



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

Input file: 99 motifs loaded

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

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

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

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Multiple Alignment

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

```

M0 :          --GGGGGGGG-----
M1 :          AAAAAAAAA-----
M2 :          -----GGAGGAGG--
M3 :          ----CCCAGCCC---
M4 :          --GAGGGAGG-----
M5 :          ----CACACACA---
M6 :          --TGGGGAGG-----
M7 :          ---GGGAAGGG----
M8 :          --CCAGCAGG-----
M9 :          --CAGGCAGG-----
M10 :         -----GGAGGGGA--
M11 :         CACCCCA-----
M12 :         -----AGAGAGAG
M13 :         -----AGGAAGGA
M14 :         ----CACAGCAG---
M15 :         -----CCAGGAAG--
M16 :         --AGGGGAGG-----
M17 :         --GAGAGAGA-----
M18 :         --CTCCCAGG-----
M19 :         ---GGCAGAG----
M20 :         ----AGCAGCAG---
M21 :         ---CAGCAGGA----
M22 :         --AGCCCAGG-----

```

Stamp Results

10/01/13

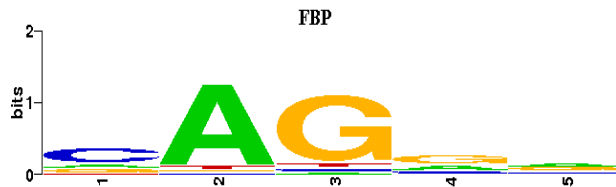
M23: -CTTCCCAG-----
M24: CCACCCCA-----
M25: ----CCCAGGGA---
M26: --GGGAGAGG-----
M27: -----AGGAAGAG
M28: ----AGCAGAGG---
M29: ---CCACACCC----
M30: -----CAGAGCCA-
M31: -----CCAGGCTG--
M32: ---CTGCAGAG----
M33: -----CAGAGAAG-
M34: --TCCCCAGG-----
M35: ----AGAGGAAG--
M36: -AGCCACAG-----
M37: ----CCCACCCA---
M38: -----AGGAGAGA
M39: -----AAGGAAGG-
M40: -GGAAGCAG-----
M41: ----GAAGGAAG--
M42: -----CAGGAAAG-
M43: ----CACAGAGA---
M44: -----CAGAGGAA-
M45: --CACACAGC-----
M46: -----CAGAGCCT-
M47: -TGGGGAAG-----
M48: -AAAGGCAG-----
M49: ----CTCAGCCT---
M50: ----CAAAGCCA---
M51: -----GGAGAAAG--
M52: --AGAGAAGG-----
M53: ----GAAAGAAA---
M54: -----CCAGCCAG--
M55: --AGAGCAGA-----
M56: -----AGGGAAAG
M57: -----AAGAAAAG-
M58: -GCCAGCAG-----
M59: --GAGAAAGG-----
M60: -----CAGCCACA-
M61: --AAGCCAGG-----
M62: -----AAGGAAAA-
M63: -----ACAGAGGG--
M64: -TTCCCCAG-----
M65: TTTTAAAA-----

Stamp Results

10/01/13

```
M66: ---AAAGAGAA----
M67: -AGAAACAG-----
M68: -TGGCTCAG-----
M69: -----CAGGGACA-
M70: -CCTCTCAG-----
M71: -----AGGAAATG
M72: ---GGGAAGCC----
M73: -TGAGGCAG-----
M74: -----AGGGAGAA
M75: -----CAGAAGAG-
M76: --AGGCCAGA-----
M77: ---GAAGAGAG----
M78: -----AGGAAAAA
M79: --AGGACAGG-----
M80: --CAAACAAA-----
M81: ---ACAAAGGA----
M82: ---GGAAAGAG----
M83: --CAGACAGA-----
M84: -----AAGGGAAG-
M85: -----AAGGAGAG-
M86: -CAAAACAA-----
M87: -----CAGGGCCA-
M88: -----CAGAAACA-
M89: -----ACAGAGAC--
M90: -----AGAGGGAA--
M91: ---TGGGAGAA----
M92: ---TGGCAGCT----
M93: -----AGGGCTCC
M94: -----AGAAAAAG
M95: -----GAGGAGCT-
M96: ---AAGCAGCC----
M97: ---GGAAGGCT---
M98: -----CAGGCCAC-
```

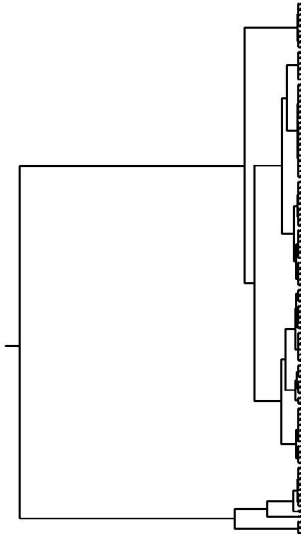
Familial Profile:
(click for matrix)

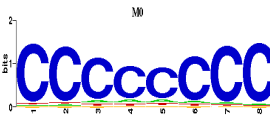

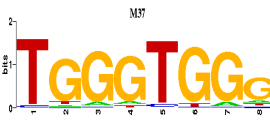

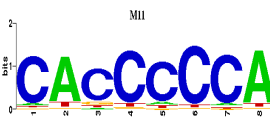

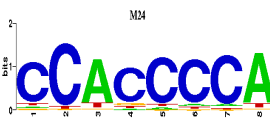

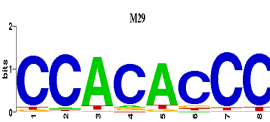
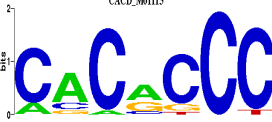
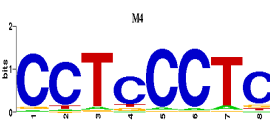

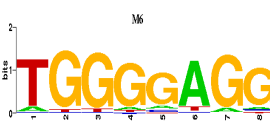

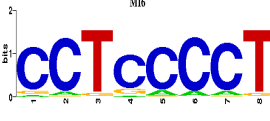



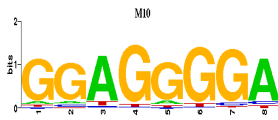

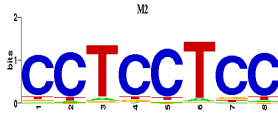

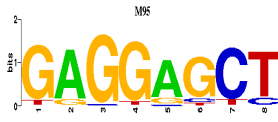
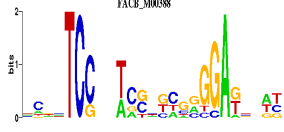
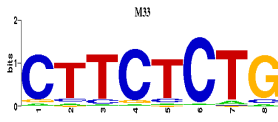

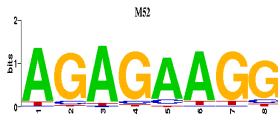

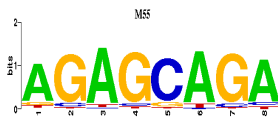
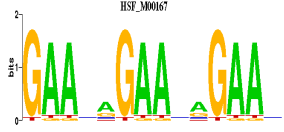
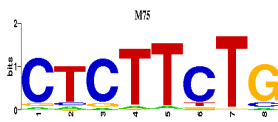

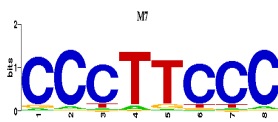

Motif Tree

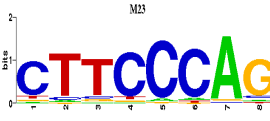

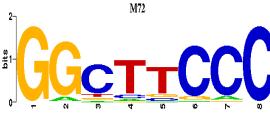

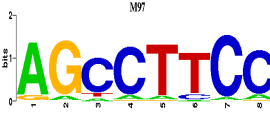

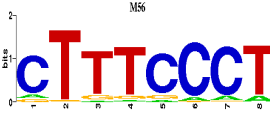

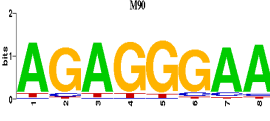

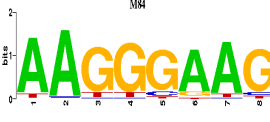

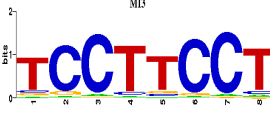

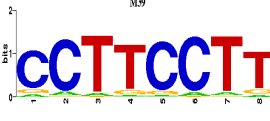

Tree (drawn by [Phylip](#))

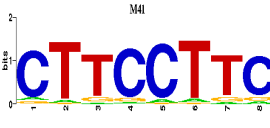

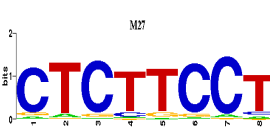

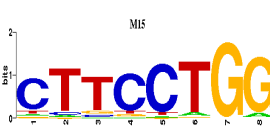

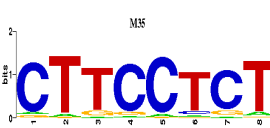

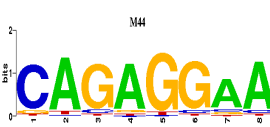

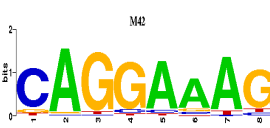

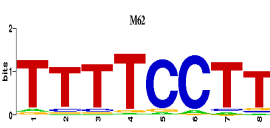

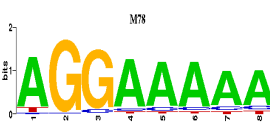
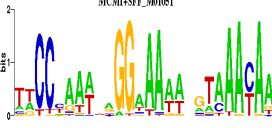
[Click here for Newick-format tree](#) (viewable with [MEGA](#))

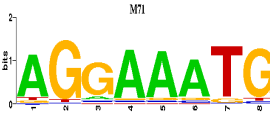
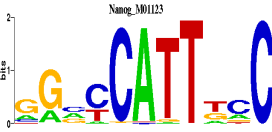
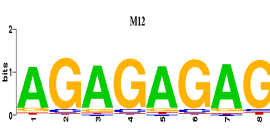

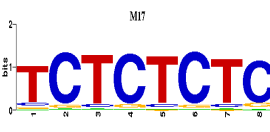

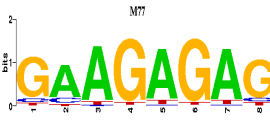

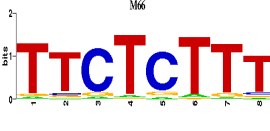

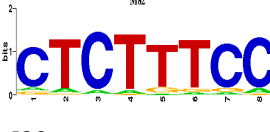
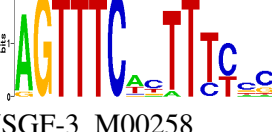
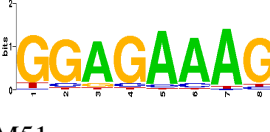

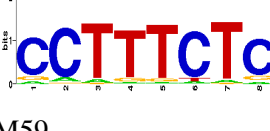



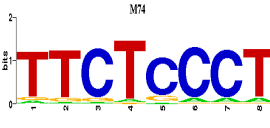

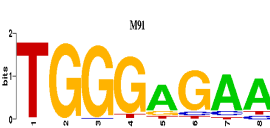

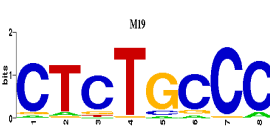

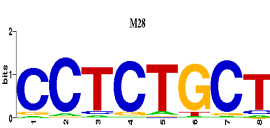

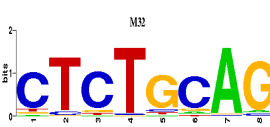

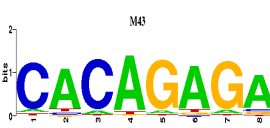

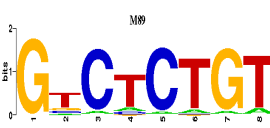
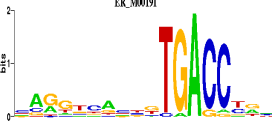
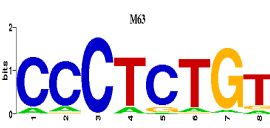

Input Motif	Best match in TRANSFAC
<p>M0</p> 	<p>MAZR_M00491 (E val: 9.2731e-12)</p> 
<p>M37</p> 	<p>CAC-binding_M00720 (E val: 2.6268e-08)</p> 
<p>M11</p> 	<p>GBF_M00633 (E val: 6.8501e-14)</p> 
<p>M24</p> 	<p>SREBP-1_M00221 (E val: 8.4902e-09)</p> 
<p>M29</p> 	<p>CACD_M01113 (E val: 2.7515e-10)</p> 
<p>M4</p> 	<p>TFII-I_M00706 (E val: 6.5592e-13)</p> 
<p>M6</p> 	<p>Sp3_M00665 (E val: 1.5110e-08)</p> 
<p>M16</p> 	<p>MAZ_M00649</p> 

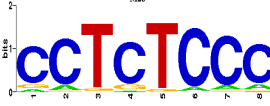







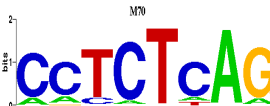



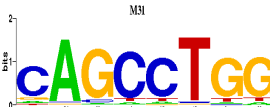

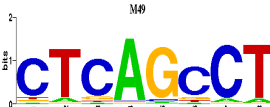

<p>M10</p> 	<p>(E val: 2.3020e-07)</p> <p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 2.2271e-07)</p>
<p>M2</p> 	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 2.8164e-06)</p>
<p>M95</p> 	<p>FACB_M00388</p>  <p>FACB_M00388 (E val: 4.2865e-05)</p>
<p>M33</p> 	<p>GATA-2_M00349</p>  <p>GATA-2_M00349 (E val: 1.8075e-05)</p>
<p>M52</p> 	<p>Sry-beta_M00666</p>  <p>Sry-beta_M00666 (E val: 2.8807e-05)</p>
<p>M55</p> 	<p>HSF_M00167</p>  <p>HSF_M00167 (E val: 8.2521e-06)</p>
<p>M75</p> 	<p>Nrf-2_M00108</p>  <p>Nrf-2_M00108 (E val: 2.5959e-07)</p>
<p>M7</p> 	<p>UF1H3BETA_M01068</p>  <p>UF1H3BETA_M01068 (E val: 4.5759e-07)</p>

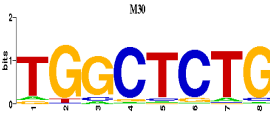



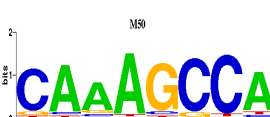



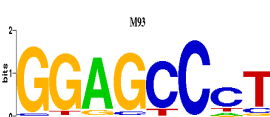



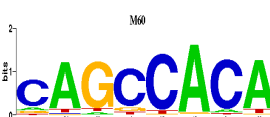

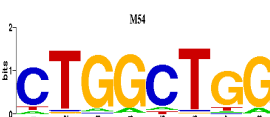

 <p>M23</p>	 <p>Ik-3_M00088 (E val: 7.7229e-07)</p>
 <p>M72</p>	 <p>NF-kappaB_M00051 (E val: 2.6138e-07)</p>
 <p>M97</p>	 <p>c-Ets-1_M00743 (E val: 2.2832e-04)</p>
 <p>M56</p>	 <p>BLIMP1_M01066 (E val: 2.1706e-10)</p>
 <p>M90</p>	 <p>MAF_M00648 (E val: 3.3618e-07)</p>
 <p>M84</p>	 <p>BLIMP1_M01066 (E val: 8.6401e-07)</p>
 <p>M13</p>	 <p>Tel-2_M00678 (E val: 6.2736e-08)</p>
 <p>M39</p>	 <p>Ets_M00971 (E val: 3.1431e-07)</p>

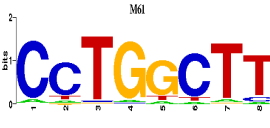

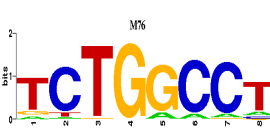

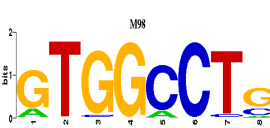

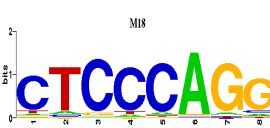

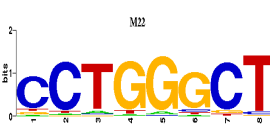

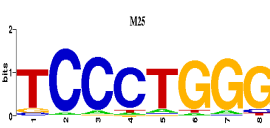
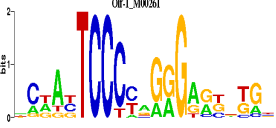
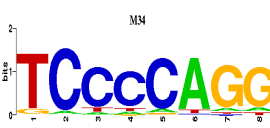
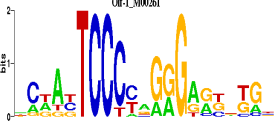
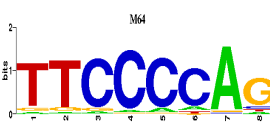
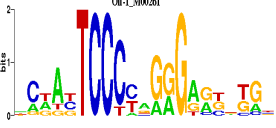
<p>M41</p>  <p>M41</p>	<p>MAF_M00648</p>  <p>MAF_M00648 (E val: 2.8890e-07)</p>
<p>M27</p>  <p>M27</p>	<p>Nrf-2_M00108</p>  <p>Nrf-2_M00108 (E val: 1.2118e-08)</p>
<p>M15</p>  <p>M15</p>	<p>Tel-2_M00678</p>  <p>Tel-2_M00678 (E val: 2.9612e-09)</p>
<p>M35</p>  <p>M35</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 5.1549e-11)</p>
<p>M44</p>  <p>M44</p>	<p>Elf-1_M00746</p>  <p>Elf-1_M00746 (E val: 3.3441e-08)</p>
<p>M42</p>  <p>M42</p>	<p>STAT5B_M00459</p>  <p>STAT5B_M00459 (E val: 2.3877e-06)</p>
<p>M62</p>  <p>M62</p>	<p>Helios_M01004</p>  <p>Helios_M01004 (E val: 2.3657e-11)</p>
<p>M78</p>  <p>M78</p>	<p>MCM1+SFF_M01051</p>  <p>MCM1+SFF_M01051 (E val: 7.0485e-09)</p>
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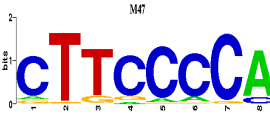

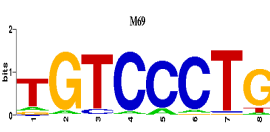

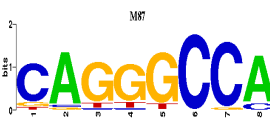

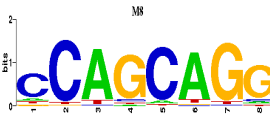

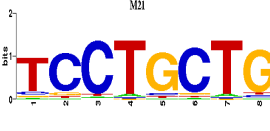

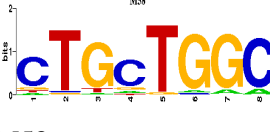

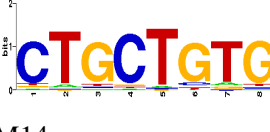

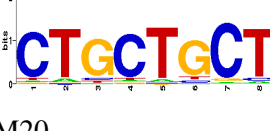

<p>M71</p>  <p>M71</p>	<p>Nanog_M01123</p>  <p>Nanog_M01123 (E val: 1.5893e-07)</p>
<p>M12</p>  <p>M12</p>	<p>GAGA_M00723</p>  <p>GAGA_M00723 (E val: 6.5476e-06)</p>
<p>M17</p>  <p>M17</p>	<p>GAGA_M00723</p>  <p>GAGA_M00723 (E val: 1.8804e-06)</p>
<p>M77</p>  <p>M77</p>	<p>Nrf-2_M00108</p>  <p>Nrf-2_M00108 (E val: 2.2469e-05)</p>
<p>M66</p>  <p>M66</p>	<p>IRF_M00972</p>  <p>IRF_M00972 (E val: 2.9993e-08)</p>
<p>M82</p>  <p>M82</p>	<p>ISGF-3_M00258</p>  <p>ISGF-3_M00258 (E val: 3.2445e-07)</p>
<p>M51</p>  <p>M51</p>	<p>PU.1_M00658</p>  <p>PU.1_M00658 (E val: 7.1499e-06)</p>
<p>M59</p>  <p>M59</p>	<p>PBF_M01130</p>  <p>PBF_M01130 (E val: 2.1757e-06)</p>

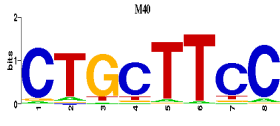

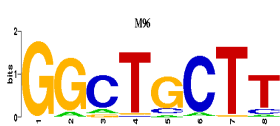

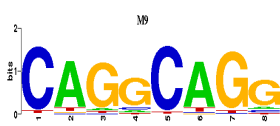

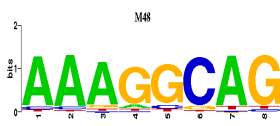

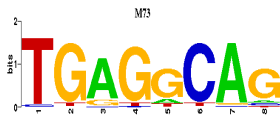

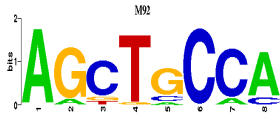

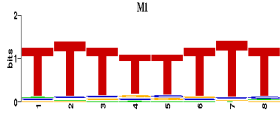

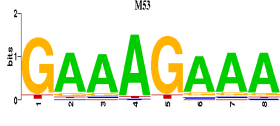

<p>M74</p> 	<p>MZF1_M00084 (E val: 2.7353e-06)</p> 
<p>M91</p> 	<p>Lyf-1_M00141 (E val: 4.4700e-08)</p> 
<p>M19</p> 	<p>Dde_M00304 (E val: 5.8869e-06)</p> 
<p>M28</p> 	<p>TAL1_M00993 (E val: 5.0274e-06)</p> 
<p>M32</p> 	<p>LMAF_M01139 (E val: 1.0219e-05)</p> 
<p>M43</p> 	<p>SEF-1_M00214 (E val: 1.6110e-05)</p> 
<p>M89</p> 	<p>ER_M00191 (E val: 5.3407e-05)</p> 
<p>M63</p> 	<p>Tal-1beta-ITF-2_M00070 (E val: 5.5100e-06)</p> 

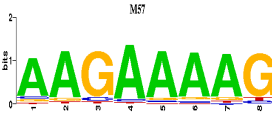

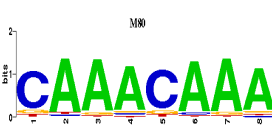

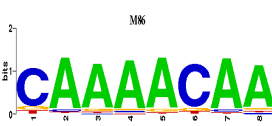

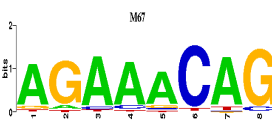

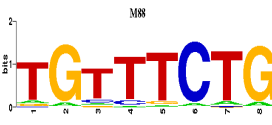
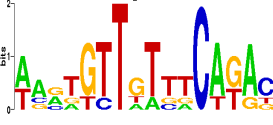
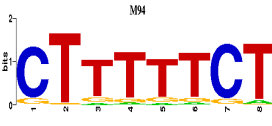
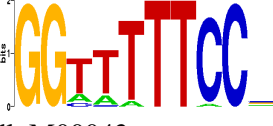
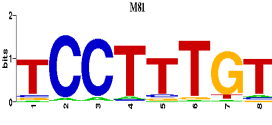

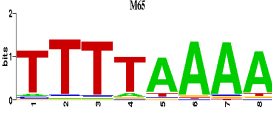
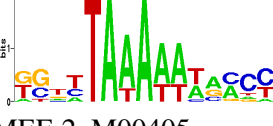
<p>M36</p>  <p>M26</p>	<p>MAZ_M00649</p>  <p>MAZ_M00649 (E val: 8.4481e-07)</p>
<p>M38</p>  <p>M38</p>	<p>TBX5_M01044</p>  <p>TBX5_M01044 (E val: 2.2896e-04)</p>
<p>M85</p>  <p>M85</p>	<p>SRF_M00810</p>  <p>SRF_M00810 (E val: 4.8077e-05)</p>
<p>M79</p>  <p>M79</p>	<p>T3R_M00963</p>  <p>T3R_M00963 (E val: 5.4421e-06)</p>
<p>M70</p>  <p>M70</p>	<p>Alx-4_M00619</p>  <p>Alx-4_M00619 (E val: 5.1786e-05)</p>
<p>M3</p>  <p>M3</p>	<p>CAC-binding_M00720</p>  <p>CAC-binding_M00720 (E val: 6.5210e-09)</p>
<p>M31</p>  <p>M31</p>	<p>AP-2_M00800</p>  <p>AP-2_M00800 (E val: 7.5457e-05)</p>
<p>M49</p>  <p>M49</p>	<p>Dde_M00304</p>  <p>Dde_M00304 (E val: 9.1755e-10)</p>

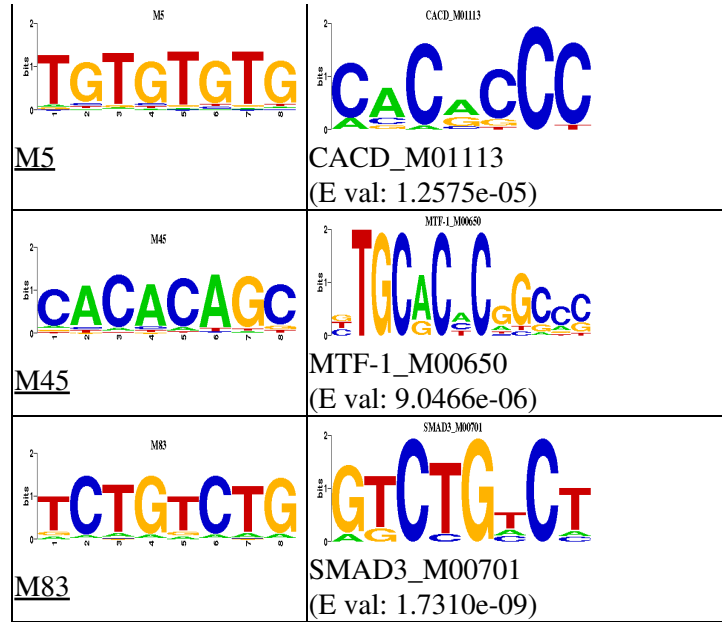
 <p>M30</p>	 <p>LF-A1_M00646 (E val: 1.0094e-05)</p>
 <p>M46</p>	 <p>LF-A1_M00646 (E val: 2.7495e-05)</p>
 <p>M50</p>	 <p>LEF1_M00805 (E val: 1.9656e-06)</p>
 <p>M68</p>	 <p>NF-E2_M00037 (E val: 3.0175e-07)</p>
 <p>M93</p>	 <p>ARP-1_M00155 (E val: 3.9782e-05)</p>
 <p>M36</p>	 <p>Zta_M00711 (E val: 1.9848e-05)</p>
 <p>M60</p>	 <p>SMAD4_M00733 (E val: 6.3542e-05)</p>
 <p>M54</p>	 <p>BRK_M01096 (E val: 2.6313e-05)</p>

 <p>M61</p>	 <p>Grainyhead-Elf-1-NTF-1_M00951 (E val: 4.8918e-06)</p>
 <p>M76</p>	 <p>BRK_M01096 (E val: 2.6694e-05)</p>
 <p>M98</p>	 <p>bZIP911_M00358 (E val: 3.0351e-05)</p>
 <p>M18</p>	 <p>Lyf-1_M00141 (E val: 1.7729e-06)</p>
 <p>M22</p>	 <p>AP-2_M00915 (E val: 2.5494e-04)</p>
 <p>M25</p>	 <p>Olf-1_M00261 (E val: 5.3907e-08)</p>
 <p>M34</p>	 <p>Olf-1_M00261 (E val: 2.6143e-08)</p>
 <p>M64</p>	 <p>Olf-1_M00261 (E val: 5.4223e-07)</p>

 <p>M47</p>	 <p>PU.1_M00658 (E val: 1.4147e-06)</p>
 <p>M69</p>	 <p>NRSF_M01028 (E val: 2.5080e-05)</p>
 <p>M87</p>	 <p>HNF4a_M00967 (E val: 8.3815e-05)</p>
 <p>M8</p>	 <p>HEB_M00698 (E val: 5.6035e-09)</p>
 <p>M21</p>	 <p>HEB_M00698 (E val: 6.0142e-09)</p>
 <p>M58</p>	 <p>LMAF_M01139 (E val: 3.1468e-08)</p>
 <p>M14</p>	 <p>LMAF_M01139 (E val: 1.4492e-06)</p>
 <p>M20</p>	 <p>LMAF_M01139 (E val: 1.4747e-06)</p>

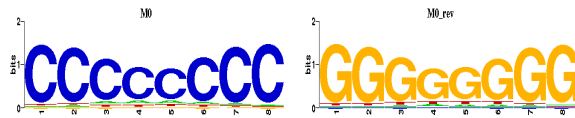
<p>M40</p>  <p>M40</p>	<p>c-Ets-1_M00743</p>  <p>c-Ets-1_M00743 (E val: 9.5286e-07)</p>
<p>M96</p>  <p>M96</p>	<p>LBP-1_M00644</p>  <p>LBP-1_M00644 (E val: 1.6718e-04)</p>
<p>M9</p>  <p>M9</p>	<p>E2A_M00973</p>  <p>E2A_M00973 (E val: 9.5196e-06)</p>
<p>M48</p>  <p>M48</p>	<p>PBF_M01130</p>  <p>PBF_M01130 (E val: 2.1717e-06)</p>
<p>M73</p>  <p>M73</p>	<p>E2A_M00804</p>  <p>E2A_M00804 (E val: 1.0868e-07)</p>
<p>M92</p>  <p>M92</p>	<p>LBP-1_M00644</p>  <p>LBP-1_M00644 (E val: 1.4886e-07)</p>
<p>M1</p>  <p>M1</p>	<p>Hb_M00022</p>  <p>Hb_M00022 (E val: 1.1096e-06)</p>
<p>M53</p>  <p>M53</p>	<p>STE11_M01005</p>  <p>STE11_M01005 (E val: 2.2929e-08)</p>

<p>M57</p> 	<p>HSF_M00163 (E val: 8.9298e-09)</p> 
<p>M80</p> 	<p>HFH4_M00742 (E val: 4.4344e-08)</p> 
<p>M86</p> 	<p>HNF3alpha_M00724 (E val: 3.6476e-06)</p> 
<p>M67</p> 	<p>Ovo_M00461 (E val: 4.6567e-06)</p> 
<p>M88</p> 	<p>FOXP3_M00992 (E val: 8.1489e-06)</p> 
<p>M94</p> 	<p>dI_M00043 (E val: 2.1546e-05)</p> 
<p>M81</p> 	<p>STE11_M01005 (E val: 2.9105e-07)</p> 
<p>M65</p> 	<p>MEF-2_M00405 (E val: 2.4782e-06)</p> 



Motif Similarity Matches

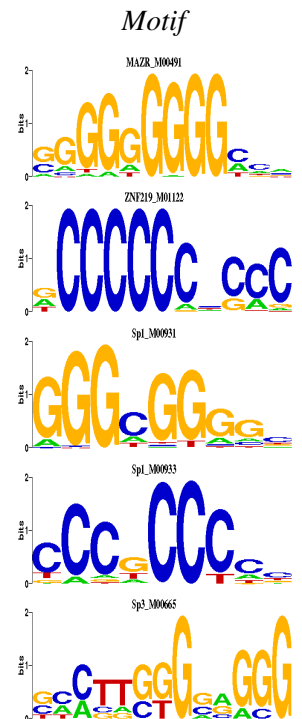
M0



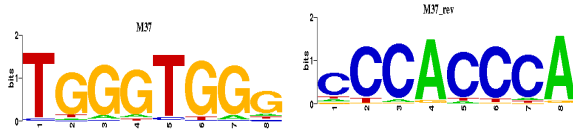
forward

reverse compliment

Name	E value	Alignment
MAZR_M00491	9.2731e-12	---CCCCCCC- NNKCCCCCCCCS
ZNF219_M01122	2.1612e-10	--GGGGGGGG- GGNGGGGGGN
Sp1_M00931	2.9455e-07	-CCCCCCCC NCCCCGCC
Sp1_M00933	6.6355e-07	CCCCCCCC- CCCKCCCCN
Sp3_M00665	7.9997e-07	CCCCCCCC----- CCCYSCCCAAGKS



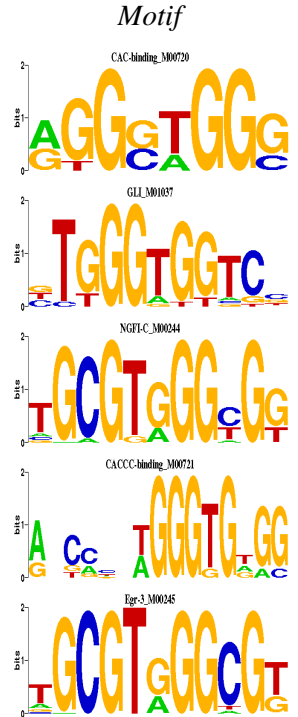
M37



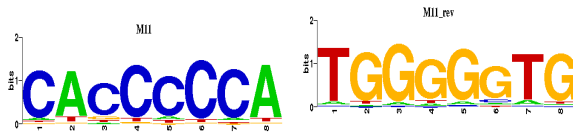
forward

reverse compliment

Name	E value	Alignment
CAC-binding_M00720	2.6268e-08	CCCACCCA CCCASCCY
GLI_M01037	3.6148e-08	-TGGGTGGG-- NTGGGTGGTCN
NGFI-C_M00244	6.5739e-07	---CCCACCCA CCRCCCACGCA
CACCC-binding_M00721	7.5200e-07	-CCCACCCA----- CCNCACCCWNNKGNT
Egr-3_M00245	9.7094e-07	---CCCACCCA ACGCCACGCA



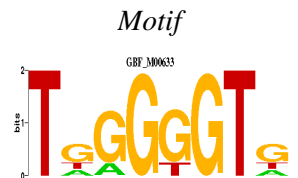
M11



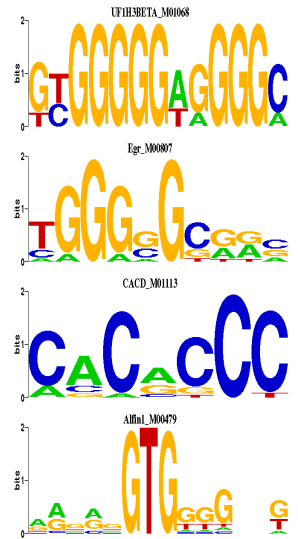
forward

reverse compliment

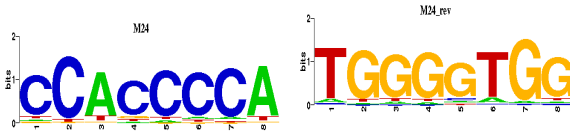
Name	E value	Alignment
GBF_M00633	6.8501e-14	CACCCCA NACCCNA



UF1H3BETA_M01068	1.4824e-07	----CACCCCCA- GCCCCCTCCCCRC
Egr_M00807	2.7320e-06	--CACCCCCA NYYGCSCCCA
CACD_M01113	7.6886e-06	TGGGGGTG -GGYGTG
Alfin1_M00479	1.1540e-05	-----TGGGGGTG NRNRNGTGGGGNNK



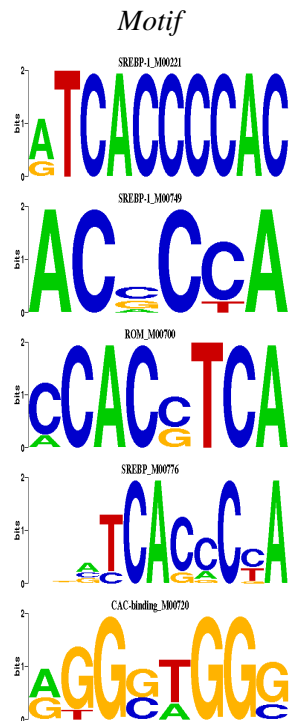
M24



forward

reverse compliment

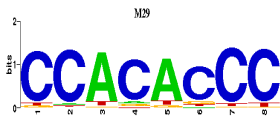
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
SREBP-1_M00221	8.4902e-09	-TGGGGTGG- GTGGGGTGGT
SREBP-1_M00749	4.9900e-08	CCACCCCA --ACSCCA
ROM_M00700	5.2868e-08	TGGGGTGG TGASGTGG
SREBP_M00776	1.7306e-07	---CCACCCCA NNNTCACCXYA
CAC-binding_M00720	5.8978e-07	-CCACCCCA CCCASCCY-



Stamp Results

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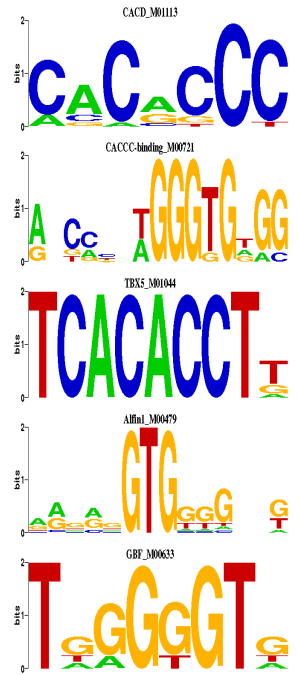
M29



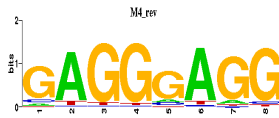
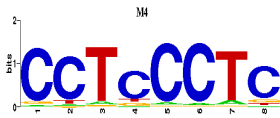
forward

reverse compliment

Name	E value	Alignment
CACD_M01113	2.7515e-10	GGGTGTGG GGGYGTG-
CACCC-binding_M00721	1.3055e-09	CCACACCC----- CCNCACCCWNNKGNT
TBX5_M01044	5.1985e-06	-GGGTGTGG AAGGTGTGA
Alfin1_M00479	5.4096e-06	---CCACACCC--- MNNCCCCACNYNYN
GBF_M00633	1.0455e-05	CCACACCC- -NACCCNA



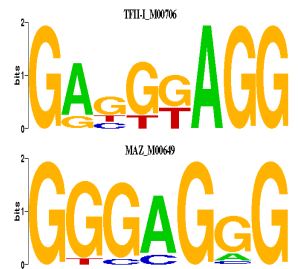
M4



forward

reverse compliment

Name	E value	Alignment
TFII-I_M00706	6.5592e-13	CCTCCCTC CCTMCNTC
MAZ_M00649	2.3223e-07	-CCTCCCTC CCCTCCC-



Tra-1_M01048 2.4255e-06

-CCTCCCTC
ACCWCCC--



UF1H3BETA_M01068 3.2703e-06

--GAGGGAGG---
GYGGGGGAGGGGC

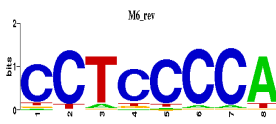
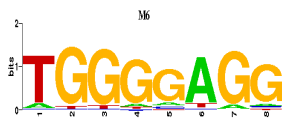


PU.1_M00658 5.5255e-06

CCTCCCTC
-CTTCCTC



M6



forward

reverse compliment

Name

E value

Alignment

Motif

Sp3_M00665 1.5110e-08

-CCTCCCCA----
CCCYSCCAAGKS



UF1H3BETA_M01068 1.7609e-07

--TGGGGAGG---
GYGGGGGAGGGGC



MAZ_M00649 2.3442e-07

-CCTCCCCA
CCCTCCC--



Tra-1_M01048 1.9217e-06

-CCTCCCCA
ACCWCCC--

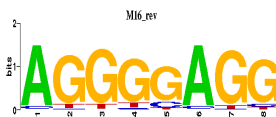
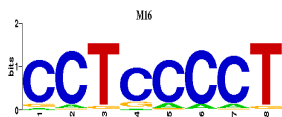


Lyf-1_M00141 3.0604e-06

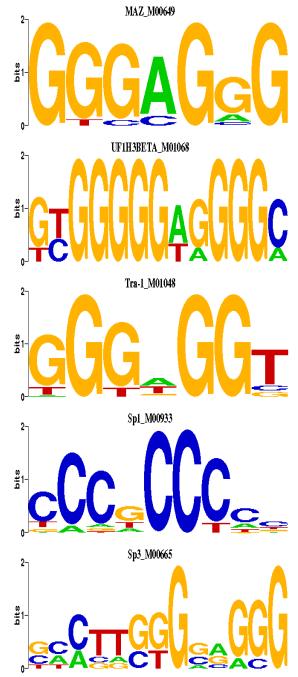
CCTCCCCA
YCTCCCA



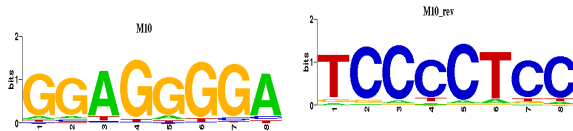
M16



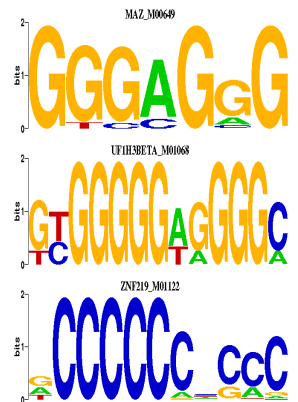
	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAZ_M00649	2.3020e-07	-CCTCCCCT CCCTCCC--
UF1H3BETA_M01068	4.0341e-07	--AGGGGAGG--- GYGGGGGAGGGGC
Tra-1_M01048	3.8712e-06	-CCTCCCCT ACCWCCC--
Sp1_M00933	9.1743e-06	AGGGGAGG- NGGGGMGGG
Sp3_M00665	9.3554e-06	-CCTCCCCT---- CCCYSCCAAGKS



M10



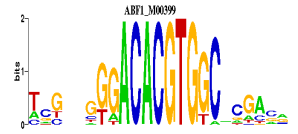
	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
MAZ_M00649	2.2271e-07	TCCCCTCC- --CCCTCCC
UF1H3BETA_M01068	2.2925e-07	TCCCCTCC----- GCCCTCCCCRC
ZNF219_M01122	2.2549e-06	-GGAGGGGA-- GGNGGGGGGN



ABF1_M00399

1.4792e-05

-----TCCCCTCC--
NNTCNGGCCACGTGTCCCNNNW



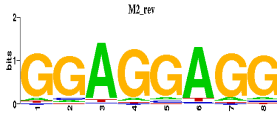
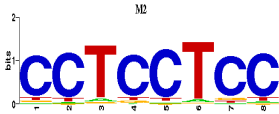
STRE_M00308

1.8877e-05

TCCCCTCC
NCCCCT--



M2



forward

reverse compliment

Name E value Alignment Motif

UF1H3BETA_M01068 2.8164e-06

---CCTCCTCC--
GCCCTCCCCRC



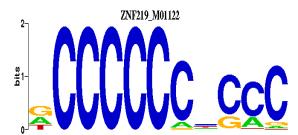
PU.1_M00658 3.7236e-06

GGAGGAGG
-GAGGAAG



ZNF219_M01122 2.4520e-05

-GGAGGAGG--
GGNGGGGGGN



ROM_M00700 5.5742e-05

GGAGGAGG
TGASGTGG

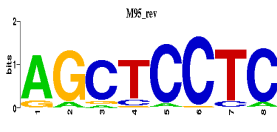
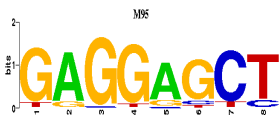


Nrf-2_M00108 1.4986e-04

--GGAGGAGG
CCGGAAGNS-

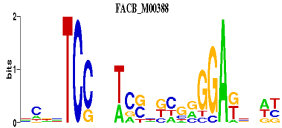
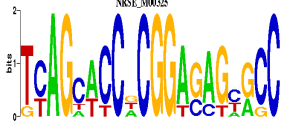


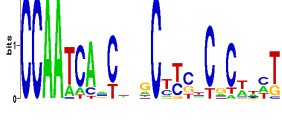


M95

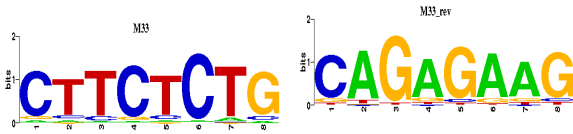


forward

reverse compliment





<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
FACB_M00388	4.2865e-05	--AGCTCCTC----- NNNNMTCCNNNNNSNANNGGANNNN	
NRSE_M00325	1.4023e-04	-----GAGGAGCT-- GGCRCTCTCCGNGGTGCTGA	
PU.1_M00658	3.2053e-04	AGCTCCTC -CTTCCTC	
UF1H3BETA_M01068	8.2919e-04	AGCTCCTC----- -GCCCCTCCCCRC	
CCAAT_M00200	8.3019e-04	-----GAGGAGCT----- ANNWNGNRRRGNNNGNTGATTGG	

M33



forward

reverse compliment

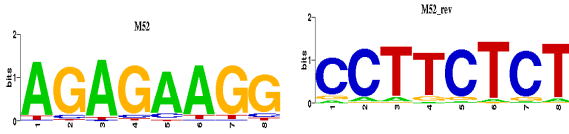
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GATA-2_M00349	1.8075e-05	CAGAGAAG- SAGATAANA	
Sry-beta_M00666	6.0165e-05	-CTTCTCTG GCATCWCT-	
GATA-1_M00347	1.0688e-04	-CTTCTCTG YNTTATCTN	
GATA-3_M00350	1.5756e-04	-CTTCTCTG TNTTATCTY	

GATA-2_M00348 1.6176e-04

CAGAGAAG-
NWGATAASN



M52

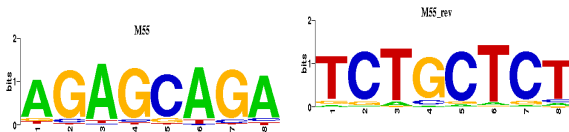


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Sry-beta_M00666	2.8807e-05	AGAGAAGG AGWGATGC	
GATA-1_M00347	6.6464e-05	CCTTCTCT- YNTTATCTN	
Lmo2_M00278	6.8031e-05	CCTTCTCT CSNTATCK	
GATA-2_M00349	9.0740e-05	CCTTCTCT- TNTTATCTS	
GATA-3_M00350	1.1597e-04	CCTTCTCT- TNTTATCTY	

M55



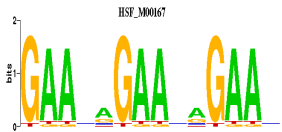
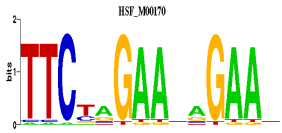



forward

reverse compliment

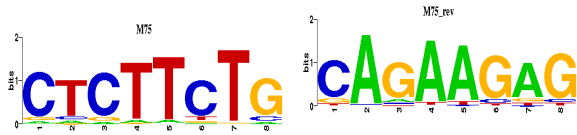
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Stamp Results

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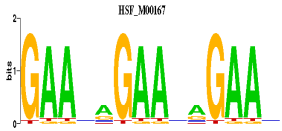

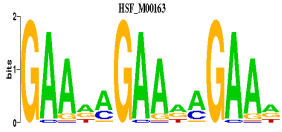
HSF_M00167	8.2521e-06	--TCTGCTCT---- NTTCNNTTCNNTTC	
HSF_M00170	8.2521e-06	--TCTGCTCT---- NTTCNNTTCNNGAA	
Pax-1_M00326	8.3555e-06	---TCTGCTCT----- CGTTCGCTCTAGATAT	
GATA-2_M00349	1.7979e-04	-AGAGCAGA SAGATAANA	
TAL1_M00993	3.8140e-04	AGAGCAGA--- --RNCAGNTGG	

M75



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Nrf-2_M00108	2.5959e-07	-CAGAAGAG CCGGAAGNS	
HSF_M00167	3.1447e-05	---CTCTTCTG--- NTTCNNTTCNNTTC	
XPF-1_M00684	8.1983e-05	-CTCTTCTG GKTSNYCNG	
HSF_M00163	2.6354e-04	---CTCTTCTG--- NTTCNNTTCNNTTC	

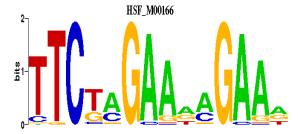
Stamp Results

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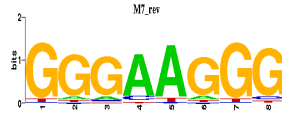
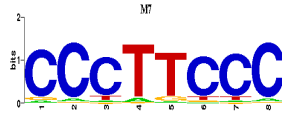
HSF_M00166

2.6354e-04

---CTCTTCTG---
NTTCTNTTCTAGAA



M7

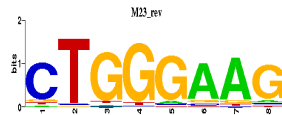
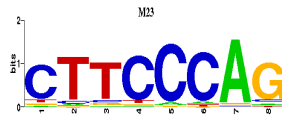


forward

reverse compliment

Name	E value	Alignment	Motif
UF1H3BETA_M01068	4.5759e-07	-CCCTTCCC----- GCCCTTCCCCRC	
MAZ_M00649	3.5637e-06	CCCTTCCC -CCCTCCC	
BLIMP1_M01066	6.6798e-06	GGGAAGG----- -GRAAGKGAAGKR	
Sp3_M00665	2.7138e-05	CCCTTCCC----- CCCYSCCAAGKS	
ZNF219_M01122	5.5439e-05	---CCCTTCCC NCCCCCNCCC	

M23



forward

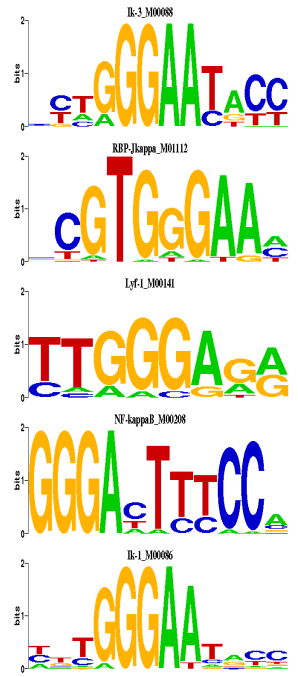
reverse compliment

Name	E value	Alignment	Motif
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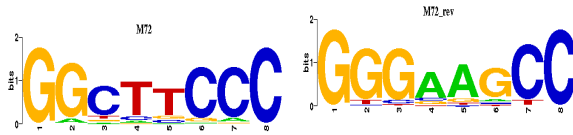
Stamp Results

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Ik-3_M00088	7.7229e-07	---CTTCCCAG- GGTATTCCCNRN
RBP-Jkappa_M01112	1.4107e-05	CTTCCCAG-- KTTCCCACGN
Lyf-1_M00141	2.0823e-05	CTTCCCAG YCTCCCAA
NF-kappaB_M00208	2.9133e-05	CTGGGAAG---- -NGGAAARTCCC
Ik-1_M00086	6.6698e-05	---CTTCCCAG- NNNATTCCCANN



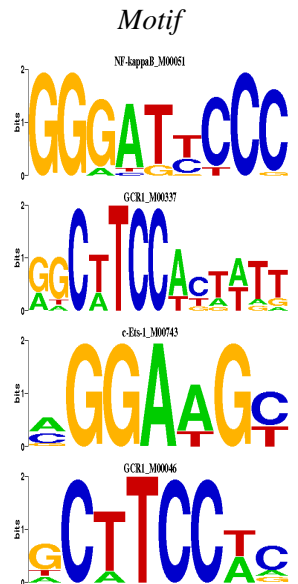
M72



forward

reverse compliment

Name	E value	Alignment
NF-kappaB_M00051	2.6138e-07	GGGAAGCC- GGGRATCCC
GCR1_M00337	5.9317e-07	GGCTTCCC----- GGCTTCCACTWTT
c-Ets-1_M00743	7.4238e-07	GGCTTCCC -GCTTCC
GCR1_M00046	1.7941e-06	GGCTTCCC- -GCTTCCWC

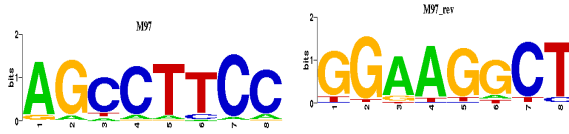


NF-kappaB_M00054 1.1281e-05

GGGAAGCC-
GGRAAKTCC



M97

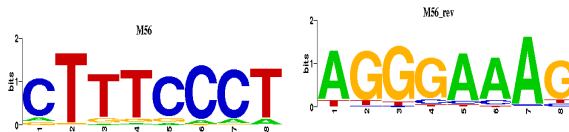


forward

reverse compliment

Name	E value	Alignment	Motif
c-Ets-1_M00743	2.2832e-04	AGCCTTCC- --GCTTCCK	
PEA3_M00655	2.4130e-04	-GGAAGGCT MGGAWG---	
Ets_M00971	2.6885e-04	--GGAAGGCT NAGGAAG---	
PU.1_M00658	2.9899e-04	AGCCTTCC-- ---CTTCCTC	
GCR1_M00046	7.0597e-04	--GGAAGGCT GWGGAAGC--	

M56



forward

reverse compliment

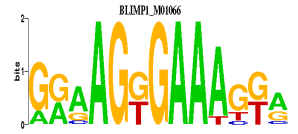
Name	E value	Alignment	Motif
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Stamp Results

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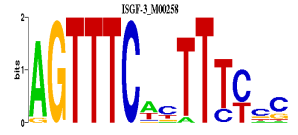
BLIMP1_M01066 2.1706e-10

---AGGGAAAG--
GRAAGKGAAAGKR



ISGF-3_M00258 3.2868e-06

-----CTTTCCT
AGTTTCWNTTTCNC-



BPC1_M01126 2.6539e-05

CTTTCCT
NTTTC---



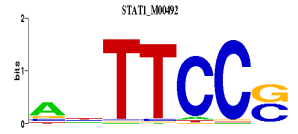
E2F_M01114 4.6717e-05

--AGGGAAAG
NGCGGGAAN

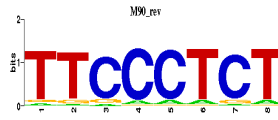
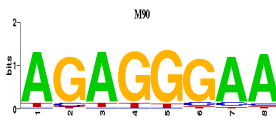


STAT1_M00492 4.8946e-05

CTTTCCT
ANTTCCS-



M90



forward

reverse compliment

Name

E value

Alignment

Motif

MAF_M00648

3.3618e-07

-----TTCCTCT
NSNMMACTTCCYYCN



MZF1_M00084

4.7145e-06

TTCCTCT----
TNNCCCCCTNNN



TFII-I_M00706

1.2645e-05

-TTCCTCT
CCTMCNTC-



Elf-1_M00746

1.9198e-05

-TTCCTCT--
AYTTCCTCTN

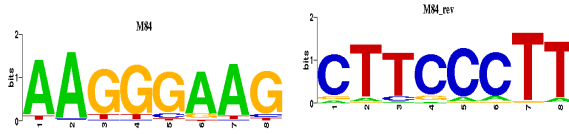


E2F-1-DP-2_M00737 3.5224e-05

TTCCCTCT
TTCCCGC-



M84

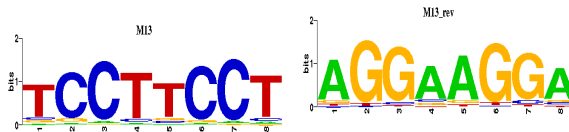


forward

reverse compliment

Name	E value	Alignment	Motif
BLIMP1_M01066	8.6401e-07	---CTTCCCTT-- YMCTTTCMCTTYC	
MAF_M00648	7.5354e-06	-----CTTCCCTT- NSNMMACTTCCYTCN	
DEC_M00997	2.9583e-05	-CTTCCCTT--- NNNTCACNTGNN	
TFII-I_M00706	1.2712e-04	AAGGGAAG GANGKAGG	
EBF_M00977	1.5720e-04	----AAGGGAAG NCYCWRGGGA--	

M13








forward

reverse compliment

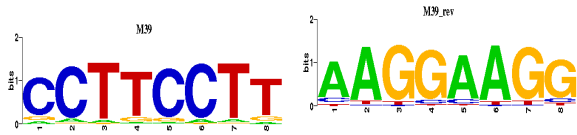
Name	E value	Alignment	Motif
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Stamp Results

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Tel-2_M00678	6.2736e-08	-AGGAAGGA CAGGAAGTA	
Ets_M00971	2.9786e-07	-AGGAAGGA NAGGAAG--	
PU.1_M00658	3.8520e-07	-AGGAAGGA GAGGAAG--	
PEA3_M00655	1.6475e-06	AGGAAGGA MGGAWG--	
c-Ets-1_M00743	2.4507e-06	TCCTTCCT -GCTTCK	

M39



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Ets_M00971	3.1431e-07	CCTTCCTT -CTTCTN	
PU.1_M00658	5.1787e-07	CCTTCCTT -CTTCTC	
PEA3_M00655	1.0438e-06	AAGGAAGG -MGGAWG-	
c-Ets-1_M00743	2.1159e-06	AAGGAAGG -MGAAGC	

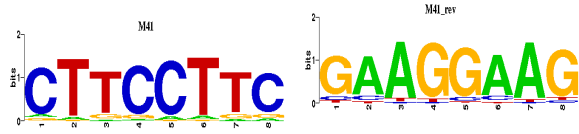
Tel-2_M00678

6.7756e-06

-CCTTCCTT
TACTTCCTG



M41



forward

reverse compliment

Name E value Alignment Motif

MAF_M00648

2.8890e-07

-GAAGGAAG-----
NGRRGGAAGTKKNSN



Ets_M00971

3.2376e-07

GAAGGAAG
-NAGGAAG



PU.1_M00658

4.5432e-07

CTTCCTTC
CTTCCTC-



PEA3_M00655

1.1344e-06

GAAGGAAG
--MGGAWG



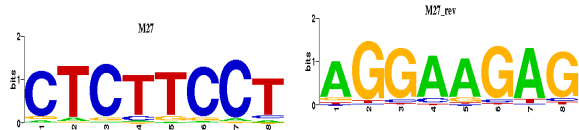
c-Ets-1_M00743

2.1749e-06

GAAGGAAG-
--MGGAAGC








M27



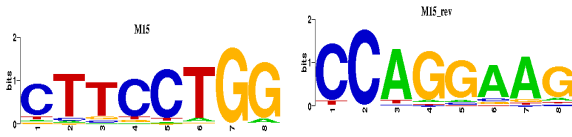
forward

reverse compliment

Name E value Alignment Motif


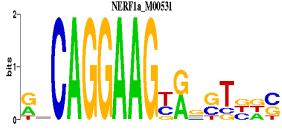


Nrf-2_M00108	1.2118e-08	CTCTTCCT- SNCTTCCGG	
Ets_M00971	3.4480e-07	-AGGAAGAG NAGGAAG--	
PU.1_M00658	3.5922e-07	CTCTTCCT- --CTTCCTC	
PEA3_M00655	2.2546e-06	AGGAAGAG MGGAWG--	
c-Ets-1_M00743	2.9297e-06	CTCTTCCT -GCTTCK	

M15



forward

reverse compliment

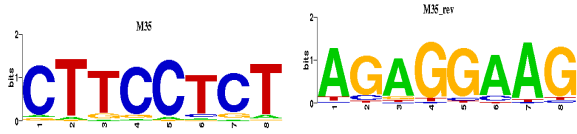
Name	E value	Alignment	Motif
Tel-2_M00678	2.9612e-09	CCAGGAAG-- -CAGGAAGTA	
NERF1a_M00531	5.2030e-09	-CCAGGAAG----- RNCAGGAAGYRNSTNNS	
Ets_M00771	9.7732e-08	----CTTCCTGG NNNRCTTCCTG-	
Ets_M00971	2.5470e-07	CCAGGAAG -NAGGAAG	

c-Ets-2_M00340 2.7184e-07

CCAGGAAG-----
RCAGGAAGTNNNT



M35

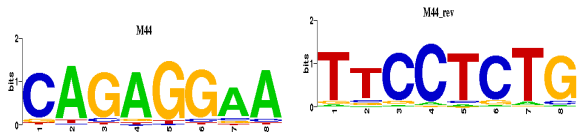


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	5.1549e-11	CTTCCTCT CTTCCTC-	
Elf-1_M00746	3.3749e-10	-CTTCCTCT-- AYTTCCTCTTN	
GCR1_M00046	1.6323e-08	AGAGGAAG- -GWGGAAGC	
Ets_M00971	3.1568e-07	AGAGGAAG -NAGGAAG	
GCR1_M00337	4.8222e-07	---AGAGGAAG-- AAWAGTGGAAAGCC	

M44



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Elf-1_M00746 3.3441e-08

--TTCCTCTG-
AYTTCCTCTTN



XPF-1_M00684 2.0619e-07

CAGAGGAA-
CNGRNSAMC



PU.1_M00658 3.2668e-07

-TTCCTCTG
CTTCCTC--



GCR1_M00046 2.5937e-05

CAGAGGAA--
--GWGGAAGC

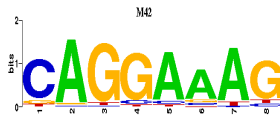


c-Ets-2_M00340 1.9340e-04

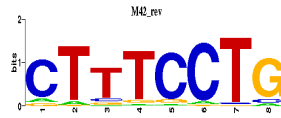
-----TTCCTCTG
ANNNACTTCCTGY-



M42



forward



reverse compliment

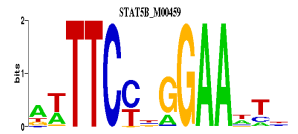
Name *E value*

Alignment

Motif

STAT5B_M00459 2.3877e-06

-----CAGGAAAG
NRNTTCCNGGAAWN



Tel-2_M00678 6.4536e-06

CAGGAAAG-
CAGGAAGTA



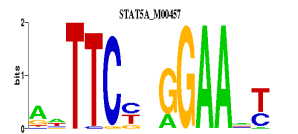
Rim101p_M01030 1.6104e-05

CAGGAAAG
CAAGNAA-



STAT5A_M00457 2.1930e-05

-CTTTCCTG-----
NRNTTCCNRGAANY

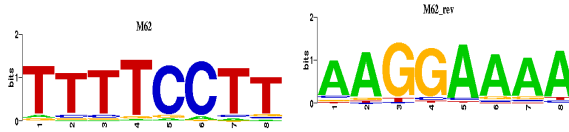


BPC1_M01126 2.5184e-05

CTTTCCTG
NTTTC---



M62

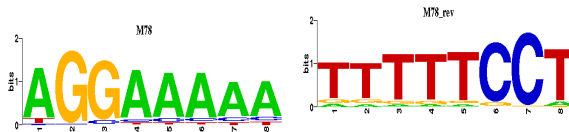


forward

reverse compliment

Name	E value	Alignment	Motif
Helios_M01004	2.3657e-11	-AAGGAAAA- NWAGGAAAAN	
AG_M01133	3.0066e-07	-----AAGGAAAA TWNCAAAAAWGGNAAN	
MCM1+SFF_M01051	5.5017e-06	-----TTTTCTT----- TTRITTTANNWTWTNCCNNWTTNGGNA	
BLIMP1_M01066	1.1265e-05	---TTTTCTT-- YMCTTTCMCTTYC	
dI_M00043	1.5301e-05	AAGGAAAA--- -NGGAAAAACC	

M78



forward

reverse compliment

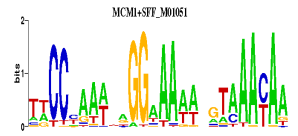
Name	E value	Alignment	Motif
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Stamp Results

10/01/13

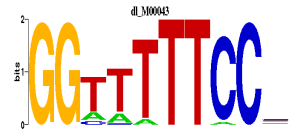
MCM1+SFF_M01051 7.0485e-09

-----TTTTTCCT-----
TTRTTTANNWTWTNCCNNWTTNGGNA



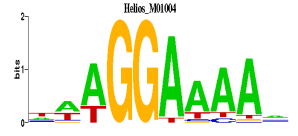
dl_M00043 1.4545e-08

--TTTTTCCT
GGTTTTCCN



Helios_M01004 1.4824e-08

TTTTTCCT--
NTTTTCCTWN



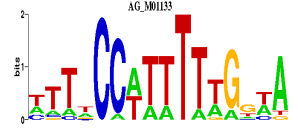
dl_M00120 1.2057e-04

--TTTTTCCT
NGNTTTTCYC

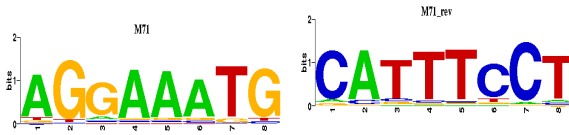


AG_M01133 1.2199e-04

-----AGGAAAAA
TWNCAAAAAWGGNAAN-



M71



forward

reverse compliment

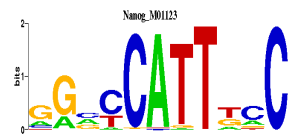
Name *E value*

Alignment

Motif

Nanog_M01123 1.5893e-07

AGGAAATG----
-GGMAATGGNCC



c-Ets-1_M00339 4.3240e-07

-----CATTTCCT-
NNMNNNACTTCTG



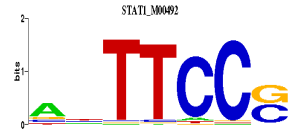
Elf-1_M00746 1.0133e-06

CATTTCCT----
-AYTTCCTCTN



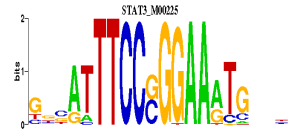
STAT1_M00492 1.6772e-06

CATTTCCT
-ANTTCCS

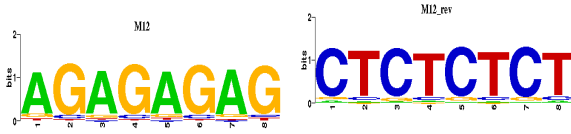


STAT3_M00225 2.4061e-06

---CATTTCCT-----
NNNCATTTCCTCGAAATNNN



M12

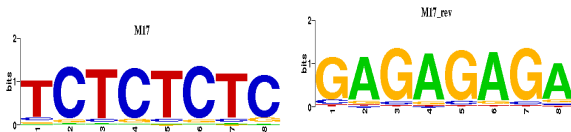


forward

reverse compliment

Name	E value	Alignment	Motif
GAGA_M00723	6.5476e-06	-CTCTCTCT- TYNCKTCTWS	
SMAD3_M00701	2.1701e-05	CTCTCTCT GTCIGNCT	
Retroviral_M00212	1.1374e-04	-AGAGAGAG----- NAGNRRRRRGNTTTATT	
TFII-I_M00706	1.1441e-04	-CTCTCTCT CCTMCNTC-	
ARF_M00438	9.2203e-04	AGAGAGAG -GAGACAA	

M17







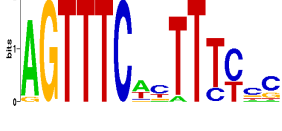
forward

reverse compliment

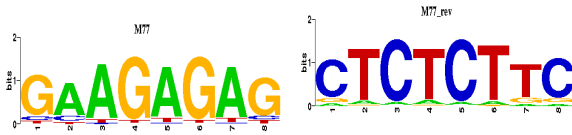
Name	E value	Alignment	Motif
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Stamp Results

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GAGA_M00723	1.8804e-06	TCTCTCTC-- TYNCKCTCWS	
SMAD3_M00701	2.1005e-05	-TCTCTCTC GTCTGNCT-	
TFII-I_M00706	1.1795e-04	TCTCTCTC CCTMCNTC	
ARF_M00438	9.1449e-04	TCTCTCTC -TTGTCTC	
ISGF-3_M00258	1.5742e-03	--GAGAGAGA---- GNGAAANWGAAACT	

M77



forward

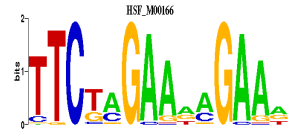
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Nrf-2_M00108	2.2469e-05	CTCTCTTC--- --SNCTTCCGG	
IRF-1_M00747	3.0630e-05	GAAGAGAG -AANTGA-	
HSF_M00163	1.0541e-04	-CTCTCTTC----- NTTCTNTTCTNTTC	
HSF_M00164	1.0541e-04	-----CTCTCTTC AGAANNTTCTNTTC	

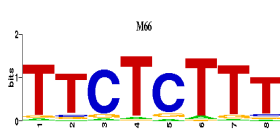
HSF_M00166

1.0541e-04

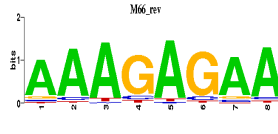
-CTCTCTTC-----
NTTCTNTTCTAGAA



M66



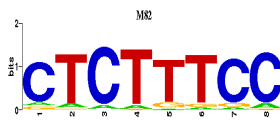
forward



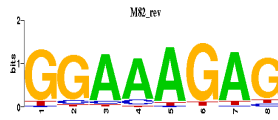
reverse compliment

Name	E value	Alignment	Motif
IRF_M00972	2.9993e-08	AAAGAGAA-- AAANWGAAAN	
ISGF-3_M00258	5.1651e-08	---AAAGAGAA--- GNGAAANWGAAACT	
IRF-2_M00063	2.8383e-06	---TTCTCTTT- RSTTTTCRCTTTT	
IRF-1_M00062	3.3488e-06	---TTCTCTTT- GGTTTCRCTTTT	
MEF-2_M00233	9.0630e-06	---TTCTCTTT----- NNNTTCTATTTTTAGTAACAN	

M82

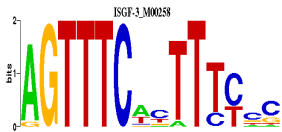

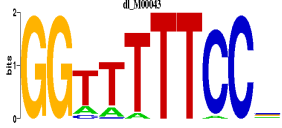




forward

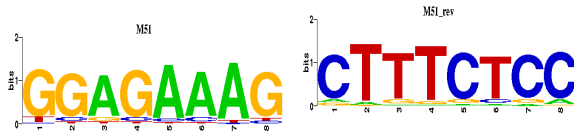


reverse compliment

Name	E value	Alignment	Motif
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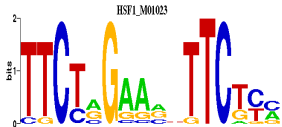

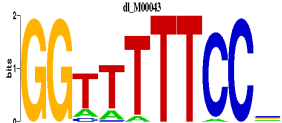
ISGF-3_M00258	3.2445e-07	-----CTCTTTCC-- AGTTTCWNTTTCNC	
BPC1_M01126	1.9287e-05	CTCTTTCC --NTTTC-	
dl_M00043	1.6176e-04	-GGAAAGAG- NGGAAAACC	
NF-kappaB_M00208	1.7017e-04	-GGAAAGAG-- NGGAAARTCCC	
Nrf-2_M00108	1.7752e-04	CTCTTTCC- SNCTTCCGG	

M51



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	7.1499e-06	CTTTCTCC CTTCCTC-	
HSF1_M01023	1.7802e-05	GGAGAAAG----- KRAGAANN TTCYAGAA	
BPC1_M01126	2.2464e-05	CTTTCTCC NTTTC---	
dl_M00043	1.9077e-04	-GGAGAAAG- NGGAAAACC	

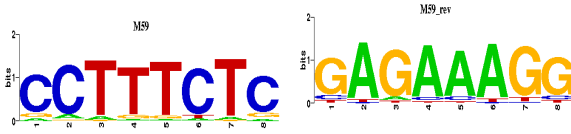
dl_M00120

2.0759e-04

---CTTTCTCC
NGNTTTTCYC-



M59

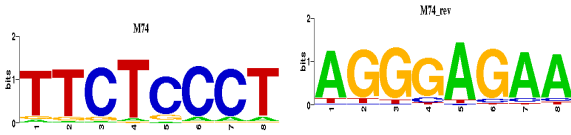


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PBF_M01130	2.1757e-06	CCTTTCTC CCTTT---	
PU.1_M00658	8.3092e-06	CCTTTCTC -CTTCCTC	
BPC1_M01126	2.0796e-05	CCTTTCTC -NTTTC--	
BLIMP1_M01066	3.3115e-05	----GAGAAAGG- GRAAGKGAAAGKR	
GCR1_M00046	1.9365e-04	GAGAAAGG GWGGAAGC	

M74



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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MZF1_M00084 2.7353e-06

TTCTCCCT----
TTNCCCCTCNNN



TFII-I_M00706 1.3823e-05

-AGGGAGAA
GANGKAGG-



Lyf-1_M00141 5.4466e-05

-AGGGAGAA
TTGGGAGR-



MAZ_M00649 2.0151e-04

AGGGAGAA
-GGGAGGG

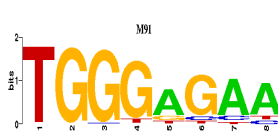


Tel-2_M00678 7.9082e-04

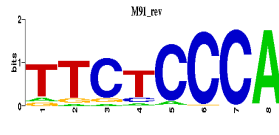
TTCTCCCT-
TACTTCCTG



M91



forward



reverse compliment

Name

E value

Alignment

Motif

Lyf-1_M00141

4.4700e-08

-TGGGAGAA
TTGGGAGR-



RBP-Jkappa_M01111

1.8193e-04

--TGGGAGAA
NGTGGGA---



MAZ_M00649

2.6216e-04

TTCTCCCA
CCCTCC-



Su_H_M00234

3.1533e-04

---TTCTCCCA-
NGKTTCCACRN



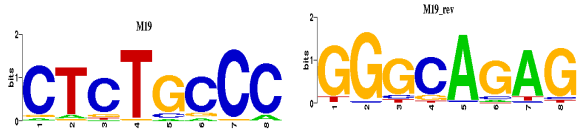
MZF1_M00084

3.7811e-04

TTCTCCCA-----
TTNCCCCTCNNN



M19



forward

reverse compliment

Name E value Alignment Motif

Dde_M00304

5.8869e-06

-CTCTGCCC
GCTCAGCC-



HNF4_M01031

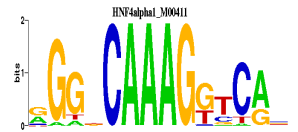
6.4366e-06

-----CTCTGCCC
NTGRMCITTTGNNC



HNF4alpha1_M00411 2.7046e-05

-----CTCTGCCC-
NTGACCTTTGNCCY



PPAR_M00528

3.0650e-05

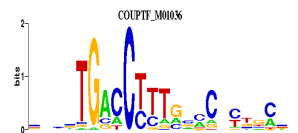
----GGGCAGAG----
NNNNGGNCAAAGGTCA



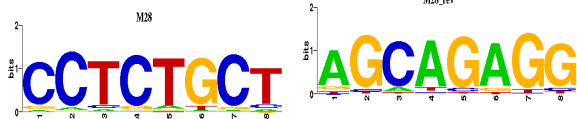
COUPTF_M01036

4.8843e-05

-----CTCTGCCC-----
NNNNTGACCTTTNMCNYYNNMN



M28



forward

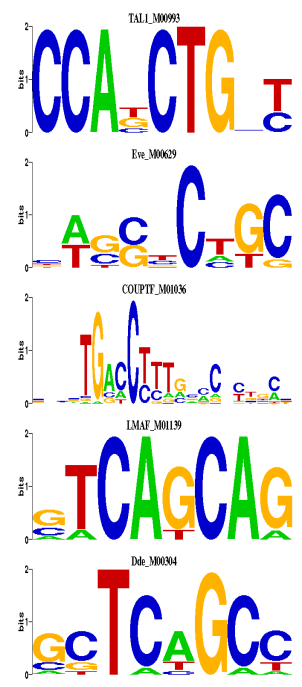
reverse compliment

Name E value Alignment Motif

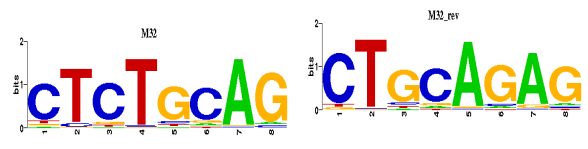
Stamp Results

10/01/13

TAL1_M00993	5.0274e-06	AGCAGAGG- RNCAGNTGG
Eve_M00629	5.6105e-05	AGCAGAGG-- -GCNGNSSWN
COUPTF_M01036	3.9053e-04	AGCAGAGG----- NKNNRNGKNNAAGGTCANNNN
LMAF_M01139	7.6627e-04	CCTCTGCT--- ---CTGCTGAS
Dde_M00304	1.1251e-03	AGCAGAGG GGCTGAGC



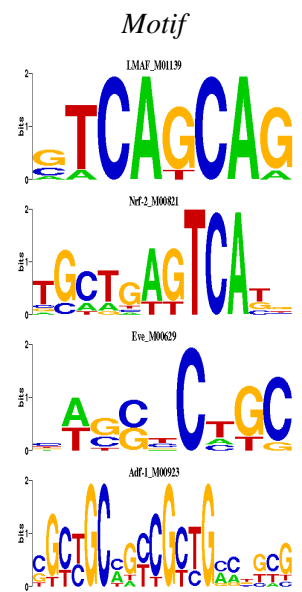
M32



forward

reverse compliment

Name	E value	Alignment
LMAF_M01139	1.0219e-05	CTGCAGAG CTGCTGAS
Nrf-2_M00821	2.0408e-04	-----CTCTGCAG NNTGACTCAGCA-
Eve_M00629	2.5569e-04	---CTCTGCAG NWSSNCNGC--
Adf-1_M00923	7.4350e-04	CTCTGCAG----- SGCYGCMGYCGCTGMMNKYG

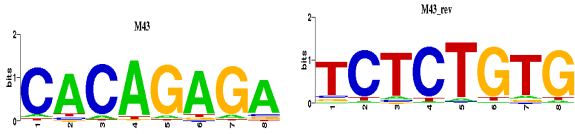


v-Maf_M00035 7.5232e-04

-----CTCTGCAG--
NNTGCTGACNNGCANN



M43

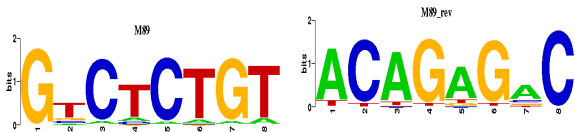


forward

reverse compliment

Name	E value	Alignment	Motif
SEF-1_M00214	1.6110e-05	---CACAGAGA----- RACCACAGATATCCGTGT	
ER_M00191	3.4882e-05	---TCTCTGTG----- NNRNNNNNNNTGACCNNN	
STE11_M01005	1.4652e-04	--TCTCTGTG- TTTCTTTGTTC	
SOX_M01014	2.9217e-04	----CACAGAGA NCNTAACAAAGA	
STE11_M00274	9.5875e-04	-----CACAGAGA----- WNNNNAACAAAGAAANW	

M89



forward

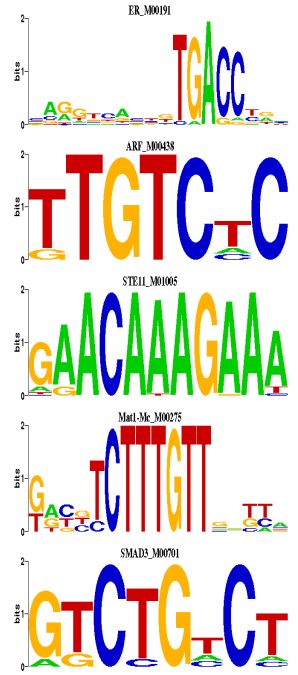
reverse compliment

Name	E value	Alignment	Motif
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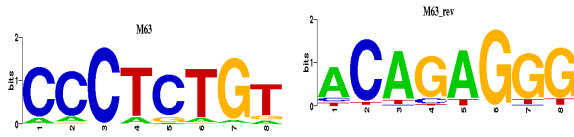
Stamp Results

10/01/13

ER_M00191	5.3407e-05	---GTCTCTGT----- NNRNNNNNNNTGACCNNN
ARF_M00438	1.8874e-04	ACAGAGAC-- ---GAGACAA
STE11_M01005	2.2428e-04	-GTCTCTGT-- TTTCTTTGTTC
Mat1-Mc_M00275	2.8561e-04	-----ACAGAGAC--- NRMNNAACAAAGANRYC
SMAD3_M00701	2.9007e-04	ACAGAGAC AGNCAGAC



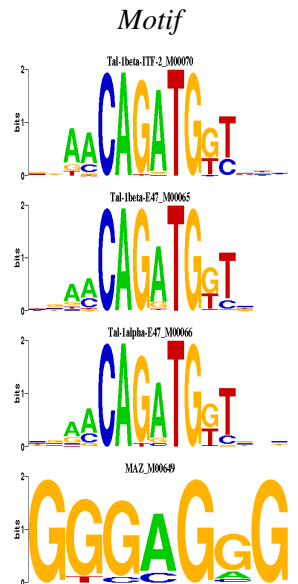
M63



forward

reverse compliment

Name	E value	Alignment
Tal-1beta-ITF-2_M00070	5.5100e-06	----CCCTCTGT--- NNNACCATCTGTNN
Tal-1beta-E47_M00065	8.2915e-06	----CCCTCTGT--- NNNACCATCTGTNN
Tal-1alpha-E47_M00066	1.3039e-05	----CCCTCTGT--- NNNAMCATCTGTNN
MAZ_M00649	2.8831e-04	CCCTCTGT CCCTCCC-



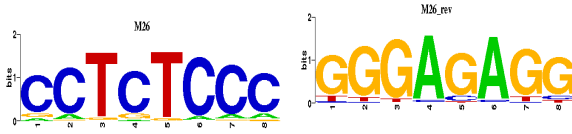
COUPTF_M01036

8.0933e-04

-ACAGAGGG-----
NKNNRNGKNNAAAGGTCANNNN



M26

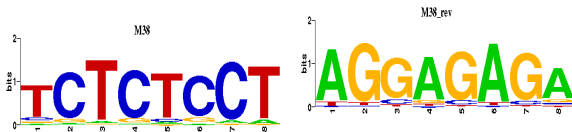


forward

reverse compliment

Name	E value	Alignment	Motif
MAZ_M00649	8.4481e-07	CCTCTCCC -CCCTCCC	
UF1H3BETA_M01068	4.7471e-06	--GGGAGAGG--- GYGGGGGAGGGGC	
ZNF219_M01122	2.3973e-05	GGGAGAGG--- GGGNGGGGGGN	
Lyf-1_M00141	5.5717e-05	CCTCTCCC-- --YCTCCCAA	
BLIMP1_M01066	5.9683e-05	----GGGAGAGG- GRAAGKGAAGKR	

M38



forward

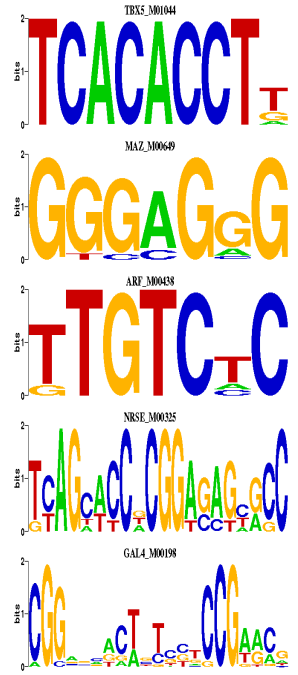
reverse compliment

Name	E value	Alignment	Motif
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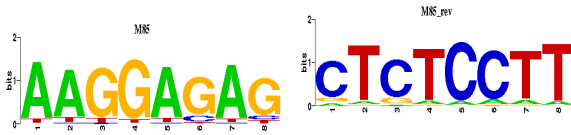
Stamp Results

10/01/13

TBX5_M01044	2.2896e-04	-AGGAGAGA AAGGTGTGA
MAZ_M00649	6.2348e-04	TCTCTCCT -CCCTCCC
ARF_M00438	8.9963e-04	AGGAGAGA- --GAGACAA
NRSE_M00325	9.2748e-04	-----AGGAGAGA--- TCAGCACCCNCGGAGAGYGCC
GAL4_M00198	1.2949e-03	-----AGGAGAGA----- NGYTCGNNNNANAGNNNNCCG



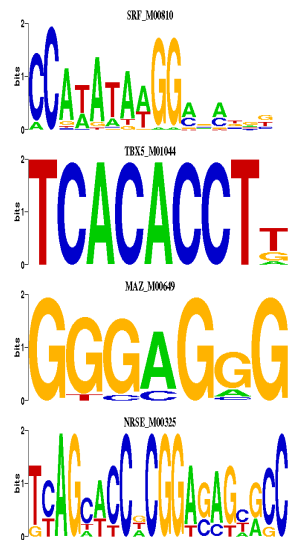
M85



forward

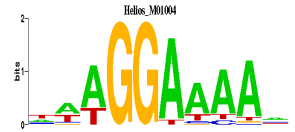
reverse compliment

Name	E value	Alignment	Motif
SRF_M00810	4.8077e-05	---CTCTCCTT----- NNNNKNKCCWTATATGG	
TBX5_M01044	2.5316e-04	AAGGAGAG- AAGGTGTGA	
MAZ_M00649	7.0341e-04	CTCTCCTT CCCTCCC-	
NRSE_M00325	7.2987e-04	---CTCTCCTT----- GGCRCTCTCCGNGGTGCTGA	

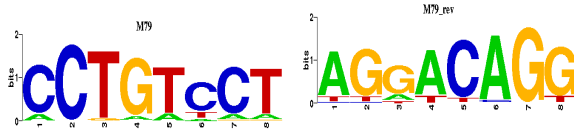


Helios_M01004 9.9482e-04

-CTCTCCTT-
NTTTTCCTWN



M79

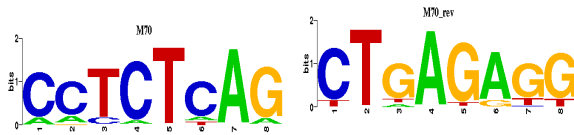


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
T3R_M00963	5.4421e-06	-AGGACAGG NAGGWCAN-	
E2A_M00973	2.4617e-05	AGGACAGG- --RNCAGNT	
MyoD_M00184	6.0259e-05	AGGACAGG--- --GNCAGNTGN	
XBP-1_M00251	6.2377e-05	--AGGACAGG----- NWNNNMCACGTCANCN	
GR_M00921	6.3785e-05	AGGACAGG AGNACAN-	

M70

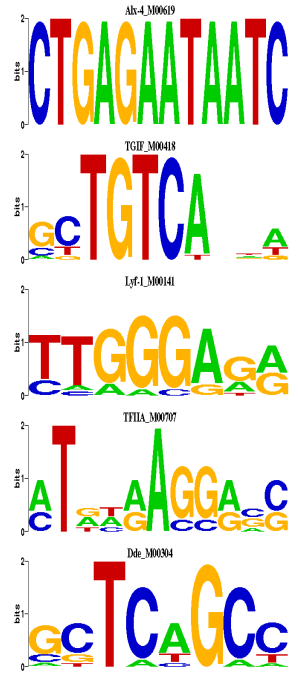


forward

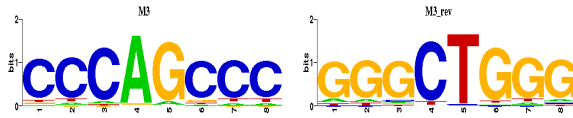
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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Alx-4_M00619	5.1786e-05	----CCTCTCAG GATTATTCTCAG
TGIF_M00418	2.2488e-04	CCTCTCAG-- GCTGTCANNW
Lyf-1_M00141	2.8589e-04	CCTCTCAG YCTCCCAA
TFIIA_M00707	3.2078e-04	CTGAGAGG--- MTNNRAGGRNS
Dde_M00304	1.0173e-03	--CTGAGAGG GGCTGAGC--



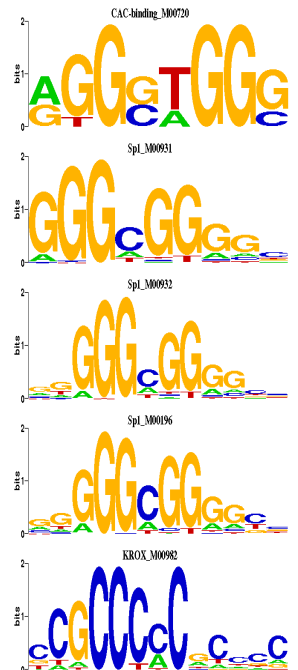
M3



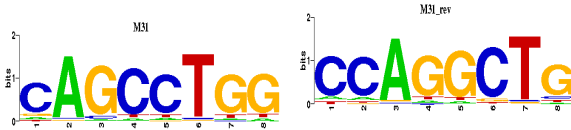
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
CAC-binding_M00720	6.5210e-09	CCCAGCCC CCCASCCY
Sp1_M00931	5.0257e-08	-CCCAGCCC NCCCCGCC
Sp1_M00932	9.2616e-07	--CCCAGCCC-- NNCCCCGCCNN
Sp1_M00196	1.0277e-06	--GGGCTGGG-- NGGGGCGGGNN
KROX_M00982	3.2163e-06	-GGGCTGGG---- GNNGNGGGGGCGG



M31

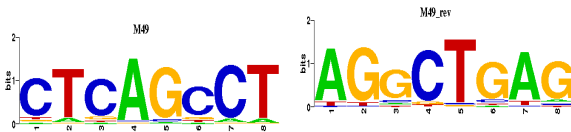


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2_M00800	7.5457e-05	---CCAGGCTG--- SCSSCRGGCNRNRNN	
AP-2_M00915	3.0582e-04	-----CCAGGCTG NNCCNCNGGCN-	
CAC-binding_M00720	3.9646e-04	--CAGCCTGG CCCASCCY--	
RFX1_M00280	7.5533e-04	-----CCAGGCTG-- NNGTTRCYWNGYNACN	
HAC1_M00730	7.6335e-04	--CAGCCTGG- GMCAGCGTGTC	

M49

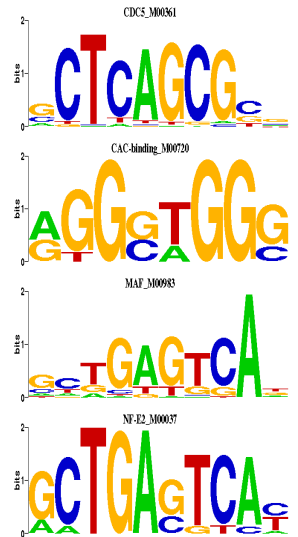


forward

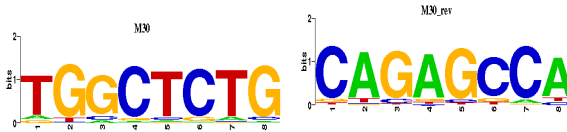
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Dde_M00304	9.1755e-10	-CTCAGCCT GCTCAGCC-	

CDC5_M00361	1.3848e-05	-AGGCTGAG- NSCGCTGAGS
CAC-binding_M00720	2.3095e-05	CTCAGCCT CCCASCCY
MAF_M00983	2.9781e-05	AGGCTGAG---- --GNTGAGTCAN
NF-E2_M00037	4.1070e-05	----CTCAGCCT RTGACTCAGC--



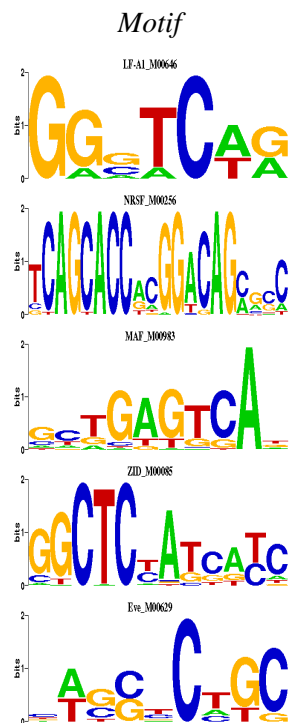
M30



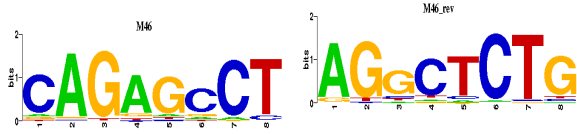
forward

reverse compliment

Name	E value	Alignment
LF-A1_M00646	1.0094e-05	CAGAGCCA YWGASCC-
NRSF_M00256	3.1407e-04	TGGCTCTG----- -GSYGCTGTCCGTGGTGCTGA
MAF_M00983	5.1972e-04	-TGGCTCTG- NTGACTCANC
ZID_M00085	5.2238e-04	-----CAGAGCCA GRTGATRGAGCC-
Eve_M00629	5.3997e-04	-CAGAGCCA GCNGNSSWN



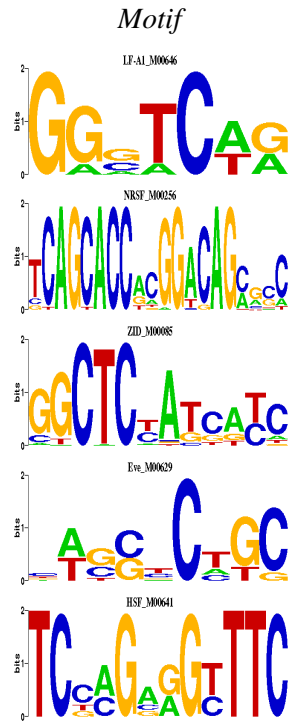
M46



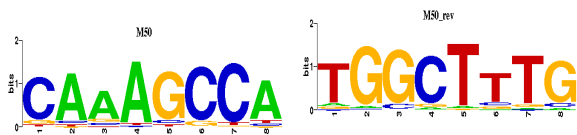
forward

reverse compliment

Name	E value	Alignment
LF-A1_M00646	2.7495e-05	CAGAGCCT YWGASCC-
NRSF_M00256	3.3145e-04	-----CAGAGCCT TCAGCACCACGGACAGCRSC-
ZID_M00085	4.1837e-04	----CAGAGCCT GRTGATRGAGCC-
Eve_M00629	6.0772e-04	-CAGAGCCT GCNGNSSWN
HSF_M00641	1.1779e-03	--AGGCTCTG-- GAARCYNCKNGA



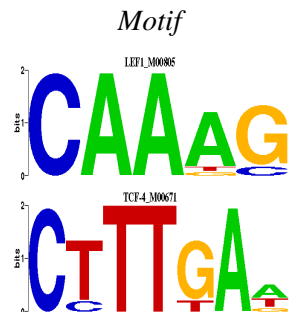
M50



forward

reverse compliment

Name	E value	Alignment
LEF1_M00805	1.9656e-06	TGGCTTTG ---CTTTG
TCF-4_M00671	2.4899e-04	--CAAAGCCA WTCAAAG---

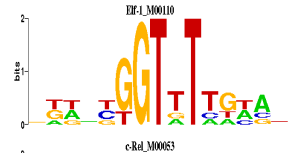


Stamp Results

10/01/13

Elf-1_M00110 4.1861e-04

----TGGCTTTG---
NNNNNGGTNTNNNN



c-Rel_M00053 9.4343e-04

-CAAAGCCA
GGAAWNYCC

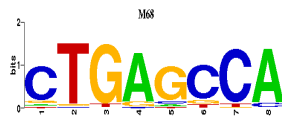


STE11_M01005 1.5159e-03

---CAAAGCCA
GAACAAAGAAA



M68



forward



reverse compliment

Name

E value

Alignment

Motif

NF-E2_M00037 3.0175e-07

-TGGCTCAG-
RTGACTCAGC



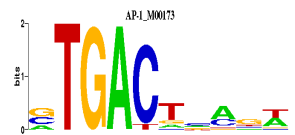
MAF_M00983 4.7832e-07

-TGGCTCAG-
NTGACTCANC



AP-1_M00173 4.9418e-07

-TGGCTCAG-
NTGACTNMNW



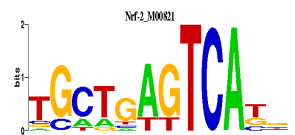
LF-A1_M00646 1.0174e-06

CTGAGCCA
YWGASCC-

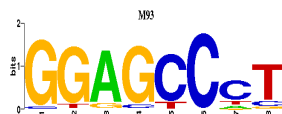


Nrf-2_M00821 1.3804e-06

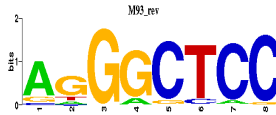
--TGGCTCAG--
NNTGACTCAGCA



M93

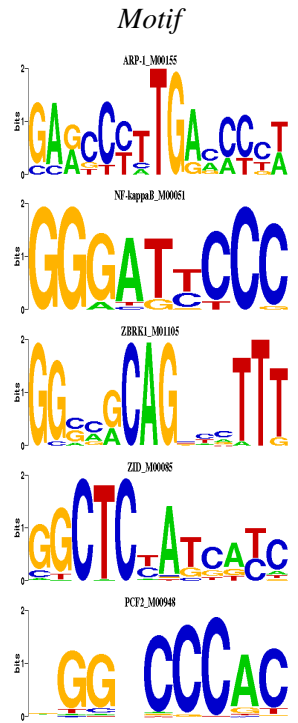


forward

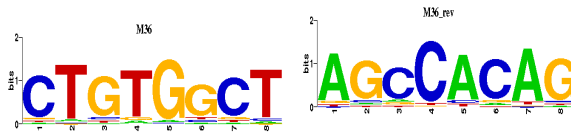


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
ARP-1_M00155	3.9782e-05	-----AGGGCTCC WRGGKTC AARGGYTC-
NF-kappaB_M00051	4.1657e-04	AGGGCTCC- GGGRATCCC
ZBRK1_M01105	4.3591e-04	--AGGGCTCC---- AAANNCTGCKSCC
ZID_M00085	7.6308e-04	-----GGAGCCCT GRTGATRGAGCC--
PCF2_M00948	6.5129e-03	-AGGGCTCC GTGGGNCCN



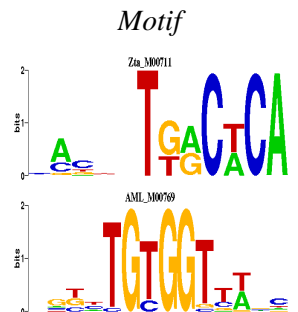
M36



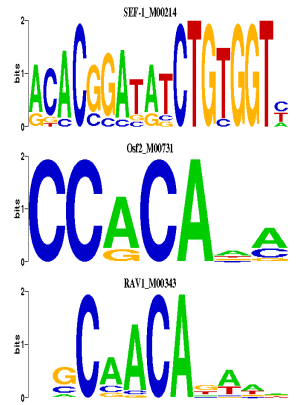
forward

reverse compliment

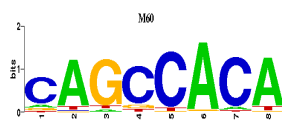
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Zta_M00711	1.9848e-05	--AGCCACAG-- TGWGYCANNNTN
AML_M00769	5.1739e-05	---CTGTGGCT--- NNNNTGTGGTYWNN



SEF-1_M00214	1.3308e-04	AGCCACAG----- RACCACAGATATCCGTGT
Osf2_M00731	2.2547e-04	-CTGTGGCT KNTGTGG--
RAV1_M00343	2.7225e-04	---CTGTGGCT NNWNTGTTGCN



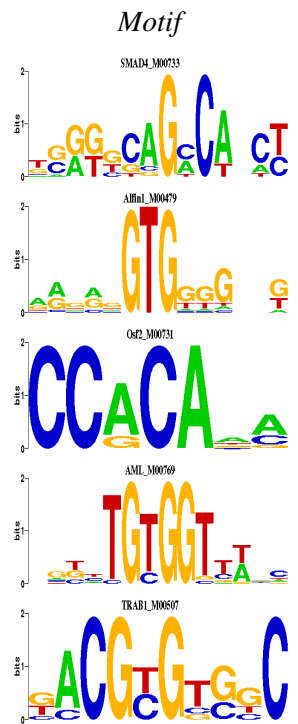
M60



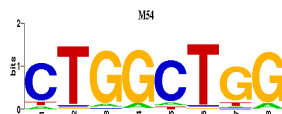
forward

reverse compliment

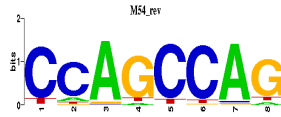
Name	E value	Alignment
SMAD4_M00733	6.3542e-05	-----CAGCCACA- NSRKNCAGMCANCY
Alfin1_M00479	6.3780e-05	CAGCCACA----- MNNCCCCACNYYN
Osf2_M00731	2.0735e-04	CAGCCACA-- ---CCACANM
AML_M00769	6.8562e-04	--CAGCCACA---- NNWRACCACANNNN
TRAB1_M00507	6.9194e-04	----TGTGGCTG KACGYGTGNC--



M54

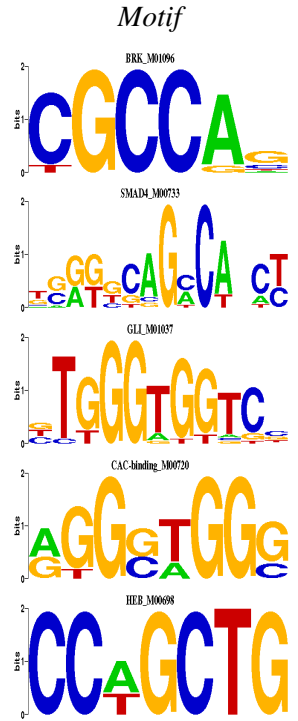


forward

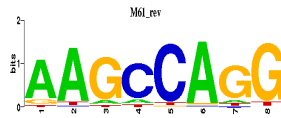
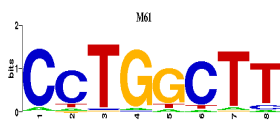


reverse compliment

Name	E value	Alignment
BRK_M01096	2.6313e-05	CTGGCTGG NTGGCG--
SMAD4_M00733	6.2566e-05	--CTGGCTGG---- RGNTGKCTGNMYSN
GLI_M01037	8.5018e-05	---CCAGCCAG NGACCACCCAN
CAC-binding_M00720	2.0276e-04	-CCAGCCAG CCCASCCY-
HEB_M00698	7.0084e-04	CTGGCTGG -CAGCWGG



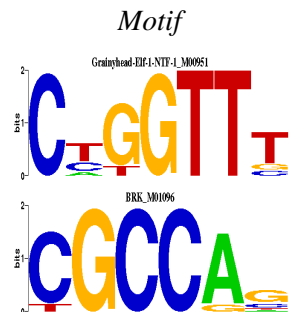
M61



forward

reverse compliment

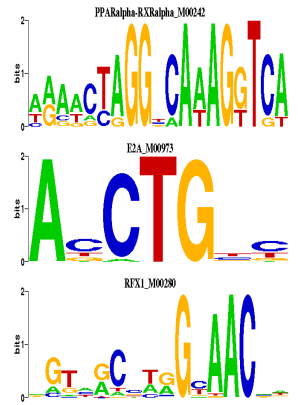
Name	E value	Alignment
Grainyhead-Elf-1-NTF-1_M00951	4.8918e-06	AAGCCAGG AAACCRG-
BRK_M01096	2.5292e-05	CCTGGCTT -NTGGCG-



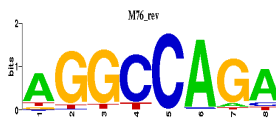
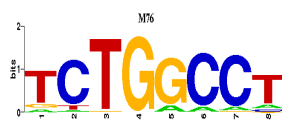
Stamp Results

10/01/13

PPARalpha-RXRalpha_M00242	2.1858e-03	-----CCTGGCTT- TGACCTTTGNCCTAGWTYW
E2A_M00973	2.5182e-03	AAGCCAGG- --RNCAGNT
RFX1_M00280	3.1352e-03	---AAGCCAGG----- NNGTTRCYWNGYNACN



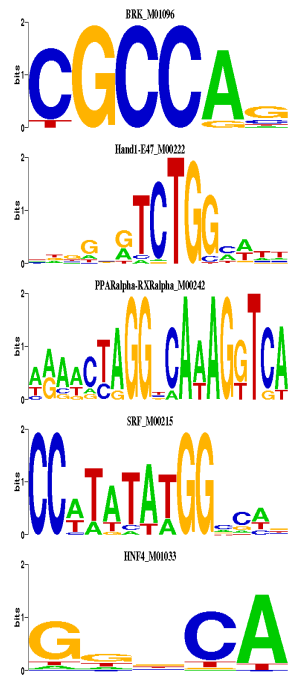
M76



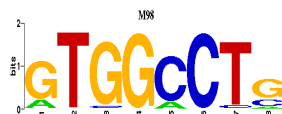
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
BRK_M01096	2.6694e-05	TCTGGCCT -NTGGCG-
Hand1-E47_M00222	5.6214e-04	-AGGCCAGA----- NNWNCCAGAYNCNNN
PPARalpha-RXRalpha_M00242	6.1837e-04	-----TCTGGCCT----- TGACCTTTGNCCTAGWTYW
SRF_M00215	6.8820e-04	-----TCTGGCCT- CCWTATATGGNCWN
HNF4_M01033	8.7481e-04	TCTGGCCT --TGNC-



M98



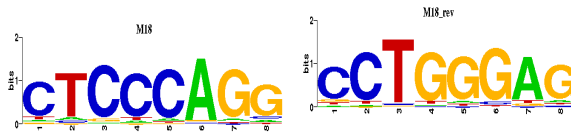
forward



reverse compliment

Name	E value	Alignment	Motif
bZIP911_M00358	3.0351e-05	CAGGCCAC----- --GGCCACGTCAY	
Poly_M00211	3.7418e-05	CAGGCCAC GAGACCAC	
HBP-1a_M00936	6.1459e-04	GTGGCCTG- STGACGTGN	
XBP-1_M00251	6.1666e-04	-----GTGGCCTG- NGNTGACGTGKNNNWN	
bZIP910_M00356	6.9706e-04	CAGGCCAC----- --KGCCACGTCAT	

M18



forward

reverse compliment

Name	E value	Alignment	Motif
Lyf-1_M00141	1.7729e-06	-CTCCCAGG YCTCCCAA-	
EBF_M00977	3.5308e-05	CTCCCAGG--- -NCYCWRGGGA	

RBP-Jkappa_M01111 3.6194e-05

CCTGGGAG
NGTGGGA-



RBP-Jkappa_M01112 1.6828e-04

-CTCCCAGG-
KTTCCCACGN

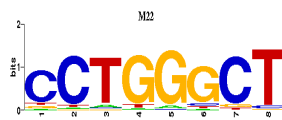


MAZ_M00649 2.0392e-04

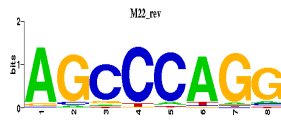
--CTCCCAGG
CCCTCCC---



M22



forward



reverse compliment

Name

E value

Alignment

Motif

AP-2_M00915

2.5494e-04

--CCTGGGCT--
NGCCNGNGGNNN



Egr-3_M00245

3.9596e-04

-AGCCCAGG-
ACGCCCACGCA



Egr-1_M00243

4.6383e-04

--CCTGGGCT-
TGCCTGGGCGK



SREBP-1_M00749 5.4656e-04

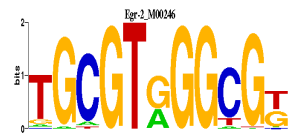
CCTGGGCT
--TGGSCT



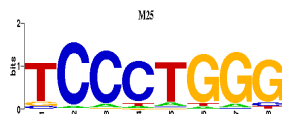
Egr-2_M00246

5.8002e-04

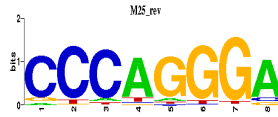
-AGCCCAGG-
MCGCCCACGCA



M25

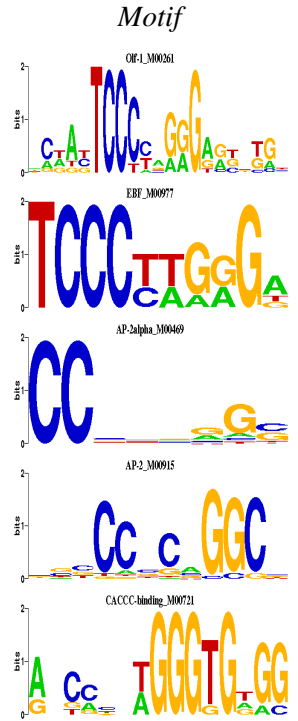


forward

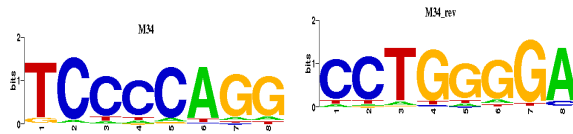


reverse compliment

Name	E value	Alignment
Olf-1_M00261	5.3907e-08	-----CCCAGGGA----- NCNANTCCCYNGGGARNNKGN
EBF_M00977	1.0329e-06	TCCCTGGG-- NCYCWRGGGA
AP-2alpha_M00469	8.4100e-05	-CCCAGGGA SCNNNNGG-
AP-2_M00915	2.7292e-04	TCCCTGGG---- NGCCNGNGGNNN
CACCC-binding_M00721	3.1851e-04	-----CCCAGGGA-- CCNCACCCWNNKGNT



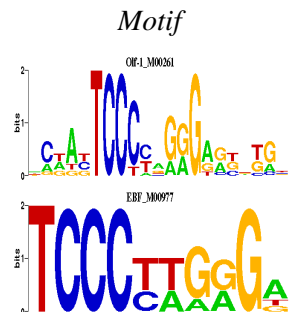
M34



forward

reverse compliment

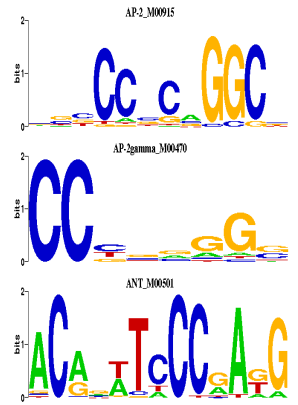
Name	E value	Alignment
Olf-1_M00261	2.6143e-08	-----CCTGGGGA----- NCMNNYTCCCNRRGGANTNGN
EBF_M00977	5.2440e-07	--CCTGGGGA NCYCWRGGGA



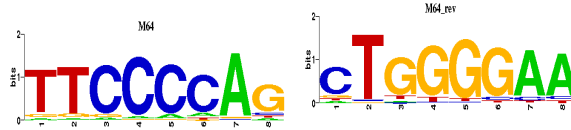
Stamp Results

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AP-2_M00915	7.6260e-07	--CCTGGGGA-- NGCCNGNGGNNN
AP-2gamma_M00470	2.4917e-05	TCCCCAGG SCCNNNGG
ANT_M00501	5.0702e-05	CCTGGGGA----- CMTYGGGAWNTGT

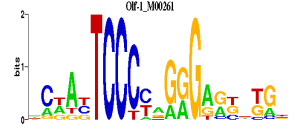






M64

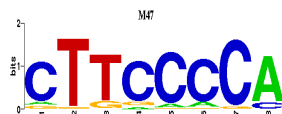


forward

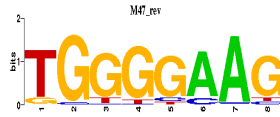
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Olf-1_M00261	5.4223e-07	-----CTGGGGAA----- NCMNNYTCCCNRRGGGANTNGN	
XPF-1_M00684	1.0204e-05	-TCCCCAG GKTSNYCNG	
SREBP-1_M00749	9.7297e-05	CTGGGGAA -TGSGT-	
MZF1_M00084	1.1192e-04	TCCCCAG----- TTNCCCTCINN	
Ik-1_M00086	1.1387e-04	----TCCCCAG NNNATTCCANN	

M47

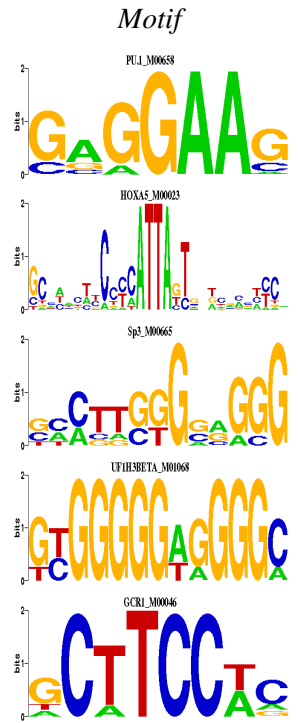


forward

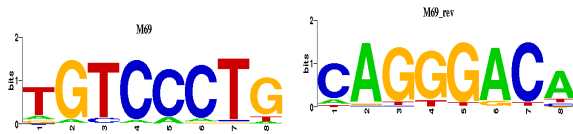


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
PU.1_M00658	1.4147e-06	CTTCCCCA CTTCCTC-
HOXA5_M00023	5.1085e-06	-----TGGGGAAG----- NGRNNNNNNNNNANTAAATGRNGNNNNNNNGC
Sp3_M00665	2.5208e-05	-CTTCCCCA---- CCCYSCCCAAGKS
UF1H3BETA_M01068	5.9466e-05	----CTTCCCCA- GCCCTCCCCRC
GCR1_M00046	7.2918e-05	TGGGGAAG- -GWGGAAGC



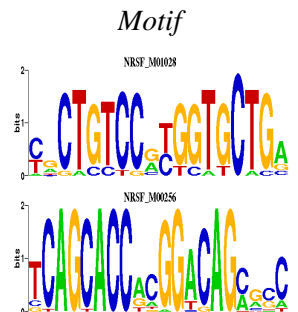
M69



forward

reverse compliment

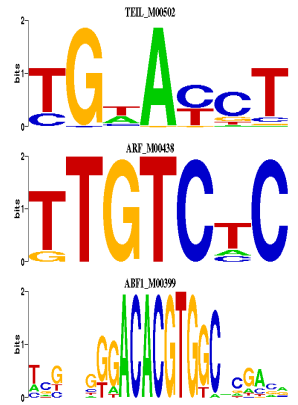
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
NRSF_M01028	2.5080e-05	-----CAGGGACA--- TCAGCACCRYGGACAGNR
NRSF_M00256	2.7300e-05	-----TGTCCTG----- GSYGCTGTCCGTGGTGCTGA



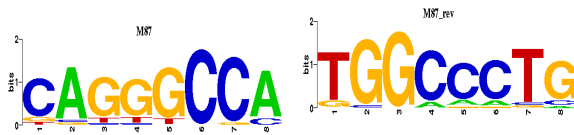
Stamp Results

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TEIL_M00502	1.3377e-04	CAGGGACA -AGRTWCA
ARF_M00438	6.4974e-04	CAGGGACA- --GAGACAA
ABF1_M00399	6.7510e-04	-----TGTCCCTG--- NNTCNNGCCACGTGTCCCNNNW



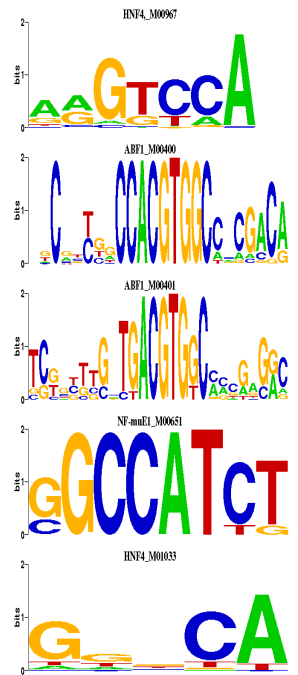
M87



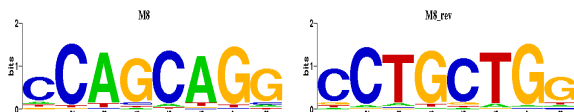
forward

reverse compliment

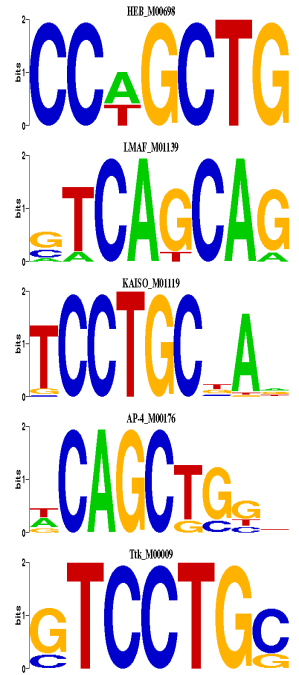
Name	E value	Alignment	Motif
HNF4_M00967	8.3815e-05	-TGGCCCTG NTGGACYT-	
ABF1_M00400	4.2115e-04	-----TGGCCCTG--- NNCNNYNNCCACGTGGCCNCGACA	
ABF1_M00401	1.0745e-03	----CAGGGCCA----- GYCNCNKGCCACGTCA NCNANNMGA	
NF-muE1_M00651	1.1241e-03	CAGGGCCA--- ---GCCATCT	
HNF4_M01033	1.2699e-03	TGGCCCTG TGNNC---	



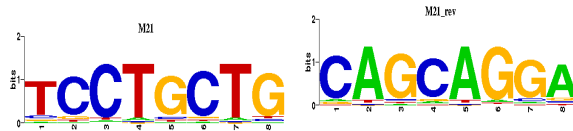
M8



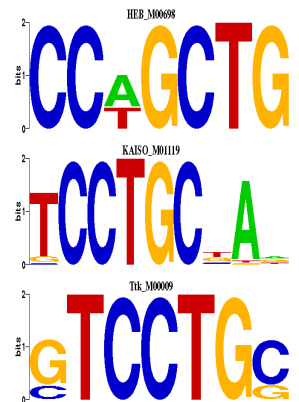
	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HEB_M00698	5.6035e-09	CCAGCAGG -CAGCWGG
LMAF_M01139	1.5469e-06	CCTGCTGG- -CTGCTGAS
KAISO_M01119	2.7030e-05	CCAGCAGG- NTNGCAGGA
AP-4_M00176	7.1467e-05	-CCAGCAGG NNCAGCTGN
Ttk_M00009	2.2901e-04	CCAGCAGG-- ---GCAGGAC



M21



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HEB_M00698	6.0142e-09	TCCTGCTG -CCWGCTG
KAISO_M01119	1.8657e-08	TCCTGCTG- TCCTGCNAN
Ttk_M00009	2.3407e-07	CAGCAGGA- --GCAGGAC



Stamp Results

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LMAF_M01139 1.4120e-06

TCCTGCTG--
--CTGCTGAS

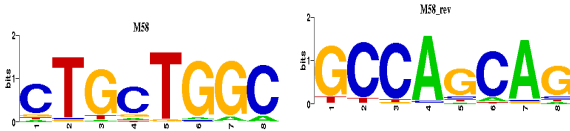


AP-4_M00176 1.2229e-04

TCCTGCTG--
NNCAGCTGN



M58

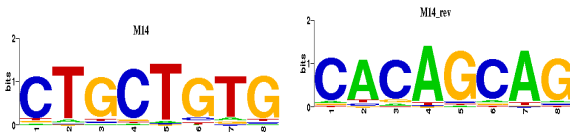


forward

reverse compliment




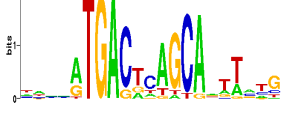
Name	E value	Alignment	Motif
LMAF_M01139	3.1468e-08	CTGCTGGC CTGCTGAS	
HEB_M00698	1.2868e-05	CTGCTGGC CAGCWGG-	
BRK_M01096	2.2720e-05	CTGCTGGC- ---NTGGCG	
Bel-1_M00312	7.3274e-05	-----GCCAGCAG-- KNGRNAGTNMNCKCWGYRTCAGCAGNT	
bZIP910_M00357	1.2615e-04	--GCCAGCAG- ACGTCAGCAYS	

M14

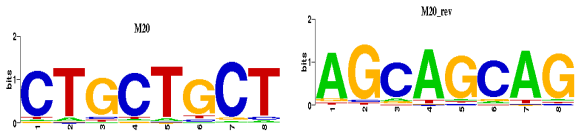


forward

reverse compliment





<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.4492e-06	CTGCTGTG CTGCTGAS	
HEB_M00698	1.5134e-05	-CTGCTGTG CCWGCTG--	
Nrf-2_M00821	1.2677e-04	-----CACAGCAG NNTGACTCAGCA-	
AP-4_M00005	1.5544e-04	----CTGCTGTG----- NNNNCAGCTGNNGNCK	
TCF11-MafG_M00284	8.2462e-04	----CTGCTGTG----- CNNANNTGCTGNGTCATNNNN	

M20



forward

reverse complement

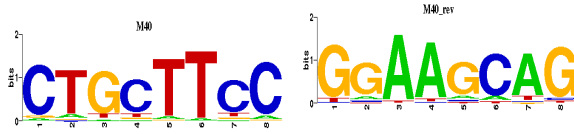
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.4747e-06	CTGCTGCT CTGCTGAS	
TAL1_M00993	2.8131e-06	AGCAGCAG- RNCAGNTGG	
AP-4_M00927	1.3304e-05	-CTGCTGCT NCAGCTGY-	
HEB_M00698	1.3861e-05	AGCAGCAG- --CAGCWGG	

myogenin_M00712 5.3067e-05

AGCAGCAG
-NCAGSTG



M40

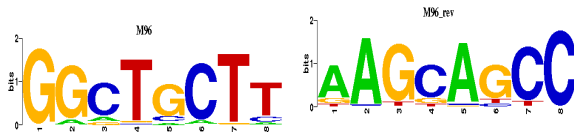


forward

reverse compliment

Name	E value	Alignment	Motif
c-Ets-1_M00743	9.5286e-07	CTGCTTCC- --GCTTCC	
GCR1_M00046	1.5344e-06	--GGAAGCAG GWGGAAGC--	
NERF1a_M00531	2.0087e-06	-----CTGCTTCC----- SNNASNYRCTTCTGNY	
HEN1_M00058	9.1576e-06	---GGAAGCAG----- NNNGGNCGCAGCTGCGNCCNN	
Tel-2_M00678	5.6467e-05	--GGAAGCAG CAGGAAGTA-	

M96








forward

reverse compliment

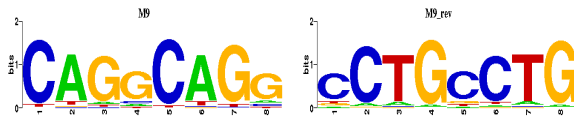
Name	E value	Alignment	Motif
------	---------	-----------	-------

Stamp Results

10/01/13



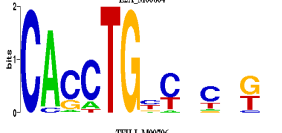


LBP-1_M00644	1.6718e-04	AAGCAGCC --SCAGCN	
YY1_M00069	2.0747e-04	AAGCAGCC----- -WNSANNCAAGATGGCNGNN	
ERF2_M01057	2.5918e-04	GGCTGCTT GGCGGC--	
TAL1_M00993	5.8254e-04	AAGCAGCC-- -RNCAGNTGG	
LMAF_M01139	8.2550e-04	GGCTGCTT-- --CTGCTGAS	

M9

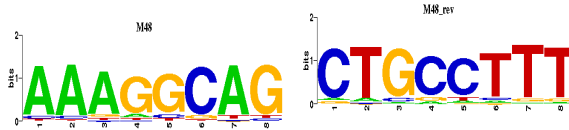


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00973	9.5196e-06	CAGGCAGG-- --RNCAGNT	
Tel-2_M00678	5.9582e-05	-CCTGCCTG TACTTCC TG	
E2A_M00804	1.2437e-04	---CAGGCAGG-- NMNGNGNCAGGTG	
TFII-I_M00706	1.2934e-04	CCTGCCTG CCTMCNTC	
CAC-binding_M00720	1.8552e-04	-CCTGCCTG CCCASCCY-	

M48

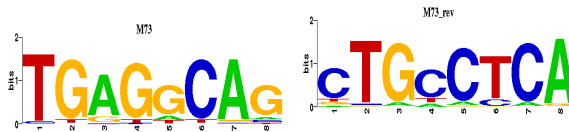


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PBF_M01130	2.1717e-06	CTGCCTTT ---CCTTT	
Barbie_M00238	1.2758e-03	----CTGCCTTT-- CMNNCNSCTTTN	
SMAD3_M00701	1.6117e-03	--CTGCCTTT GTCTGNCT--	
Ets_M00971	2.1575e-03	AAAGGCAG -NAGGAAG	
LEF1_M00805	2.1608e-03	CTGCCTTT- ----CTTTG	

M73



forward

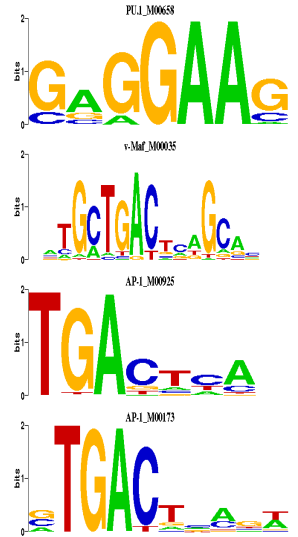
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00804	1.0868e-07	---CTGCCTCA-- CACCTGNCNCNKN	

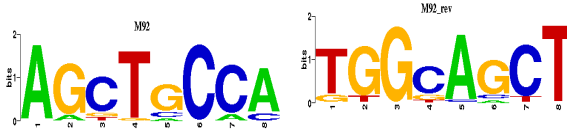
Stamp Results

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PU.1_M00658	6.9376e-06	CTGCCTCA CTTCCTC-
v-Maf_M00035	1.1953e-05	-----TGAGGCAG----- NNNTGCNNNGTCAGCANN
AP-1_M00925	1.8938e-05	CTGCCTCA- -TGACTNAN
AP-1_M00173	3.6194e-05	--TGAGGCAG WKNKAGTCAN



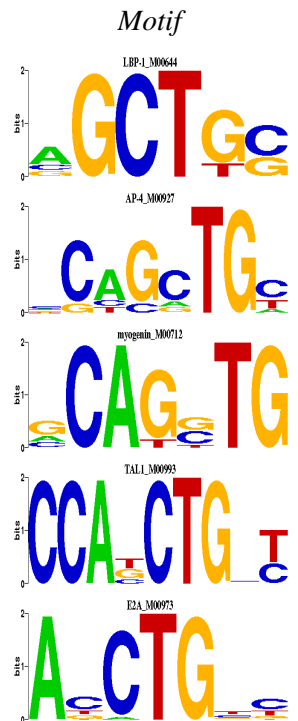
M92



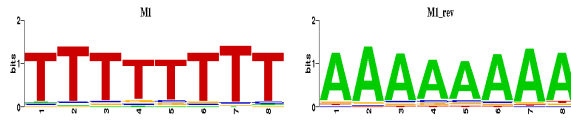
forward

reverse compliment

Name	E value	Alignment
LBP-1_M00644	1.4886e-07	TGGCAGCT --SCAGCN
AP-4_M00927	5.9590e-06	TGGCAGCT-- --RCAGCTGN
myogenin_M00712	1.5165e-05	-AGCTGCCA CASCTGN--
TAL1_M00993	3.8513e-05	TGGCAGCT-- -RNCAGNTGG
E2A_M00973	8.8325e-05	TGGCAGCT -RNCAGNT



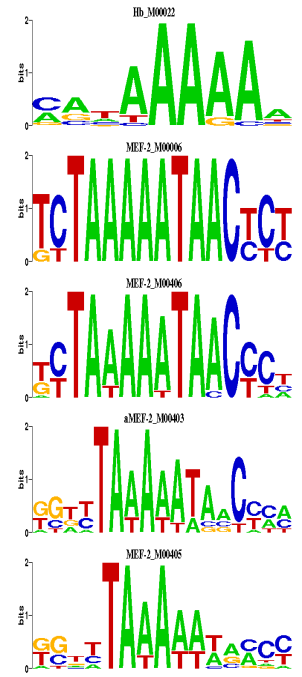
M1



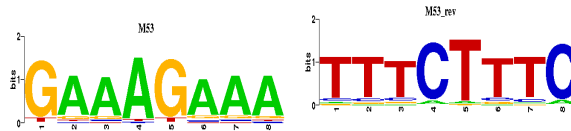
forward

reverse compliment

Name	E value	Alignment
Hb_M00022	1.1096e-06	-TTTTTTTT NTTTTTNYK
MEF-2_M00006	2.2280e-06	----TTTTTTTT-- RGRGTTATTTTTAGA
MEF-2_M00406	2.9193e-06	----TTTTTTTT-- NGGTTATTTTTAGM
aMEF-2_M00403	4.3370e-06	----TTTTTTTT----- KKRGNATTTTTARNCM
MEF-2_M00405	5.3605e-06	--TTTTTTTT----- RGKNWTTTTTANNM



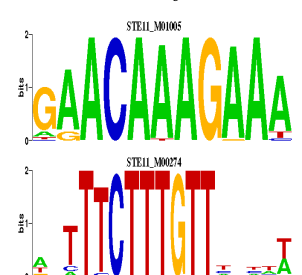
M53



forward

reverse compliment

Name	E value	Alignment
STE11_M01005	2.2929e-08	TTTCTTTC--- TTTCTTTGTT
STE11_M00274	4.0633e-07	-----GAAAGAAA-- WNNNNAACAAAGAAANW



Stamp Results

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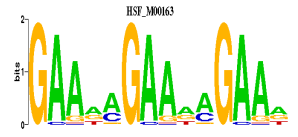
Rim101p_M01030 1.7586e-06

TTTCTTTC
TTNCTTG-



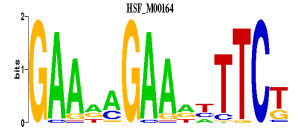
HSF_M00163 5.5198e-06

-----TTTCTTTC-
NTTCTNTTCTNTTC

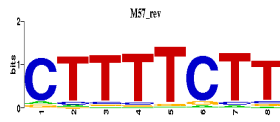
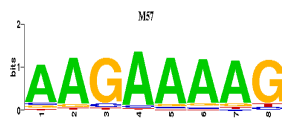


HSF_M00164 5.5198e-06

-----TTTCTTTC-
AGAANNTTCTNTTC



M57



forward

reverse compliment

Name

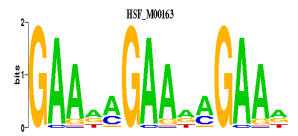
E value

Alignment

Motif

HSF_M00163 8.9298e-09

---AAGAAAAG---
GAANAGAANAGAAN



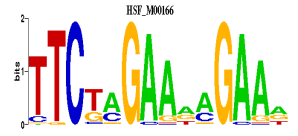
Rim101p_M01030 1.3201e-06

CTTTTCTT-
--TTNCTTG



HSF_M00166 3.0677e-06

---AAGAAAAG---
TTCTAGAAANAGAAN



Evi-1_M00078 7.2992e-06

----CTTTTCTT---
TTATCTTATCTTRIC

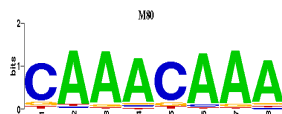


Evi-1_M00011 1.7332e-05

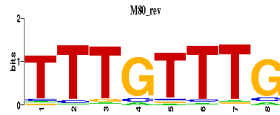
CTTTTCTT-
-TTATCTTG



M80

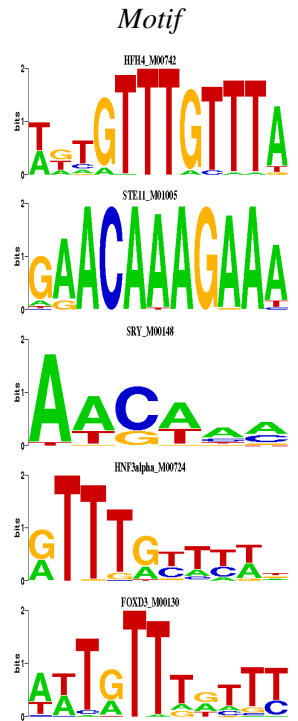


forward

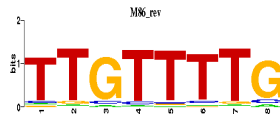
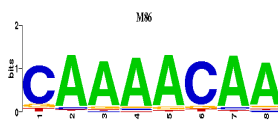


reverse compliment

Name	E value	Alignment
HFH4_M00742	4.4344e-08	----CAAACAAA TAAACAAACAMW
STE11_M01005	1.8467e-07	---CAAACAAA GAACAAAGAAA
SRY_M00148	4.2967e-07	TTTGTTTG KNTGTT--
HNF3alpha_M00724	6.8131e-07	-TTTGTTTG- RTTGTGYTWN
FOXD3_M00130	1.3844e-06	----TTTGTTTG AWIGTTTNTTT-



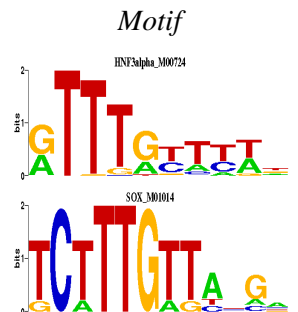
M86



forward

reverse compliment

Name	E value	Alignment
HNF3alpha_M00724	3.6476e-06	CAAAACAA-- NWRARCAAAY
SOX_M01014	7.5211e-06	---TTGTTTTG- TCTTGTANGN



Stamp Results

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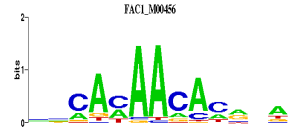
FOXO3A_M01137 2.3461e-05

---TTGTTTTG
NNNTTGTTTAY



FAC1_M00456 3.6335e-05

--CAAAACAA---
NNCAMAACANNNN

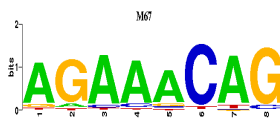


Elf-1_M00110 3.7606e-05

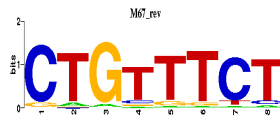
---CAAAACAA----
NNNNNANACCNNNNN



M67



forward



reverse compliment

Name

E value

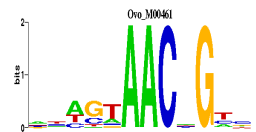
Alignment

Motif

Ovo_M00461

4.6567e-06

----CTGTTTCT--
NNNNCNGTTACWNN



STE12_M00664

1.8967e-05

CTGTTTCT
--GTTTCA



AREB6_M00415

1.5238e-04

-AGAAACAG
NNSAAACN-



BR-C_M00094

2.0463e-04

--CTGTTTCT--
TTWTSITTAYWW



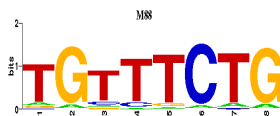
DMRT5_M01150

2.2632e-04

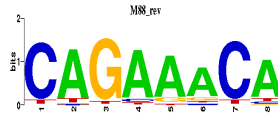
AGAAACAG-----
-GAMAMWGTAACAAN



M88

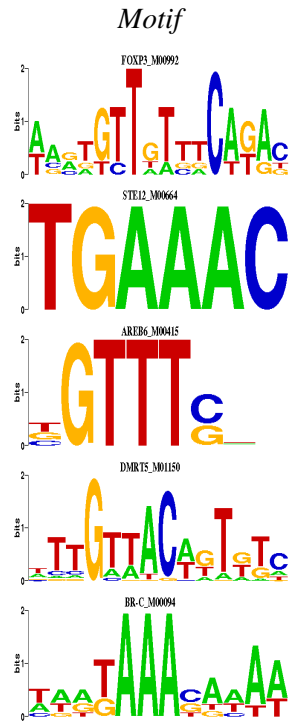


forward

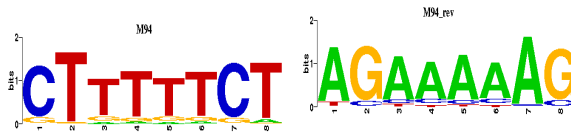


reverse compliment

Name	E value	Alignment
FOXP3_M00992	8.1489e-06	-----TGTTTCTG-- WNNNGTNTNNCAPAN
STE12_M00664	1.9080e-05	TGTTTCTG -GTTTCA-
AREB6_M00415	1.0480e-04	CAGAAACA NNSAAACN
DMRT5_M01150	1.6029e-04	----CAGAAACA-- GAMAMWGTAACAAN
BR-C_M00094	2.2136e-04	---TGTTTCTG- TTWTSTTTAYWW



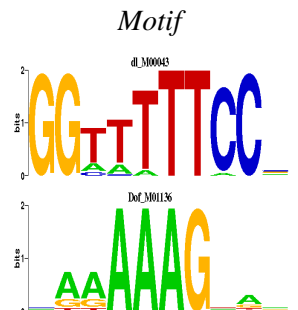
M94



forward

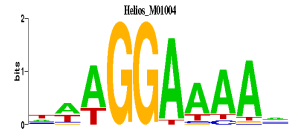
reverse compliment

Name	E value	Alignment
dl_M00043	2.1546e-05	-AGAAAAAG- NGGAAAAACC
Dof_M01136	3.8239e-05	---CTTTTTCT NNNCTTTTTN-



Helios_M01004 2.1802e-04

CTTTTCT--
NTTTCCTWN



dI_M00120 2.8671e-04

-CTTTTCT-
NGNTTTCYC

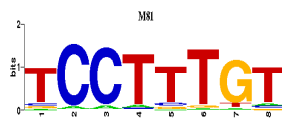


Alx-4_M00619 3.0872e-04

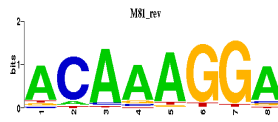
-CTTTTCT---
GATTATTCAC



M81



forward



reverse complement

Name E value

Alignment

Motif

STE11_M01005 2.9105e-07

--ACAAAGGA--
GAACAAAGAAA



LEF1_M00805 2.1150e-06

TCCTTTGT
--CTTTG--



PBF_M01130 2.4662e-06

ACAAAGGA
--AAAGG--



STE11_M00274 3.1441e-06

-----ACAAAGGA---
WNNNNAACAAAGAAANW

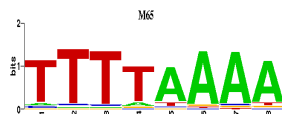


SOX_M01014 5.6439e-05

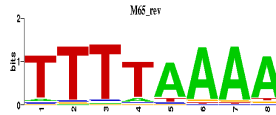
-----ACAAAGGA
NCNTAACAAAGA--



M65

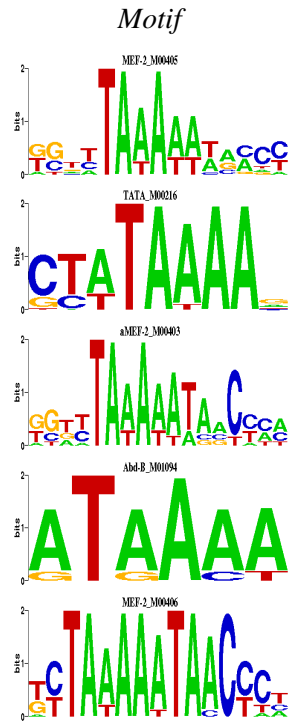


forward

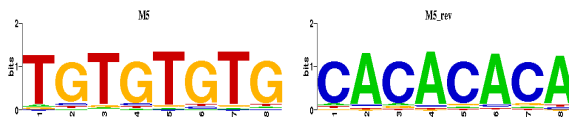


reverse compliment

Name	E value	Alignment
MEF-2_M00405	2.4782e-06	-----TTTTAAAA-- RGKNWTTTTTANNM
TATA_M00216	5.6656e-06	-TTTTAAAA NTTTTATAG
aMEF-2_M00403	1.6820e-05	-----TTTTAAAA-- KKRGNtATTTTTARNcM
Abd-B_M01094	2.4743e-05	TTTTAAAA TTTTAT--
MEF-2_M00406	1.3068e-04	-----TTTTAAAA NggGtTATTTTTAGM-



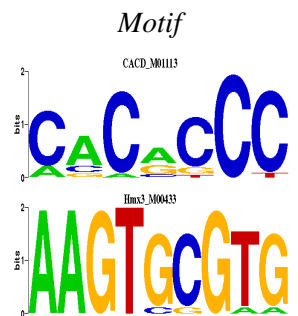
M5



forward

reverse compliment

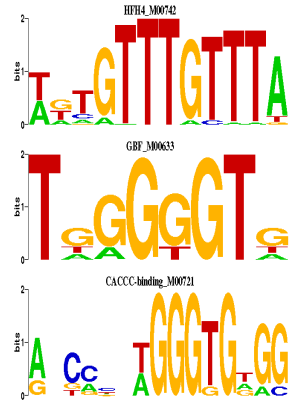
Name	E value	Alignment
CACD_M01113	1.2575e-05	TGTGTGTG -GGYGTG
Hmx3_M00433	6.6154e-05	-TGTGTGTG AAGTGC GTG



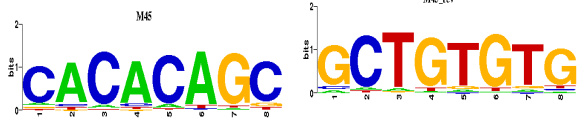
Stamp Results

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HFH4_M00742	7.4072e-05	TGTGTGTG---- WKTGTTTGTTTA
GBF_M00633	7.6289e-05	TGTGTGTG TNGGGGTN
CACCC-binding_M00721	7.8360e-05	-CACACACA----- CCNCACCCWNNKGNT



M45

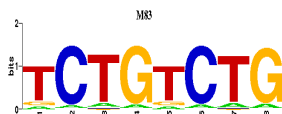


forward

reverse compliment

Name	E value	Alignment	Motif
MTF-1_M00650	9.0466e-06	--GCTGTGTG--- GGGCCNGTGCAN	
MAF_M00983	6.8817e-05	--CACACAGC NTGACTCANC	
Nrf-2_M00821	1.1459e-04	---CACACAGC- NNTGACTCAGCA	
NF-E2_M00037	2.5013e-04	--CACACAGC RTGACTCAGC	
AREB6_M00412	5.7418e-04	CACACAGC----- -RNWCAGGTRNRN	

M83

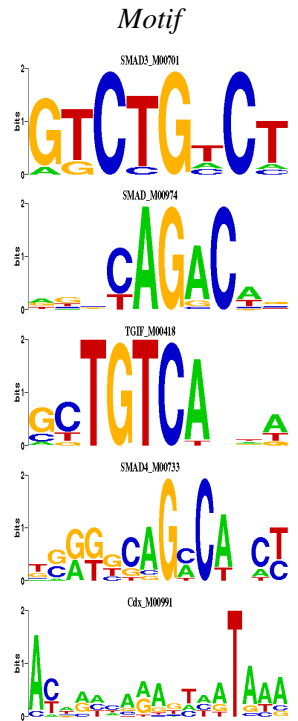


forward



reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>
SMAD3_M00701	1.7310e-09	-TCTGTCTG GTCTGNCT-
SMAD_M00974	3.2147e-05	TCTGTCTG--- -NWTCTGNNN
TGIF_M00418	5.7483e-05	--CAGACAGA WNNTGACAGC
SMAD4_M00733	1.0563e-04	-----CAGACAGA- NSRKNCAGMCANCY
Cdx_M00991	1.4509e-04	-----TCTGTCTG- TTTATNNNTYTNNYNRT



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