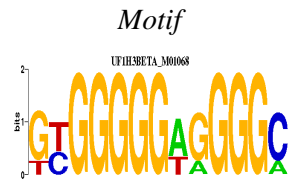
forward



reverse complement

Name *E value*
UF1H3BETA_M01068 2.9920e-06

Alignment
-----GGAGGAGC
GYGGGGGAGGGGC



Nrf-2_M00108 1.2751e-04

GCTCCTCC--
-SNCTTCCGG



MAZ_M00649 2.3304e-04

GCTCCTCC--
--CCCTCCC



GC_M00255 2.5501e-04

--GCTCCTCC---
NNGCCCCGCCNN

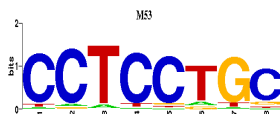


Dde_M00304 2.5928e-04

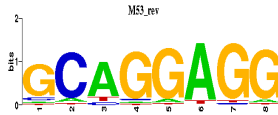
GGAGGAGC
GGCTGAGC



M53

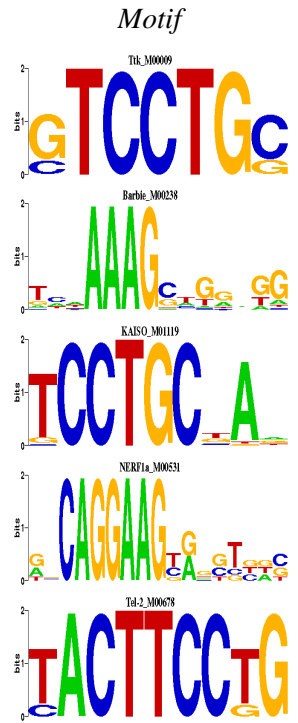


forward

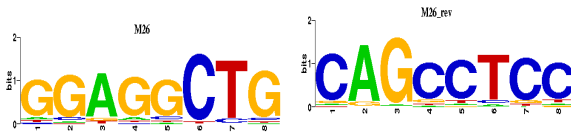


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Ttk_M00009	2.0207e-07	CCTCCTGC -GTCCTGC
Barbie_M00238	2.5972e-06	-----GCAGGAGG NNNAAAGSNGNNKG
KAISO_M01119	5.7064e-06	---GCAGGAGG NTNGCAGGA--
NERF1a_M00531	5.4946e-05	-----CCTCCTGC- SNNASNYRCTTCTGNY
Tel-2_M00678	6.3393e-05	--CCTCCTGC TACTTCTG-



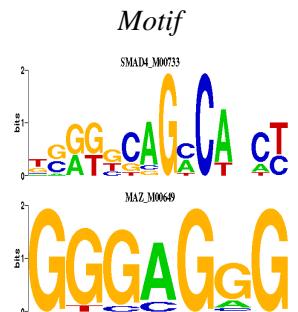
M26



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
SMAD4_M00733	3.8763e-05	-GGAGGCTG----- RGNTGKCTGNMYSN
MAZ_M00649	2.4028e-04	CAGCCTCC- --CCCTCCC



ERF2_M01057 3.1740e-04

GGAGGCTG
GGCGGC--



CAC-binding_M00720 5.3357e-04

--CAGCCTCC
CCCASCCY--

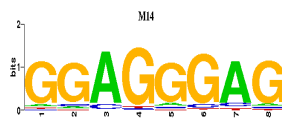


Dde_M00304 1.0087e-03

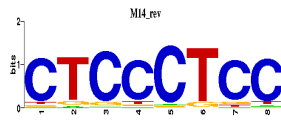
GGAGGCTG---
---GGCTGAGC



M14



forward



reverse compliment

Name

E value

Alignment

Motif

TFII-I_M00706 8.5911e-09

-CTCCCTCC
CCTMCNTC-



MAZ_M00649 1.8449e-07

CTCCCTCC-
--CCCTCCC



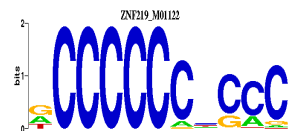
PU.1_M00658 7.7278e-06

GGAGGGAG
-GAGGAAG



ZNF219_M01122 3.8335e-05

--CTCCCTCC-
NCCCCCNCCC

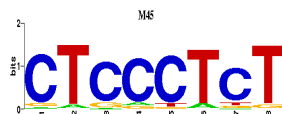


MAF_M00648 1.1999e-04

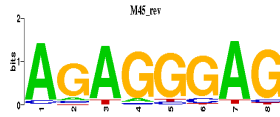
-----CTCCCTCC
NSNMMACTTCCYYCN



M45

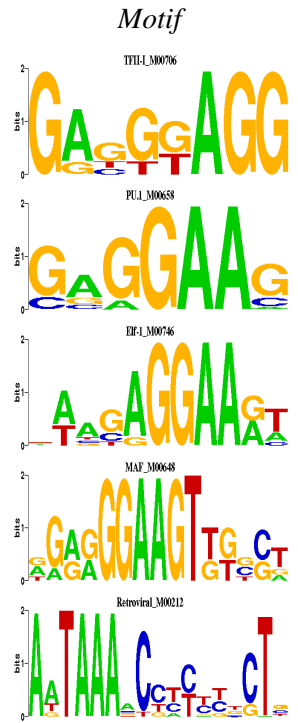


forward

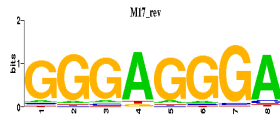
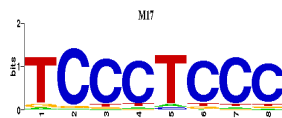


reverse compliment

Name	E value	Alignment
TFII-I_M00706	1.1679e-08	-CTCCCTCT CCTMCNTC-
PU.1_M00658	1.1172e-05	CTCCCTCT CTTCCTC-
Elf-1_M00746	2.4135e-05	--AGAGGGAG-- NAAGAGGAART
MAF_M00648	1.3734e-04	-----CTCCCTCT NSNMMACTTCCYYCN
Retroviral_M00212	1.7261e-04	-AGAGGGAG----- NAGNRRRRRRGNTTTATT



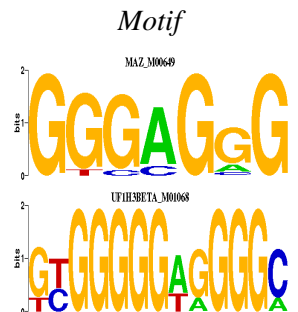
M17



forward

reverse compliment

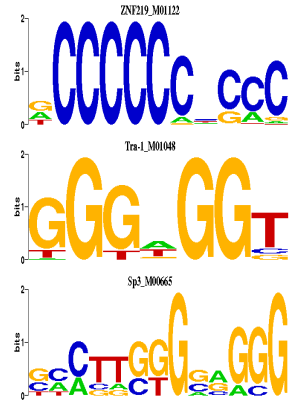
Name	E value	Alignment
MAZ_M00649	2.3193e-11	TCCCTCCC -CCCTCCC
UF1H3BETA_M01068	2.1755e-07	-TCCCTCCC---- GCCCTCCCCRC



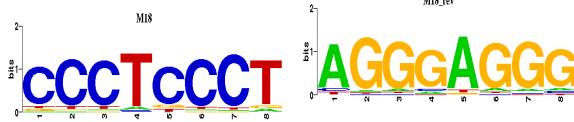
Stamp Results

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ZNF219_M01122	1.5505e-06	---TCCCTCCC NCCCCCNCCC
Tra-1_M01048	2.2898e-06	TCCCTCCC -ACCWCCC
Sp3_M00665	5.8378e-06	TCCCTCCC----- -CCCYSCCCAAGKS



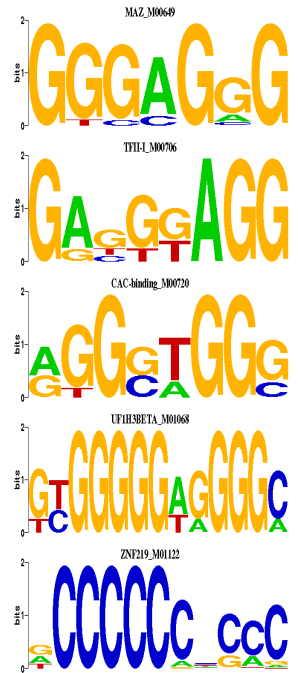
M18



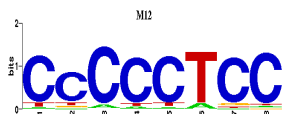
forward

reverse complement

Name	E value	Alignment
MAZ_M00649	2.2380e-11	AGGGAGGG -GGGAGGG
TFII-I_M00706	1.1944e-08	CCCTCCCT- -CCTMCNTC
CAC-binding_M00720	3.7192e-08	AGGGAGGG RGGSTGGG
UF1H3BETA_M01068	2.1704e-07	--CCCTCCCT-- GCCCTCCCCRC
ZNF219_M01122	1.6211e-06	AGGGAGGG---- -GGNGGGGGGN



M12

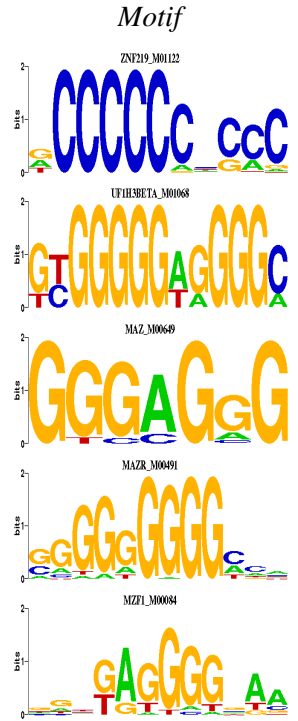


forward

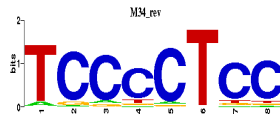
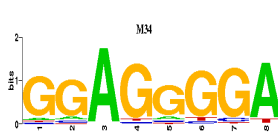


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
ZNF219_M01122	8.1612e-10	--CCCCCTCC-- NCCCCCNCCC
UF1H3BETA_M01068	1.7292e-07	CCCCCTCC----- GCCCTCCCCRC
MAZ_M00649	2.4946e-07	CCCCCTCC-- --CCCTCCC
MAZR_M00491	6.1595e-07	---CCCCCTCC-- NNKCCCCCCCCS
MZF1_M00084	8.2850e-07	--CCCCCTCC-- TTNCCCCTCNNN



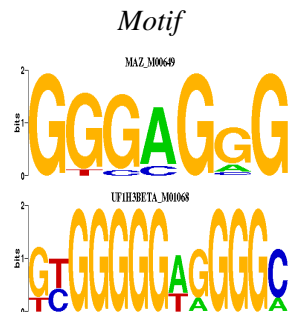
M34



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAZ_M00649	2.0468e-07	TCCCCTCC-- --CCCTCCC
UF1H3BETA_M01068	3.0443e-07	TCCCCTCC----- GCCCTCCCCRC

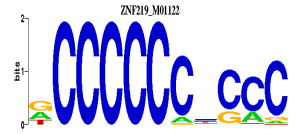


Stamp Results

10/01/13

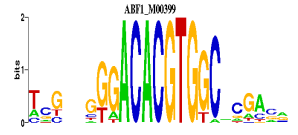
ZNF219_M01122 1.9108e-06

--GGAGGGGA--
GGGNGGGGGGN



ABF1_M00399 1.7503e-05

-----TCCCCTCC--
NNTCNGGCCACGTGTCCCNNNNW

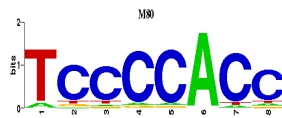


STRE_M00308 1.8387e-05

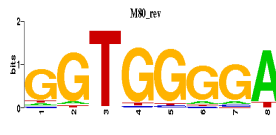
TCCCCTCC
NCCCCT--



M80



forward



reverse compliment

Name

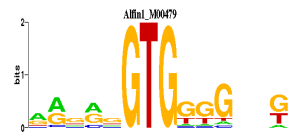
E value

Alignment

Motif

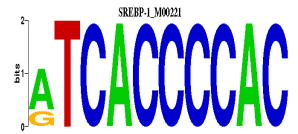
Alfin1_M00479 2.1880e-07

--TCCCACC----
MNNCCCCACNYNYN



SREBP-1_M00221 1.2843e-05

---TCCCACC
ATCACCCCAC--



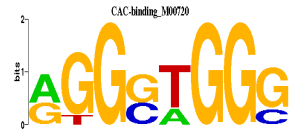
Sp1_M00931 3.0337e-05

-GGTGGGGA
GGGCGGGGN



CAC-binding_M00720 3.2357e-05

TCCCACC--
--CCASCCY

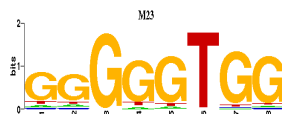


UF1H3BETA_M01068 3.2359e-05

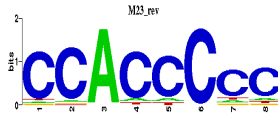
TCCCACC-----
GCCCTCCCCRC



M23



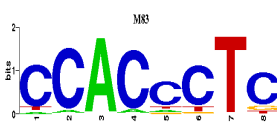
forward



reverse compliment

Name	E value	Alignment	Motif
GBF_M00633	1.4643e-09	-GGGGGTGG TNGGGGTN-	
UF1H3BETA_M01068	2.7118e-08	---CCACCC-- GCCCTCCCCRC	
Alfin1_M00479	2.2574e-07	-----CCACCC-- MNNCCCCACNYYN	
MAZR_M00491	7.7027e-07	---CCACCC-- NNKCCCCCCCCS	
Tra-1_M01049	8.8316e-07	-CCACCC ACCNCC--	

M83

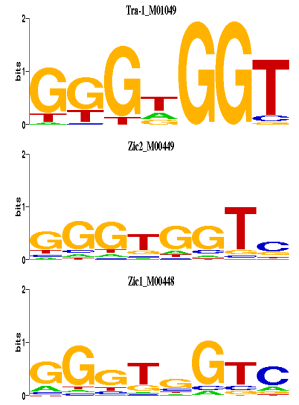


forward

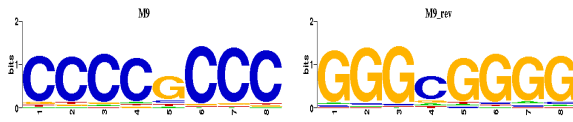
reverse compliment

Name	E value	Alignment	Motif
CAC-binding_M00720	1.0834e-07	-CCACCCTC CCCASCCY-	
TFII-I_M00706	1.2668e-07	CCACCCTC CCTMCNTC	

Tra-1_M01049	1.1017e-06	-CCACCCTC ACCNCCC--
Zic2_M00449	1.5761e-06	--CCACCCTC NACCACCC--
Zic1_M00448	1.7975e-06	--CCACCCTC GACNACCC--



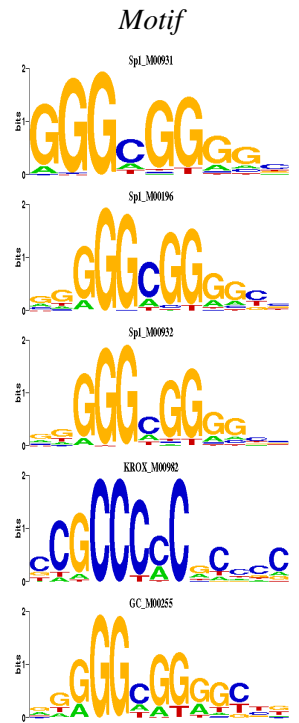
M9



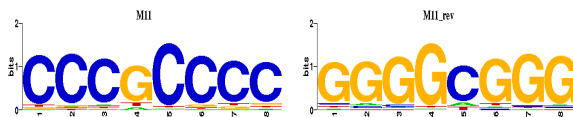
forward

reverse compliment

Name	E value	Alignment
Sp1_M00931	1.8097e-13	-CCCCGCCC NCCCCGCCC
Sp1_M00196	1.2734e-11	--CCCCGCCC-- NNCCCCGCCCCN
Sp1_M00932	1.3409e-11	--CCCCGCCC-- NNCCCCGCCCNN
KROX_M00982	8.3233e-11	-GGGCGGGG---- GNNGNGGGGCGG
GC_M00255	1.3345e-10	---CCCCGCCC-- NNGCCCCGCCCNN

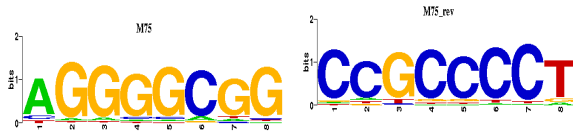


M11



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp1_M00933	2.8066e-13	-GGGGCGGG NNGGGMGGG	
Sp1_M00196	1.1732e-11	-GGGGCGGG--- NNGGGCGGGGNN	
KROX_M00982	6.9456e-11	GGGGCGGG----- GNNNGGGGGCGG	
GC_M00255	1.8846e-10	----CCC GCCC- NNGCCCCGCCNN	
Sp1_M00931	2.5827e-09	--CCCGCCCC- NCCCCGCC-	

M75



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sp1_M00933	4.4208e-09	AGGGGCGG- NNGGGMGGG	
Sp1_M00196	6.1263e-08	----CCGCCCT NNCCCCGCCCN	
KROX_M00982	2.2491e-07	CCGCCCT----- CCGCCCCNCNNC	

GC_M00255 3.5132e-07

-----CCGCCCT
NNGCCCCGCCNN

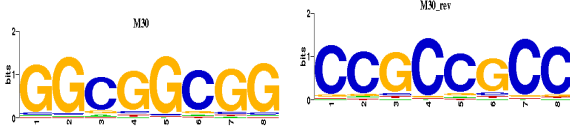


Egr_M00807 4.4369e-06

-CCGCCCT-
NYYGCSCCA



M30

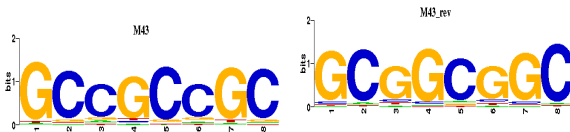


forward

reverse compliment



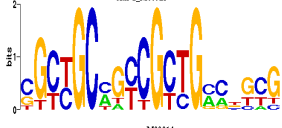


Name	E value	Alignment	Motif
ERF2_M01057	4.8358e-09	GGCGGCGG GGCGGC--	
Adf-1_M00171	1.5747e-07	--GGCGGCGG----- NMNGCNRCRGRGCG	
ETF_M00695	1.1784e-06	CCGCCCC CCGCCN--	
KROX_M00982	2.6858e-06	-----GGCGGCGG GNNGNGGGGGCGG	
Adf-1_M00923	1.6892e-05	--CCGCCCC----- SGCYGCMGYCGCTGMMNKYG	

M43

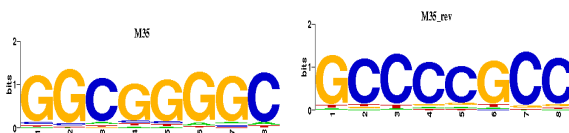






forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ERF2_M01057	4.6777e-09	GCGGCGGC --GGCGGC	
Adf-1_M00171	1.5382e-07	---GCGGCGGC--- NMNGCNRCRGCRGCG	
Adf-1_M00923	2.8566e-07	----GCCGCCGC----- SGCYGCMGYCGCTGMMNKYG	
repressor_M00014	1.4904e-06	----GCGGCGGC---- NNYNTNGGCGGCTANN	
ETF_M00695	1.7042e-06	GCCGCCGC -CCGCCN-	

M35

*forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GC_M00255	1.5407e-10	---GGCGGGGC-- NNGGGCGGGGCNN	
Sp1_M00931	2.6734e-09	GCCCCGCC- NCCCCGCC	
Sp1_M00008	2.3979e-08	-GGCGGGGC RGGCRGGGW	
Sp1_M00196	6.2008e-08	-GCCCCGCC--- NNCCCCGCCCN	

Stamp Results

10/01/13

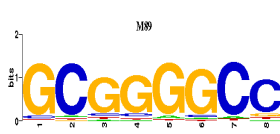
Sp1_M00932

6.8924e-08

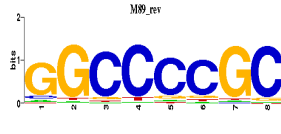
---GGCGGGGC---
NNGGGCGGGGNN



M89



forward



reverse compliment

Name

E value

Alignment

Motif

GC_M00255

6.0463e-07

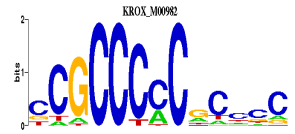
-GGCCCCGC----
NNGCCCCGCCNN



KROX_M00982

4.6696e-06

---GCGGGGCC--
GNNGNGGGGGCG



Sp1_M00931

6.2200e-06

GGCCCCGC--
-NCCCCGCC



PCF2_M00948

2.3890e-05

-GGCCCCGC
NGGNCCCAC



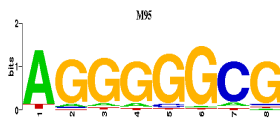
Sp1_M00008

3.1083e-05

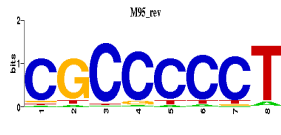
GGCCCCGC--
-WCCCYGCCY



M95



forward



reverse compliment

Name

E value

Alignment

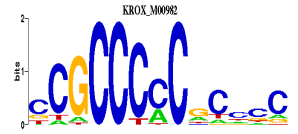
Motif

Stamp Results

10/01/13

KROX_M00982 1.6863e-07

----AGGGGGCG--
GNNGNGGGGGCGG



Egr_M00807 2.1447e-07

--CGCCCCCT
NYYGCSCCCA



ZF5_M00333 1.7711e-06

AGGGGGCG-----
-RNRNRCGCGCWN



Sp1_M00933 7.2725e-06

--CGCCCCCT
CCCKCCCCN-

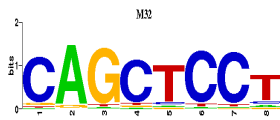


STRE_M00308 1.9249e-05

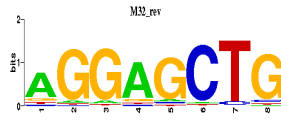
CGCCCCCT
--NCCCCT



M32



forward



reverse compliment

Name E value

Alignment

Motif

LUN-1_M00480 3.1727e-06

-----AGGAGCTG--
TCCCAAAGTAGCTGGG



TAL1_M00993 7.4546e-06

AGGAGCTG-
RNCAGNTGG



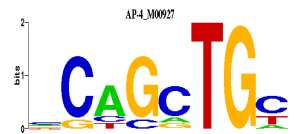
LBP-1_M00644 3.6828e-05

AGGAGCTG-
---NGCTGS



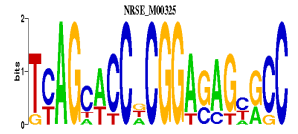
AP-4_M00927 5.5111e-05

AGGAGCTG-
-RCAGCTGN

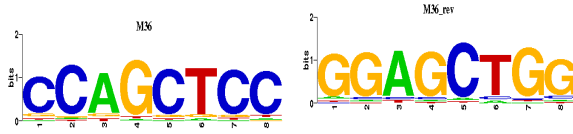


NRSE_M00325 7.3438e-05

-CAGCTCCT-----
TCAGCACCCNCGGAGAGYGCC



M36

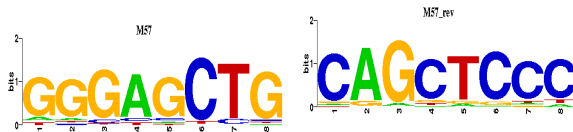


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	7.3048e-07	GGAGCTGG -CAGCWGG	
TAL1_M00993	1.1471e-06	-GGAGCTGG RNCAGNTGG	
LBP-1_M00644	2.6644e-06	CCAGCTCC SCAGCN--	
LUN-1_M00480	4.0272e-06	-----GGAGCTGG- TCCCAAAGTAGCTGGG	
AP-4_M00176	1.3694e-05	-CCAGCTCC NNCAGCTGN	

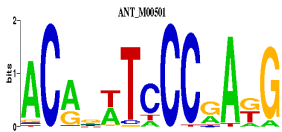




M57



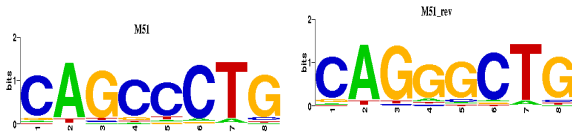
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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ANT_M00501	1.7204e-05	----GGGAGCTG- CMTYGGGAWNTGT	
AP-4_M00927	3.1467e-05	GGGAGCTG- -RCAGCTGN	
Tra-1_M01048	3.2636e-05	GGGAGCTG GGGWGGT-	
LBP-1_M00644	4.1822e-05	-CAGCTCCC SCAGCN---	
myogenin_M00712	6.1819e-05	CAGCTCCC CASCTGN-	

M51



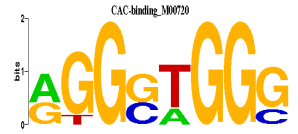
forward

reverse compliment

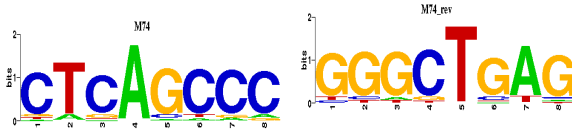
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZBRK1_M01105	2.9338e-05	-CAGGGCTG----- AAANNCTGCKSCC	
Eve_M00629	8.9328e-05	-CAGGGCTG GCNGNSSWN	
Dde_M00304	8.4237e-04	---CAGCCCTG GCTCAGCC---	
Ttk_M00009	1.5781e-03	-CAGGGCTG GCAGGAC--	

CAC-binding_M00720 2.6581e-03

--CAGCCCTG
CCCASCCY--



M74



forward

reverse compliment

Name E value Alignment Motif

Dde_M00304 1.0382e-09

GGGCTGAG--
--GGCTGAGC



CDC5_M00361 2.3600e-07

--CTCAGCCC--
SCTCAGCGSN



MAF_M00983 3.3789e-05

----CTCAGCCC
NTGACTCANC--



NF-E2_M00037 3.9459e-05

----CTCAGCCC
RTGACTCAGC--

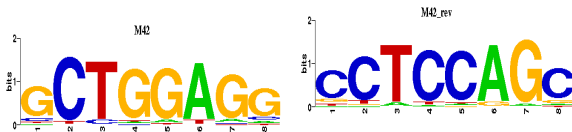


SREBP-1_M00221 7.2363e-05

--GGGCTGAG
GTGGGGTGAT



M42



forward

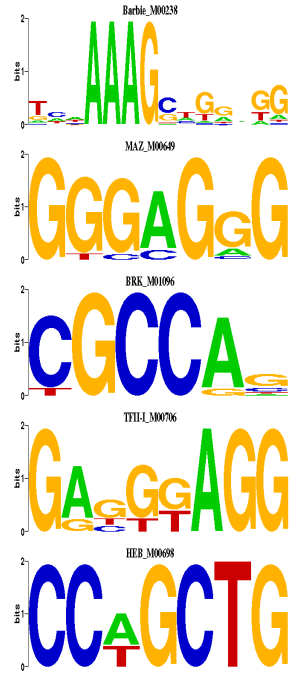
reverse compliment

Name E value Alignment Motif

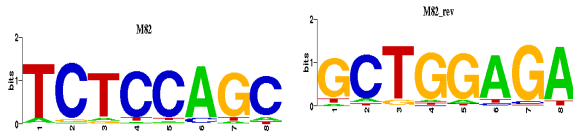
Stamp Results

10/01/13

Barbie_M00238	1.1513e-08	CCTCCAGC----- CMNNCNSCTTTNNN
MAZ_M00649	2.3395e-04	-CCTCCAGC CCCTCCC--
BRK_M01096	2.4213e-04	GCTGGAGG -NTGGCG-
TFII-I_M00706	2.9849e-04	CCTCCAGC CCTMCNTC
HEB_M00698	6.8772e-04	--GCTGGAGG CAGCWGG---



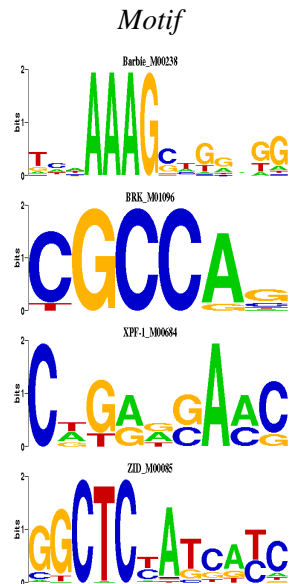
M82



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Barbie_M00238	3.5283e-05	TCTCCAGC----- CMNNCNSCTTTNNN
BRK_M01096	2.2442e-04	GCTGGAGA -NTGGCG-
XPF-1_M00684	7.0913e-04	--TCTCCAGC GKTSNYCNG-
ZID_M00085	7.3067e-04	-TCTCCAGC--- GGCTCYATCAYC



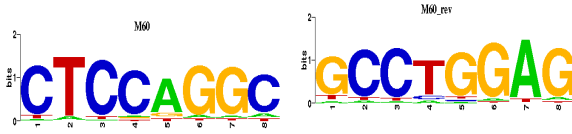
HEB_M00698

7.5532e-04

--GCTGGAGA
CAGCWGG---



M60

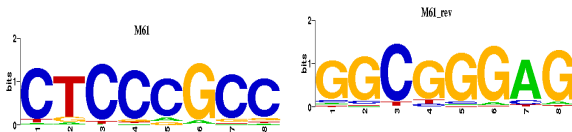


forward

reverse compliment

Name	E value	Alignment	Motif
AP-2_M00915	8.5623e-06	-GCCTGGAG--- NGCCNGNGGNNN	
Pax-6_M00979	1.0681e-04	--GCCTGGAG--- TGACCTGGAActM	
BRK_M01096	2.5305e-04	GCCTGGAG --NTGGCG	
STAT5B_M00459	3.4273e-04	---GCCTGGAG--- NWTTCNGGAANYN	
AP-2_M00800	1.0648e-03	-CTCCAGGC----- SCSSCRGGCNRNRNN	

M61



forward

reverse compliment

Name	E value	Alignment	Motif
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E2F_M01114 2.8797e-07

GGCGGGAG--
NGCGGGAAAN



E2F-1-DP-2_M00737 3.3106e-06

GGCGGGAG
-GCGGGAA



E2F-1-DP-1_M00736 5.0310e-06

GGCGGGAG
-GCGSGAA



KROX_M00982 5.8731e-06

---CTCCCGCC--
CCGCCCCNCNNC

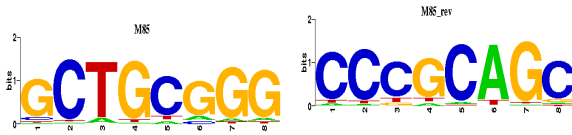


Sp1_M00931 6.3547e-06

CTCCCGCC-
NCCCCGCC



M85



forward

reverse compliment

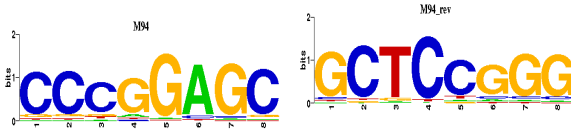
Name	E value	Alignment	Motif
Bel-1_M00312	4.2987e-06	-----CCCGCAGC----- KNGRNAGTNMNCCKCWGYRTCAGCAGNT	
AP-4_M00005	3.0545e-05	---CCCGCAGC----- MNGNCNNCAGCTGNNNN	
GCM_M00634	3.5265e-05	GCTGCGGG--- NATGCGGGYNN	
GCM_M00270	5.6069e-05	--GCTGCGGG-- NNNATGCGGGTN	

HEN1_M00058 6.1559e-05

-----GCTGCGGG-----
NNNGGNCGCAGCTGCGNCCNN



M94

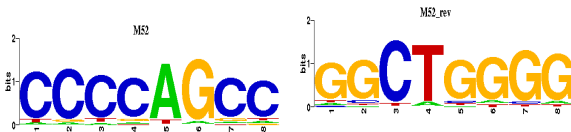


forward

reverse compliment

Name	E value	Alignment	Motif
AP-2alpha_M00469	1.0509e-05	CCCGGAGC CCNNNNGS	
STATx_M00223	2.8038e-05	-CCCGGAGC TCCCRKAA-	
STAT1_M00224	6.8548e-04	----GCTCCGGG----- NNNNNTTCCGGGAANTGNSN	
CDC5_M00361	8.0957e-04	GCTCCGGG-- SCTCAGCGSN	
AP-2gamma_M00470	8.9896e-04	GCTCCGGG SCCNNGG	

M52



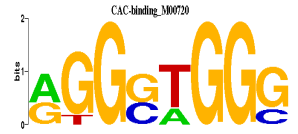
forward

reverse compliment

Name	E value	Alignment	Motif
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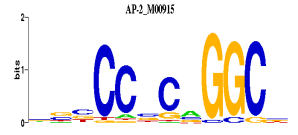
CAC-binding_M00720 1.9145e-07

CCCCAGCC-
-CCCASCCY



AP-2_M00915 2.7926e-06

-GGCTGGGG---
NGCCNGNGGNNN



KROX_M00982 4.0689e-06

---CCCCAGCC--
CCGCCCCCNCCN



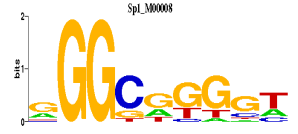
Dde_M00304 1.6945e-05

GGCTGGGG
GGCTGAGC

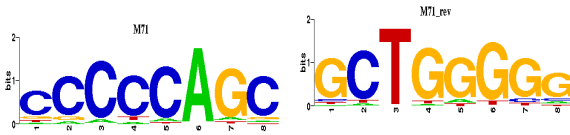


Sp1_M00008 4.0786e-05

CCCCAGCC-
WCCCYGCCY



M71



forward

reverse compliment

Name

E value

Alignment

Motif

Barbie_M00238

8.0359e-07

CCCCCAGC-----
CMNNCNSCTTTNNN



GBF_M00633

2.5266e-06

GCTGGGGG--
--TNGGGGTN



c-Myb_M00004

2.0483e-05

CCCCCAGC-----
CNNCAACNGYCNNNNN



Egr_M00807

5.2973e-05

GCTGGGGG--
--TGGSGCRRN

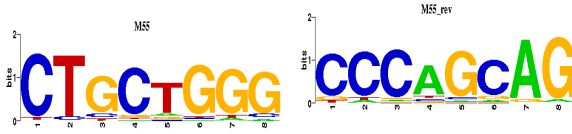


MOVO-B_M01104 7.2465e-05

CCCCCAGC
CCCCCN--



M55

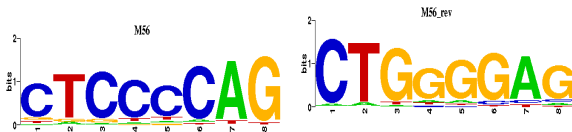


forward

reverse compliment

Name	E value	Alignment	Motif
LMAF_M01139	1.4220e-06	CTGCTGGG CTGCTGAS	
HEB_M00698	1.1573e-05	CTGCTGGG CAGCWGG-	
AP-4_M00176	1.1656e-04	CCCAGCAG-- NNCAGCTGN	
CAC-binding_M00720	1.3410e-04	CCCAGCAG CCCASCCY	
LUN-1_M00480	1.6931e-04	CCCAGCAG----- CCCAGCTACTTTGGGA	

M56



forward

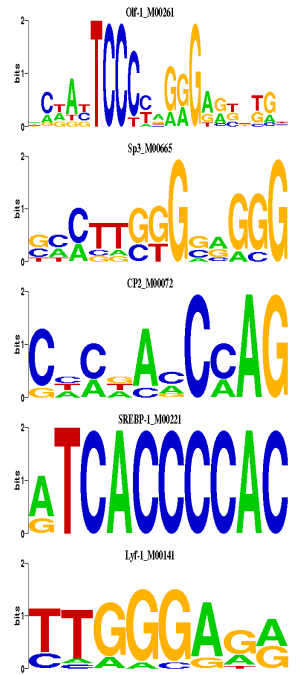
reverse compliment

Name	E value	Alignment	Motif
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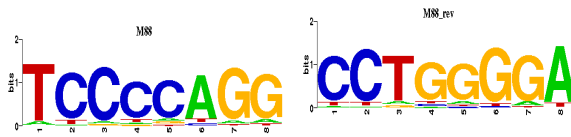
Stamp Results

10/01/13

Olf-1_M00261	3.4273e-07	-----CTGGGGAG----- NCMNNYTCCCNRRGGGANTNGN
Sp3_M00665	1.9141e-05	--CTCCCCAG--- CCCYSCCCAAGKS
CP2_M00072	5.8062e-05	CTGGGGAG-- CTGGKTNGNG
SREBP-1_M00221	8.1808e-05	CTGGGGAG-- GTGGGGTGAT
Lyf-1_M00141	8.1849e-05	CTGGGGAG- -TTGGGAGR



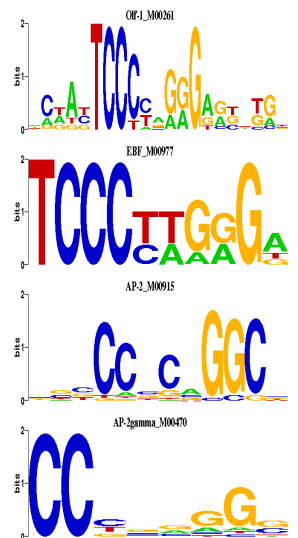
M88



forward

reverse compliment

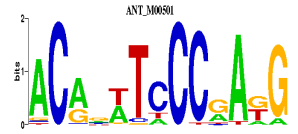
Name	E value	Alignment
Olf-1_M00261	2.3059e-08	-----TCCCCAGG----- NCNANTCCCYNNGGARNNKGN
EBF_M00977	4.4015e-07	--CCTGGGGA NCYCWRGGGA
AP-2_M00915	5.2058e-07	--CCTGGGGA-- NGCCNGNGGNNN
AP-2gamma_M00470	2.4472e-05	TCCCCAGG SCCNNNGG



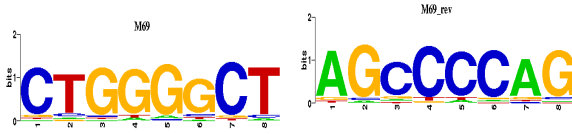
ANT_M00501

5.0812e-05

CCTGGGGA-----
CMTYGGGAWNTGT



M69



forward

reverse compliment

Name E value Alignment Motif

Alfin1_M00479

1.3001e-05

-AGCCCCAG-----
MNNCCCCACNYNYN



GBF_M00633

2.6277e-05

-AGCCCCAG
NACCCCA-



SREBP-1_M00749

1.0924e-04

AGCCCCAG
-ACSCCA-



BRK_M01096

1.9345e-04

CTGGGGCT
NTGGCG--



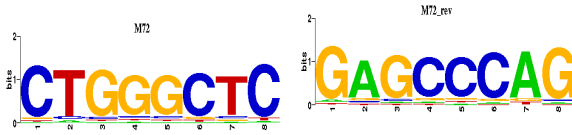
AP-2_M00915

2.6410e-04

---CTGGGGCT-
NGCCNGNGGNNN



M72



forward

reverse compliment

Name E value Alignment Motif

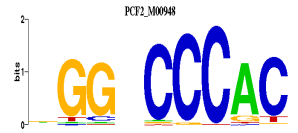
Poly_M00211 2.7501e-05

GAGCCCAG
GAGACCAC



PCF2_M00948 5.9670e-05

CTGGGCTC-
GTGGGNCCN



YY1_M00069 4.2355e-04

--GAGCCCAG-----
WNSANNCAAGATGGCNGNN



SREBP-1_M00749 6.1861e-04

CTGGGCTC
-TGSGT-

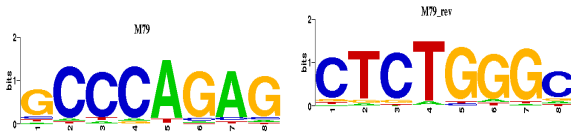


AR_M00962 8.2407e-04

CTGGGCTC
NNNTGCTC



M79



forward

reverse compliment

Name E value

Alignment

Motif

STAT_M00777 4.7699e-04

----CTCTGGGC
NNNNTTCTNGGA



PacC_M00247 6.0860e-04

----CTCTGGGC---
NNNNNNKCYTGCCNGN



CDC5_M00361 6.9472e-04

--CTCTGGGC
NSCGCTGAGS



LUN-1_M00480 1.0886e-03

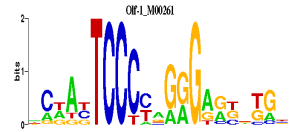
-----CTCTGGGC
CCCAGCTACTTTGGGA



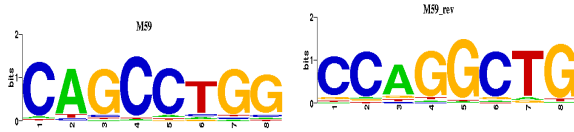
Olf-1_M00261

1.2076e-03

-----CTCTGGGC-----
NCMNNYTCCCNRRGGGANTNGN



M59



forward

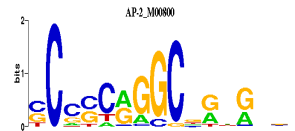
reverse compliment

Name E value Alignment Motif

AP-2_M00800

3.4670e-05

---CCAGGCTG---
SCSSCRGGCNRNRNN



AP-2_M00915

2.1563e-04

CAGCCTGG-----
-NGCCNGNGGNNN



CAC-binding_M00720 4.1101e-04

CCAGGCTG--
--RGGSTGGG



RFX1_M00280

4.9602e-04

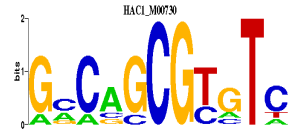
-----CCAGGCTG--
NNGTTRCYWNGYNACN



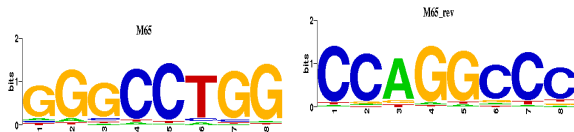
HAC1_M00730

6.6117e-04

-CCAGGCTG--
GACACGCTGKC



M65



forward

reverse compliment

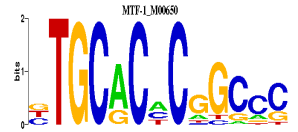
Name E value Alignment Motif

Stamp Results

10/01/13

MTF-1_M00650 2.1605e-04

GGGCCTGG-----
GGGCCNGTGCAN



AP-2_M00915 2.6732e-04

GGGCCTGG-----
-NGCCNGNGGNNN



Sp1_M00931 4.2199e-04

-CCAGGCC
NCCCCGCC



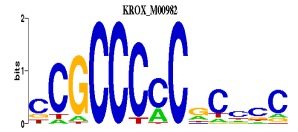
CACD_M01113 4.2484e-04

GGGCCTGG
GGGYGTG-

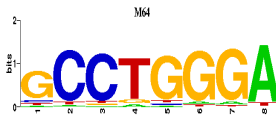


KROX_M00982 6.0471e-04

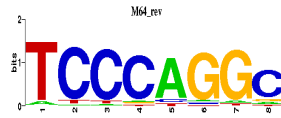
----CCAGGCC-
CCGCCCCNCNNC



M64



forward



reverse compliment

Name

E value

Alignment

Motif

AP-2_M00915

5.4915e-07

-GCCTGGGA---
NGCCNGNGGNNN



RBP-Jkappa_M01111 2.3627e-05

GCCTGGGA
-NGTGGGA



EBF_M00977

3.4364e-05

TCCCAGGC--
NCYCWRGGGA



RBP-Jkappa_M01112 1.3549e-04

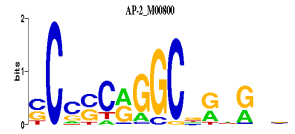
--TCCCAGGC
KTTCCCACGN



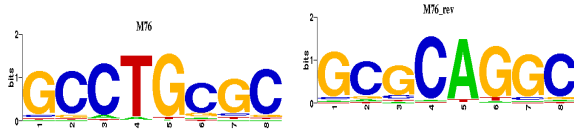
AP-2_M00800

1.4262e-04

-----GCCTGGGA--
NNYNYNGCCYGSSGS



M76



forward

reverse compliment

Name

E value

Alignment

Motif

Nrf-1_M00652

4.7740e-07

-GCGCAGGC
YGCGCAYGC



AP-2_M00915

1.7338e-05

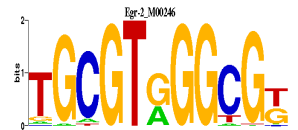
---GCGCAGGC--
NNNCCNCNGGCN



Egr-2_M00246

4.9205e-05

-GCGCAGGC--
TGCGTGGGCGK



ZBRK1_M01105

7.1882e-05

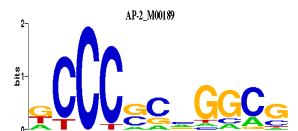
--GCGCAGGC----
GGSMGCAGNNNTT



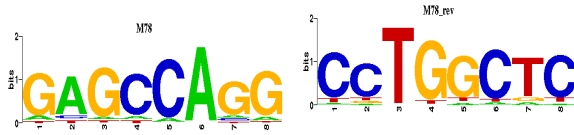
AP-2_M00189

7.9052e-05

-GCCTGCGC--
CGCCNGSGGGN



M78



forward

reverse compliment

Name

E value

Alignment

Motif

Stamp Results

10/01/13

BRK_M01096 2.1954e-05

CCTGGCTC
-NTGGCG-



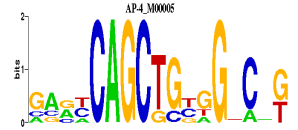
E2A_M00804 1.3160e-04

---GAGCCAGG--
NMNGNGNCAGGTG



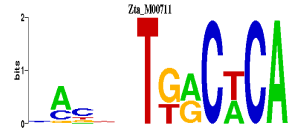
AP-4_M00005 3.2718e-04

-----CCTGGCTC
MNGNCNNCAGCTGNNNN



Zta_M00711 3.9153e-04

-GAGCCAGG---
TGWGYCANNNTN

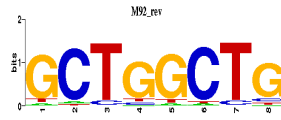
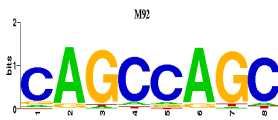


ARF_M00438 1.1137e-03

GAGCCAGG
GAGACAA-



M92



forward

reverse compliment

Name *E value*

Alignment

Motif

SMAD4_M00733 2.8028e-08

-GCTGGCTG-----
RGNTGKCTGNMYSN



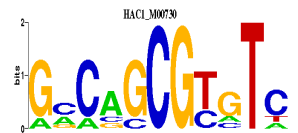
BRK_M01096 2.2304e-05

GCTGGCTG
-NTGGCG-



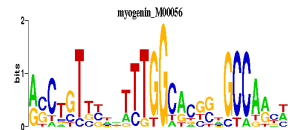
HAC1_M00730 1.5314e-04

-----GCTGGCTG
GACACGCTGKC--



myogenin_M00056 1.8442e-04

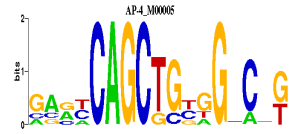
-----CAGCCAGC-
ASCTGTNNNNTTTGGCACNSNGCCARNN



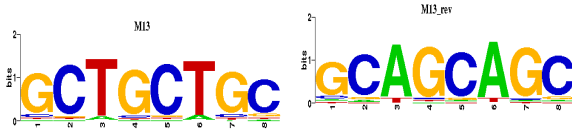
AP-4_M00005

2.0183e-04

-----GCTGGCTG
MNGNCNNCAGCTGNNNN



M13

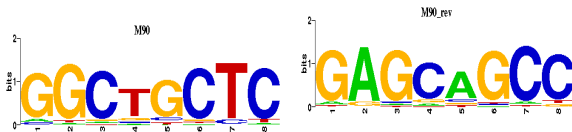


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.5295e-06	GCTGCTGC- -CTGCTGAS	
Adf-1_M00171	2.1299e-06	-----GCAGCAGC- NMNGCNRRCRGRGCG	
HEN1_M00058	5.5420e-06	-----GCTGCTGC----- NNGGNCGCAGCTGCGNCCNNN	
AP-4_M00927	1.2643e-05	GCTGCTGC NCAGCTGY	
HEB_M00698	1.3612e-05	GCAGCAGC -CAGCWGG	

M90



forward

reverse compliment

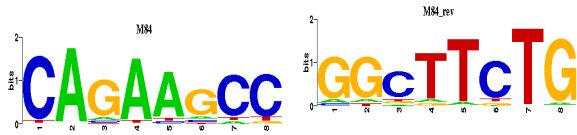
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Stamp Results

10/01/13





Zic1_M00448	7.4724e-05	GAGCAGCC GACNACCC	
LBP-1_M00644	9.6095e-05	GAGCAGCC --SCAGCN	
Zic3_M00450	1.3660e-04	GAGCAGCC GANCMCCC	
ZBRK1_M01105	2.2175e-04	--GAGCAGCC---- GGSMGCAGNNNTTT	
ERF2_M01057	2.2580e-04	GGCTGCTC GGCGGC--	

M84



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GCR1_M00337	2.2588e-04	-----CAGAAGCC AAWAGTGGAAAGCC	
PEND_M01015	2.6382e-04	GGCTTCTG -ACTTCTT	
c-Ets-1_M00743	5.3982e-04	GGCTTCTG -GCTTCC	
GCR1_M00046	7.4413e-04	-CAGAAGCC GWGGAAGC-	

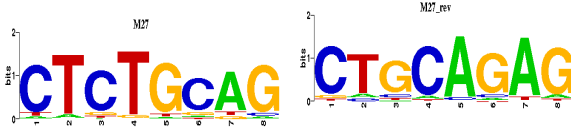
E12_M00693

1.4869e-03

-GGCTTCTG-
NNNCACCTGY



M27

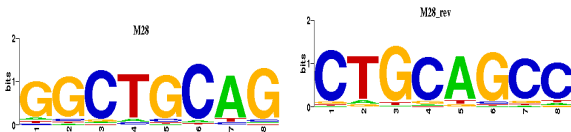


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.3635e-05	CTGCAGAG CTGCTGAS	
Nrf-2_M00821	1.6727e-04	-----CTCTGCAG NNTGACTCAGCA-	
Eve_M00629	4.5583e-04	CTGCAGAG---- --GCNGNSSWN	
v-Maf_M00035	7.5752e-04	--CTGCAGAG----- NNNTGCNNNGTCAGCANN	
Adf-1_M00923	1.4034e-03	-----CTGCAGAG CRMNKKCAGCGRCKGCRGCS	

M28



forward

reverse compliment

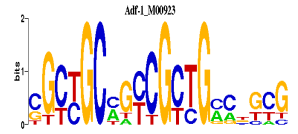
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Stamp Results

10/01/13

Adf-1_M00923 3.9371e-06

-----GGCTGCAG--
CRMNKKCAGCGRCKGCRGCS



RCS1_M00753 9.5080e-05

----GGCTGCAG
AANTGGGTGCAK



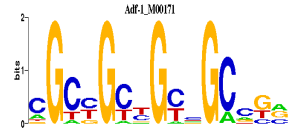
LBP-1_M00644 1.1879e-04

CTGCAGCC
--SCAGCN



Adf-1_M00171 2.3827e-04

--GGCTGCAG-----
NMNGCNRCRGCRGCG

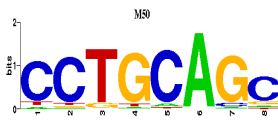


SMAD4_M00733 2.8826e-04

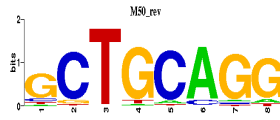
----GGCTGCAG--
RGNTGKCTGNMYSN



M50



forward



reverse compliment

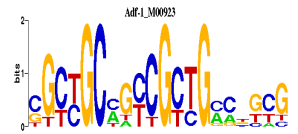
Name E value

Alignment

Motif

Adf-1_M00923 1.1235e-04

-GCTGCAGG-----
SGCYGCMGYCGCTGMMNKYG



LBP-1_M00644 1.1978e-04

CCTGCAGC-
---SCAGCN



HEB_M00698 2.3158e-04

GCTGCAGG
-CAGCWGG



Ttk_M00009 2.7119e-04

GCTGCAGG--
---GCAGGAC

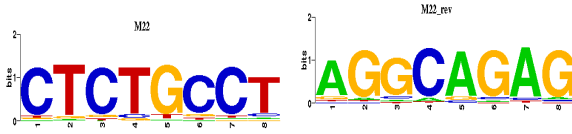


Barbie_M00238 5.6903e-04

CCTGCAGC-----
CMNNCNSCTTTNNN



M22

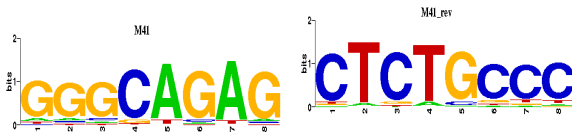


forward

reverse compliment

Name	E value	Alignment	Motif
SMAD3_M00701	3.1702e-06	AGGCAGAG AGNCAGAC	
Dde_M00304	7.0272e-06	AGGCAGAG- -GGCTGAGC	
Nrf-2_M00108	1.2696e-04	-AGGCAGAG CCGGAAGNS	
Eve_M00629	3.5113e-04	AGGCAGAG--- --GCNGNSSWN	
AP-2_M00800	9.6750e-04	--CTCTGCCT----- NNYNYNGCCYGSSGS	

M41



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

Dde_M00304 2.6755e-06

GGGCAGAG-
-GGCTGAGC



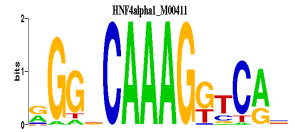
HNF4_M01031 9.8221e-06

-----CTCTGCCC
NTGRMCTTTGNNC



HNF4alpha1_M00411 3.0365e-05

-----CTCTGCCC-
NTGACCTTTGNCCY



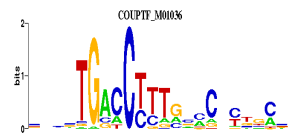
PPAR_M00528 3.7225e-05

----GGGCAGAG----
NNNNGGNCAAAGGTCA

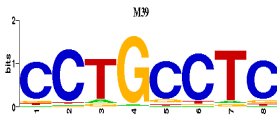


COUPTF_M01036 7.5917e-05

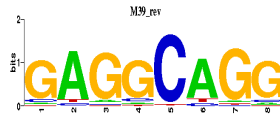
-----GGGCAGAG-----
NKNNRNGKNNAAGGTCANNNN



M39



forward



reverse compliment

Name

E value

Alignment

Motif

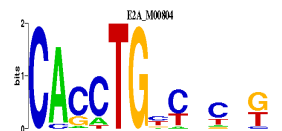
TFII-I_M00706 1.4368e-07

GAGGCAGG
GANGKAGG



E2A_M00804 1.8327e-07

---GAGGCAGG--
NMNGNGNCAGGTG



PU.1_M00658 6.2368e-06

CCTGCCTC
-CTTCCTC



E2A_M00973 9.8654e-06

GAGGCAGG-
--RNCAGNT

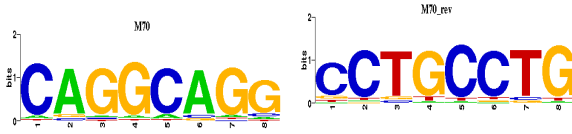


GCR1_M00046 2.0860e-04

GAGGCAGG
GWGGAAGC



M70



forward

reverse compliment

Name E value Alignment Motif

E2A_M00973 9.3127e-06

-CCTGCCTG
ANCTGNY--



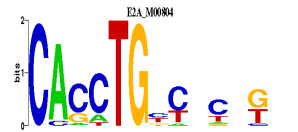
Tel-2_M00678 3.2235e-05

CAGGCAGG-
CAGGAAGTA



E2A_M00804 7.5512e-05

---CAGGCAGG--
NMNGNGNCAGGTG



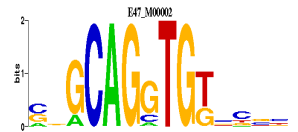
TFII-I_M00706 1.6140e-04

CCTGCCTG
CCTMCNTC

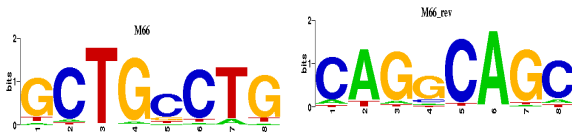


E47_M00002 2.3166e-04

CAGGCAGG-----
-SNGCAGGTGTNNNN



M66



forward

reverse compliment

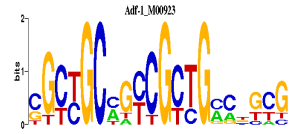
Name E value Alignment Motif

Stamp Results

10/01/13

Adf-1_M00923 1.0253e-06

-----GCTGCCTG--
SGCYGCMGYCGCTGMMNKYG



Tel-2_M00678 6.6357e-05

-GCTGCCTG
TACTTCCTG



LBP-1_M00644 7.9974e-05

CAGGCAGC-
---SCAGCN



c-Ets-1_M00743 1.0191e-04

GCTGCCTG
GCTTCCK-

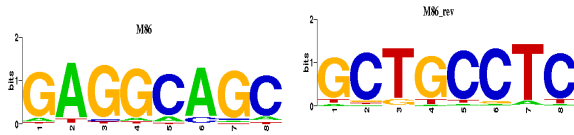


GCR1_M00046 1.3936e-04

CAGGCAGC
GWGGAAGC



M86



forward

reverse compliment

Name E value

Alignment

Motif

GCR1_M00046 1.2922e-07

GCTGCCTC
GCTTCWC



PU.1_M00658 4.3044e-06

GCTGCCTC
-CTTCCTC



v-Maf_M00035 1.3385e-05

-----GAGGCAGC-
NNNTGCNNNGTCAGCANN



SMAD4_M00733 2.7939e-05

-----GCTGCCTC-
RGNTGKCTGNMYSN

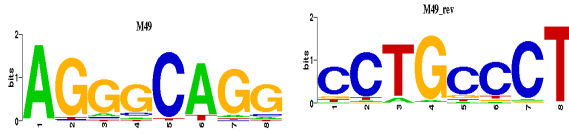


NF-E2_M00037 4.4032e-05

--GAGGCAGC
RTGACTCAGC



M49

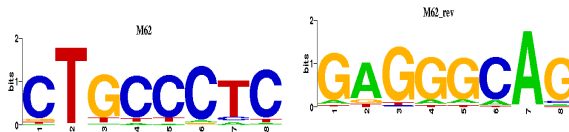


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00973	9.4119e-06	-CCTGCCCT ANCTGNY--	
E47_M00002	2.6719e-05	-----CCTGCCCT NNNNACACCTGCNS-	
Sp1_M00931	7.2378e-05	--CCTGCCCT NCCCCGCC--	
HNF4_M01033	9.4226e-05	CCTGCCCT --TGNNC-	
Sp1_M00933	9.8381e-05	-AGGCAGG NNGGGMGGG	

M62



forward

reverse compliment

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

10/01/13

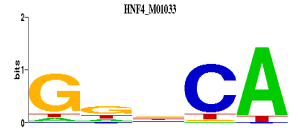
MAF_M00648 2.2147e-05

-----CTGCCCTC-
NSNMMACTTCCYYCN



HNF4_M01033 1.2495e-04

CTGCCCTC
-TGNNC--



GAL4_M00049 1.6133e-04

-----CTGCCCTC-----
NNCGGNNNACWNTNSTCCGAAS



GAL4_M00198 2.2675e-04

-----GAGGGCAG-----
NGYTCCGNNNANAGNNNNCCG

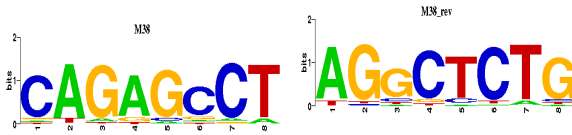


MAZ_M00649 2.5925e-04

CTGCCCTC--
---CCCTCCC



M38



forward

reverse compliment

Name E value

Alignment

Motif

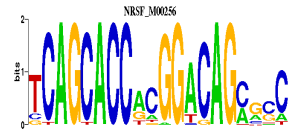
LF-A1_M00646 1.2816e-05

AGGCTCTG
-GGSTCWR



NRSF_M00256 3.5103e-04

AGGCTCTG-----
-GSYGCTGTCCGTGGTGCTGA



Eve_M00629 3.8559e-04

AGGCTCTG-
NWSSNCNGC



ZID_M00085 5.0999e-04

-----CAGAGCCT
GRTGATRGAGCC-



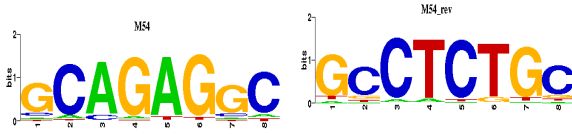
Dde_M00304

9.2443e-04

--CAGAGCCT
GGCTGAGC--



M54

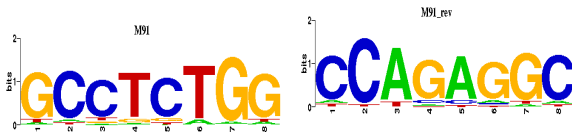


forward

reverse compliment

Name	E value	Alignment	Motif
Eve_M00629	9.3604e-05	GCAGAGGC- GCNGNSSWN	
HSF_M00641	1.7825e-04	---GCCTCTGC- GAARCYNCKNGA	
MAF_M00983	3.4317e-04	--GCCTCTGC NTGACTCANC	
COUPTF_M01036	3.5925e-04	-GCAGAGGC----- NKNNRNGKNNAAAGGTCANNNN	
TAL1_M00993	6.2185e-04	-GCAGAGGC RNCAGNTGG	

M91



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

HSF_M00641 3.4888e-07

--CCAGAGGC---
TCNMGNRYGTTTC



AP-2alphaA_M01047 2.7728e-05

---GCCTCTGG---
ANMGCCTNAGGCKN



Hand1-E47_M00222 1.6312e-04

---GCCTCTGG---
NNNGNRTCTGGNWN



RP58_M00532 2.4721e-04

--CCAGAGGC--
TCCAGATGTTN



AP-2alphaA_M01045 3.9622e-04

----CCAGAGGC--
NNNSCCTNAGGCNN



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