

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

Input file: 88 motifs loaded

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

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

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

[Download results as a PDF](#)

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

Multiple Alignment

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

```

M0 :      -----CCCCCCCCCCCCCCCC-----
M1 :      ---TTTTTTTTTTTTTTTTTCTTTTTTT---
M2 :      -----CCCCAGCCCC-----
M3 :      -----CACACACACACACACACACA
M4 :      -----CCCCCCCCCCTCCTCCCCCCCC-----
M5 :      -----CCCCCCCCCCTCCCTCCCCCCCC-----
M6 :      -----CCCCAGCCCC-----
M7 :      -----CCCTGCCCY-----
M8 :      -----GCGCCCCCTGCTGG-----
M9 :      -----CTGCCCTCT-----
M10 :     -----CCCCCCCCCCTCCCTCCCCCCCC-----
M11 :     ACACACACACACACACACACACA-----
M12 :     -----GCGCCCTCTGCTGGCC-----
M13 :     -----TCTCTGCCTC-----
M14 :     -----CCCTTCCCC-----
M15 :     -----CCTCTGCTGCC-----
M16 :     -----CCCCCTCCCCA-----
M17 :     -----TCTCTCTCT-----
M18 :     -----CTGCCCTCTGCY-----
M19 :     -----CCCCCTCCCTSTCCCC-----
M20 :     -----CTGCTGGCC-----
M21 :     -----GGCTCTGGG-----
M22 :     -----CCCCCCCCCACCACCACC-----

```

Stamp Results

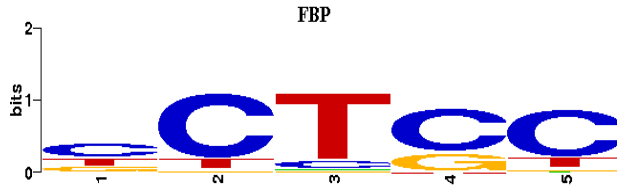
04/30/14

M23: -----CAGCCCCAGS-----
M24: -----TCTCCAGCCTC-----
M25: -----AGCTGCTGCTGC-----
M26: -----CCTCCTTCTCCCC-----
M27: -----TTCTCTCTCTCTCT-----
M28: -----CCCAGGCCTGG-----
M29: -----CCAGCTCCT-----
M30: -----CAGCYCTGGG-----
M31: -----CCCAGGCTG-----
M32: -----CCTSCAGGG-----
M33: -----CCAGCKCCCCCTGCTGGCC-----
M34: -----CTGTCCCCA-----
M35: -----AAATTATTTTTTAAAAAAAAAAAA-----
M36: -----TCCCTGGCYCTG-----
M37: -----CTGCCACCT-----
M38: -----CNCTGGCCTC-----
M39: -----TCTCTCCCM-----
M40: -----TCTGTGGCT-----
M41: -----AGGCTCTGGG-----
M42: -----TCTTCTCTG-----
M43: -----CCCCWGCTTCT-----
M44: -----CCCCCCCCCWCCCCA-----
M45: -----GCTCCAGGM-----
M46: -----TTCTGCCTCC-----
M47: -----TGCTGCCYCCT-----
M48: -----CTCTGGGRA-----
M49: -----TTTCCTTTCCYTT-----
M50: -----TTTCTTCTG-----
M51: -----TCCTTCCTTCTTT-----
M52: -----CTCTCTCCT-----
M53: -----CCKCCCCCTCCCCCCCC-----
M54: -----CCTKTCTG-----
M55: -----CCCTKCTCTGT-----
M56: -----NCCCAGCTGC-----
M57: -----CCCACCCAGCCCC-----
M58: -----CTTCTTCCCTT-----
M59: -----TCTTTCCCTG-----
M60: -----TTTTTTTTTTCTTTCTTTTTTTTT-----
M61: -----CTGGCTTCC-----
M62: -----CTGCTSAGGA-----
M63: -----TCTGTCTGIGT-----
M64: -----TTTCCCCAGT-----
M65: -----TTTCCTCTGT-----

```

M66: -----TTTTTTTTTTCTTTCTTTTTTTT-----
M67: -----CTGCMAGGG-----
M68: -----CCTKTCTCT-----
M69: -----TTTTTTTTTTCTTTTTTTTTTT-----
M70: -----CCCCCCCCACCTCTCCCC-----
M71: -----TCCCTTCTG-----
M72: -----CTGGCCAS-----
M73: -----CCTGCCTG-----
M74: -----CTGCTGGG-----
M75: -----CTGGGCTG-----
M76: -----TCCCAGG-----
M77: -----CAGCCTG-----
M78: -----CTGCAGCC-----
M79: -----CTCCTGGG-----
M80: -----CTTCCCAG-----
M81: -----CTGCTGTG-----
M82: -----CCTCAGCC-----
M83: -----CCCASCTG-----
M84: -----CAGCCTCT-----
M85: -----CTCCAGRG-----
M86: -----CTCCCCTG-----
M87: -----CTCTGTG-----
    
```

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



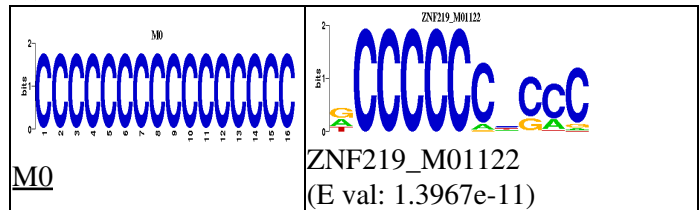
Motif Tree

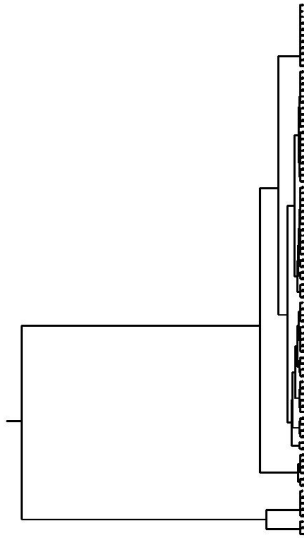
Tree (drawn by [Phylip](#))

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



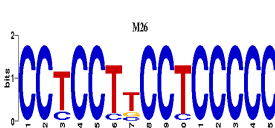




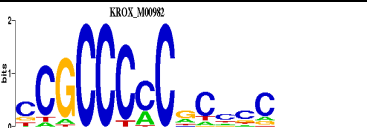
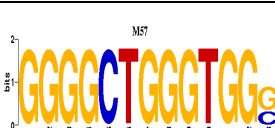






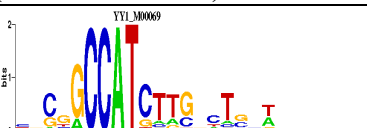
Input Motif

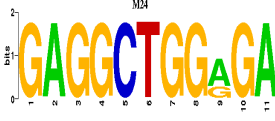




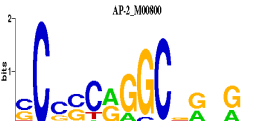

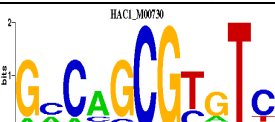




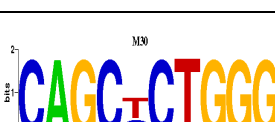
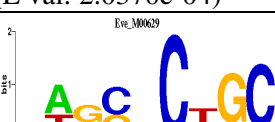

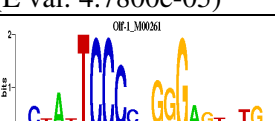
Best match in
TRANSFAC







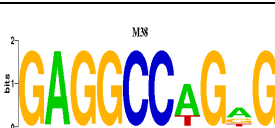
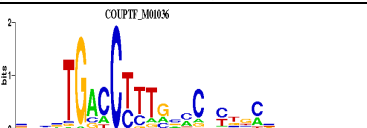


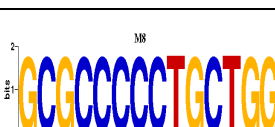

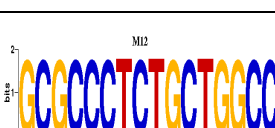

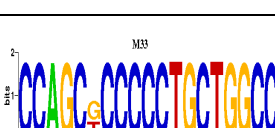



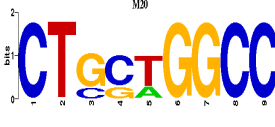



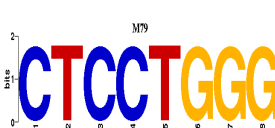



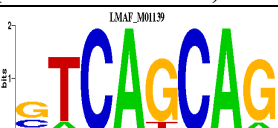


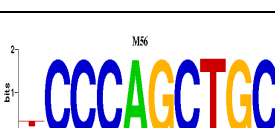





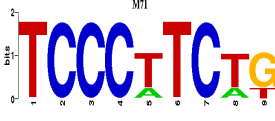

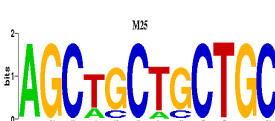
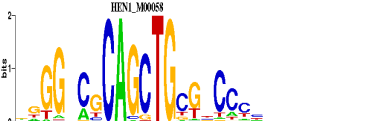

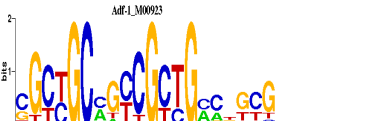


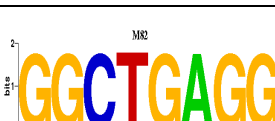





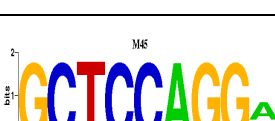

<p>M4</p>	<p>ZNF219_M0112 (E val: 1.3895e-10)</p>
<p>M5</p>	<p>ZNF219_M0112 (E val: 2.8736e-10)</p>
<p>M10</p>	<p>ZNF219_M0112 (E val: 1.7242e-10)</p>
<p>M22</p>	<p>UF1H3BETA_M01068 (E val: 2.2147e-12)</p>
<p>M53</p>	<p>KROX_M00982 (E val: 6.3838e-14)</p>
<p>M19</p>	<p>MAZ_M00649 (E val: 9.2524e-09)</p>
<p>M70</p>	<p>ZNF219_M0112 (E val: 1.2878e-10)</p>
<p>M16</p>	<p>ZNF219_M0112 (E val: 5.7732e-13)</p>








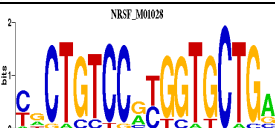

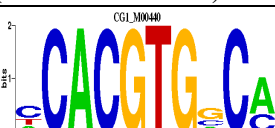


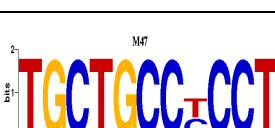



 <p>M44</p>	 <p>ZNF219_M01122 (E val: 2.0015e-11)</p>
 <p>M26</p>	 <p>PU.1_M00658 (E val: 1.8349e-08)</p>
 <p>M2</p>	 <p>KROX_M00982 (E val: 3.3963e-10)</p>
 <p>M6</p>	 <p>KROX_M00982 (E val: 3.3963e-10)</p>
 <p>M57</p>	 <p>AtMYB-84_M00970 (E val: 3.7944e-10)</p>
 <p>M29</p>	 <p>TAL1_M00993 (E val: 5.9586e-08)</p>
 <p>M23</p>	 <p>GBF_M00633 (E val: 5.4114e-07)</p>
 <p>M75</p>	 <p>YY1_M00069 (E val: 5.0668e-05)</p>

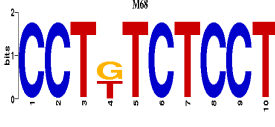

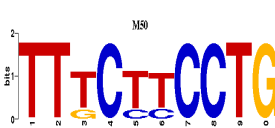



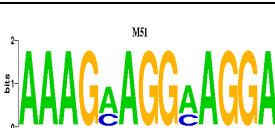







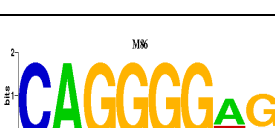

 <p>M24</p>	 <p>CAC-binding_M00720 (E val: 2.0252e-05)</p>
 <p>M84</p>	 <p>HSF_M00641 (E val: 1.2880e-04)</p>
 <p>M31</p>	 <p>AP-2_M00800 (E val: 1.6517e-06)</p>
 <p>M77</p>	 <p>HAC1_M00730 (E val: 1.0337e-04)</p>
 <p>M21</p>	 <p>LF-A1_M00646 (E val: 5.5252e-05)</p>
 <p>M41</p>	 <p>CACCC-binding_M00721 (E val: 2.0370e-04)</p>
 <p>M30</p>	 <p>Eve_M00629 (E val: 4.7800e-05)</p>
 <p>M48</p>	 <p>Olf-1_M00261 (E val: 8.4917e-07)</p>

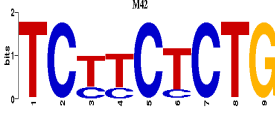


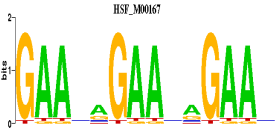

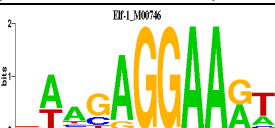

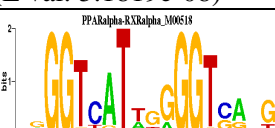
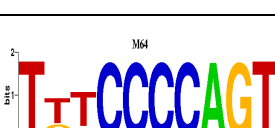

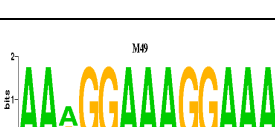
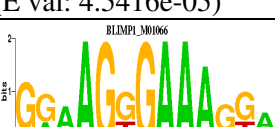



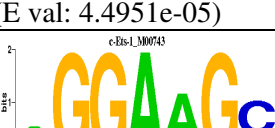
 <p>M80</p>	 <p>Ik-3_M00088 (E val: 7.4202e-07)</p>
 <p>M76</p>	 <p>EBF_M00977 (E val: 5.5233e-06)</p>
 <p>M28</p>	 <p>p53_M00034 (E val: 9.0009e-05)</p>
 <p>M38</p>	 <p>COUPTF_M01036 (E val: 4.3993e-05)</p>
 <p>M67</p>	 <p>BRK_M01096 (E val: 7.4943e-05)</p>
 <p>M8</p>	 <p>HEB_M00698 (E val: 6.7229e-07)</p>
 <p>M12</p>	 <p>TAL1_M00993 (E val: 6.0395e-06)</p>
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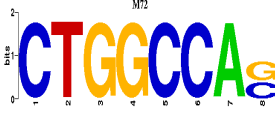








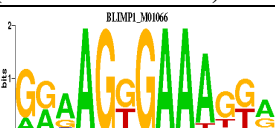
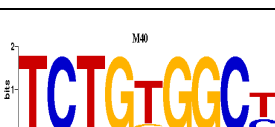



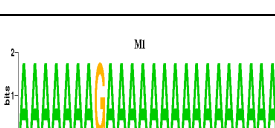
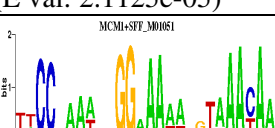
 <p>M20</p>	 <p>LMAF_M01139 (E val: 1.3008e-06)</p>
 <p>M74</p>	 <p>LMAF_M01139 (E val: 1.4112e-06)</p>
 <p>M79</p>	<p>Muscle_M00321 (E val: 2.9298e-05)</p>
 <p>M81</p>	 <p>LMAF_M01139 (E val: 1.4112e-06)</p>
 <p>M15</p>	 <p>LMAF_M01139 (E val: 2.6679e-06)</p>
 <p>M43</p>	 <p>c-Ets-1_M00743 (E val: 1.0199e-07)</p>
 <p>M56</p>	 <p>TAL1_M00993 (E val: 1.5685e-09)</p>
 <p>M83</p>	 <p>HEB_M00698 (E val: 2.8409e-09)</p>

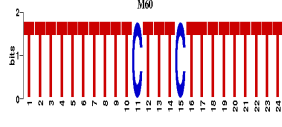
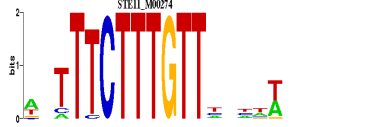
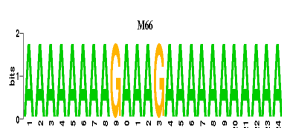

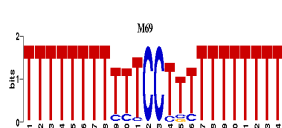
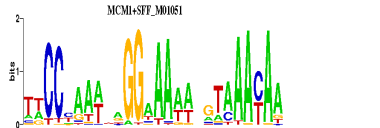
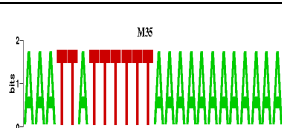

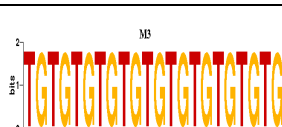
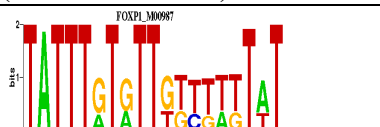
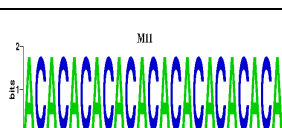

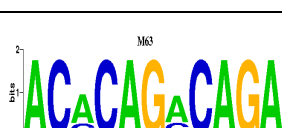
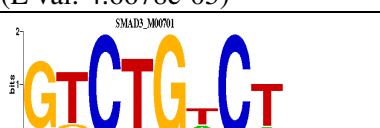
 <p>M71</p>	 <p>GATA-4_M00632 (E val: 4.6761e-05)</p>
 <p>M25</p>	 <p>HEN1_M00058 (E val: 2.1170e-06)</p>
 <p>M78</p>	 <p>Adf-1_M00923 (E val: 1.6376e-06)</p>
 <p>M62</p>	 <p>LMAF_M01139 (E val: 6.8805e-08)</p>
 <p>M82</p>	 <p>Dde_M00304 (E val: 7.7025e-10)</p>
 <p>M32</p>	 <p>AP-2_M00189 (E val: 2.8824e-04)</p>
 <p>M85</p>	 <p>HSF_M00641 (E val: 2.1324e-05)</p>
 <p>M45</p>	 <p>Pax-6_M00979 (E val: 1.2421e-05)</p>

 <p>M7</p>	 <p>GC_M00255 (E val: 3.1544e-07)</p>
 <p>M14</p>	 <p>UF1H3BETA_M01068 (E val: 1.7993e-08)</p>
 <p>M13</p>	 <p>PU.1_M00658 (E val: 2.7273e-05)</p>
 <p>M36</p>	 <p>NRSF_M01028 (E val: 1.0811e-04)</p>
 <p>M37</p>	 <p>CG1_M00440 (E val: 8.2439e-06)</p>
 <p>M46</p>	 <p>PU.1_M00658 (E val: 2.5962e-05)</p>
 <p>M47</p>	 <p>Egr_M00807 (E val: 3.8878e-06)</p>
 <p>M52</p>	 <p>GAGA_M00723 (E val: 1.1635e-04)</p>

 <p>M68</p>	 <p>ARF_M00438 (E val: 2.0779e-05)</p>
 <p>M50</p>	 <p>Tel-2_M00678 (E val: 4.1329e-09)</p>
 <p>M58</p>	 <p>PEND_M01015 (E val: 5.1930e-06)</p>
 <p>M51</p>	 <p>Tel-2_M00678 (E val: 1.1936e-05)</p>
 <p>M73</p>	 <p>E2A_M00973 (E val: 1.1361e-05)</p>
 <p>M9</p>	 <p>MAF_M00648 (E val: 2.0859e-05)</p>
 <p>M18</p>	 <p>TAL1_M00993 (E val: 2.0276e-07)</p>
 <p>M86</p>	 <p>EBF_M00977 (E val: 1.6599e-05)</p>

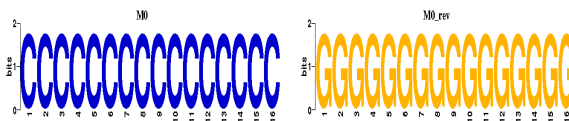
 <p>M42</p>	 <p>GATA-2_M00349 (E val: 7.5650e-07)</p>
 <p>M55</p>	 <p>HSF_M00167 (E val: 2.0789e-05)</p>
 <p>M65</p>	 <p>Elf-1_M00746 (E val: 5.1819e-08)</p>
 <p>M34</p>	 <p>PPARalpha-RXRalpha_M00518 (E val: 1.1660e-05)</p>
 <p>M64</p>	 <p>XPF-1_M00684 (E val: 4.5416e-05)</p>
 <p>M49</p>	 <p>BLIMP1_M01066 (E val: 4.9165e-11)</p>
 <p>M54</p>	 <p>Ttk_M00009 (E val: 4.4951e-05)</p>
 <p>M61</p>	 <p>c-Ets-1_M00743 (E val: 4.0944e-06)</p>







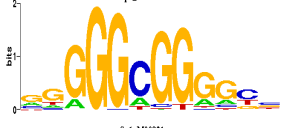



 <p>M72</p>	 <p>BRK_M01096 (E val: 2.1022e-05)</p>
 <p>M17</p>	 <p>GAGA_M00723 (E val: 2.4246e-08)</p>
 <p>M27</p>	 <p>GAGA_M00723 (E val: 2.2667e-07)</p>
 <p>M39</p>	 <p>MAZ_M00649 (E val: 2.1719e-06)</p>
 <p>M59</p>	 <p>BLIMP1_M01066 (E val: 4.1041e-07)</p>
 <p>M40</p>	 <p>SEF-1_M00214 (E val: 5.5261e-07)</p>
 <p>M87</p>	 <p>SEF-1_M00214 (E val: 2.1125e-05)</p>
 <p>M1</p>	 <p>MCM1+SFF_M01051 (E val: 7.8141e-10)</p>

 <p>M60</p>	 <p>STE11_M00274 (E val: 5.5080e-11)</p>
 <p>M66</p>	 <p>STE11_M00274 (E val: 5.5080e-11)</p>
 <p>M69</p>	 <p>MCM1+SFF_M01051 (E val: 5.3734e-09)</p>
 <p>M35</p>	 <p>ATHB-5_M00503 (E val: 2.0591e-06)</p>
 <p>M3</p>	 <p>FOXP1_M00987 (E val: 3.5101e-05)</p>
 <p>M11</p>	 <p>FOXP1_M00987 (E val: 4.6678e-05)</p>
 <p>M63</p>	 <p>SMAD3_M00701 (E val: 8.1444e-07)</p>

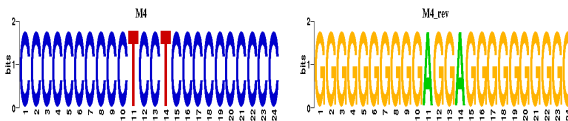
Motif Similarity Matches




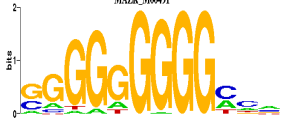


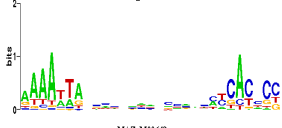

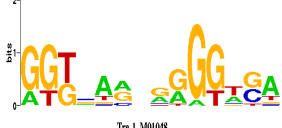

M0



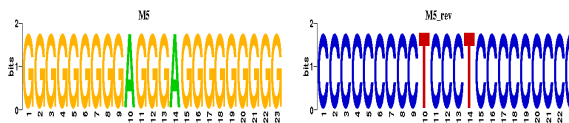
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3967e-11	GGGGGGGGGGGGGGGGG GGGNGGGGGGN-----	
KROX_M00982	1.5182e-10	GGGGGGGGGGGGGGGGG GNNNGGGGGGCGG----	
MAZR_M00491	2.9574e-08	---GGGGGGGGGGGGGGGGG SGGSGGGGGGGGMNN-----	
UF1H3BETA_M01068	1.7841e-07	-CCCCCCCCCCCCCCCCC GCCCTCCCCRC-----	
RREB-1_M00257	1.5481e-06	GGGGGGGGGGGGGGGGG GGGGTGGTTTGGG----	
AtMYB-84_M00970	1.6632e-05	GGGGGGGGGGGGGGGGG GGNGGTAGGTGS-----	
Sp1_M00196	7.4514e-05	--CCCCCCCCCCCCCCCCC NNCCCCGCCCCN-----	
Sp1_M00931	1.1754e-04	-CCCCCCCCCCCCCCCCC NCCCCGCC-----	
Alfin1_M00479	1.4491e-04	CCCCCCCCCCCCCCCCC MNNCCCCACNYNYN--	
Sp1_M00933	2.1993e-04	-CCCCCCCCCCCCCCCCC C-CCKCCCCN-----	



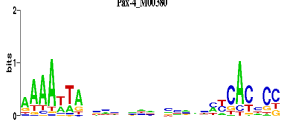





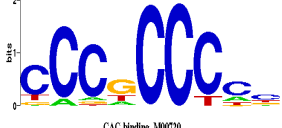

M4



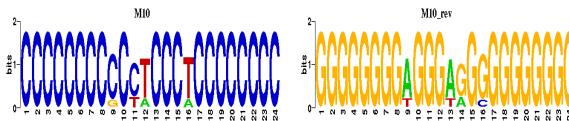
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.3895e-10	GGGGGGGGGGAGGAGGGGGGGGGG GGGNGGGGGGN-----	
KROX_M00982	2.1546e-09	GGGGGGGGGGAGGAGGGGGGGGGG GNNNGGGGGCG-----	
AtMYB-84_M00970	5.8527e-08	CCCCCCCCCTCCTCCCCCCCCC -----SCACCTACCNC-----	
MAZR_M00491	1.4729e-07	GGGGGGGGGGAGGAGGGGGGGGGG -SGGGGGGGMNN-----	
UF1H3BETA_M01068	1.7590e-06	GGGGGGGGGGAGGAGGGGGGGGGG -----GYGGGGGAGGGGC-----	
TFII-I_M00706	2.1301e-05	CCCCCCCCCTCCTCCCCCCCCC -----CCTMCNTC-----	
Pax-4_M00380	5.9346e-05	GGGGGGGGGGAGGAGGGGGGGGGG----- NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
MAZ_M00649	6.4065e-05	CCCCCCCCCTCCTCCCCCCCCC -----CCCTCC-----	
VDR_M00444	1.7699e-04	CCCCCCCCCTCCTCCCCCCCCC ----TSWCCYYNYTNMCC-----	
Tra-1_M01048	4.7281e-04	CCCCCCCCCTCCTCCCCCCCCC -----ACCWCC-----	






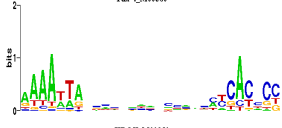




M5



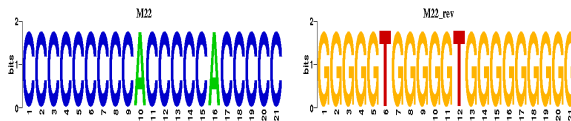
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	2.8736e-10	GGGGGGGGGAGGGAGGGGGGGGG -----GGNGGGGGGN--	
TFII-I_M00706	6.4335e-09	CCCCCCCCCTCCCTCCCCCCCCCC -----CCTMCNTC-----	
Pax-4_M00380	6.6372e-09	GGGGGGGGGAGGGAGGGGGGGGG----- NGNGTGNNNNNNNNNNNNNNNNNTAWTTTN	
MAZ_M00649	3.4415e-08	CCCCCCCCCTCCCTCCCCCCCCCC -----CCCTCC-----	
MAZR_M00491	9.6501e-08	GGGGGGGGGAGGGAGGGGGGGGG SGGGGGGGGMNN-----	
UF1H3BETA_M01068	2.4289e-07	CCCCCCCCCTCCCTCCCCCCCCCC -----GCCCTCCCCRC--	
KROX_M00982	7.6572e-07	GGGGGGGGGAGGGAGGGGGGGGG -----GNNGNGGGGGCGG-	
RREB-1_M00257	1.6496e-05	GGGGGGGGGAGGGAGGGGGGGGG GGGTGGTTTGGG-----	
Sp1_M00933	4.2402e-05	CCCCCCCCCTCCCTCCCCCCCCCC -----CCCKCCCN-----	
CAC-binding_M00720	4.6102e-05	CCCCCCCCCTCCCTCCCCCCCCCC -----CCASCY-----	

M10






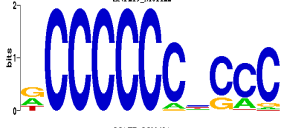



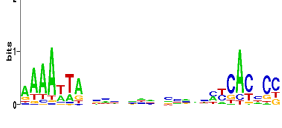


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.7242e-10	CCCCCCCCCCTCCCTCCCCCCCC NCCCCCNCCC-----	
TFII-I_M00706	2.3516e-08	CCCCCCCCCCTCCCTCCCCCCCC -----CCTMCNTC-----	
MAZ_M00649	4.7805e-08	CCCCCCCCCCTCCCTCCCCCCCC -----CCCTCC-----	
UF1H3BETA_M01068	1.4529e-07	CCCCCCCCCCTCCCTCCCCCCCC -----GCCCTCCCCRC-----	
MAZR_M00491	2.9044e-07	GGGGGGGAGGGAGGGGGGGGGG--- -----SGGGGGGGMNN	
Pax-4_M00380	3.6584e-07	-GGGGGGGAGGGAGGGGGGGGGG--- NGNGTGNNNNNNNNNNNNNNNTAWTTN	
KROX_M00982	1.3052e-06	GGGGGGGAGGGAGGGGGGGGGG -----GNNNGGGGGCGG---	
AtMYB-84_M00970	2.2509e-05	GGGGGGGAGGGAGGGGGGGGGG ---GGNGGTAGGTGS-----	
CAC-binding_M00720	2.4228e-05	CCCCCCCCCCTCCCTCCCCCCCC -----CCCASCCY-----	
Sp1_M00933	7.8513e-05	CCCCCCCCCCTCCCTCCCCCCCC -----CCCKCCCN---	

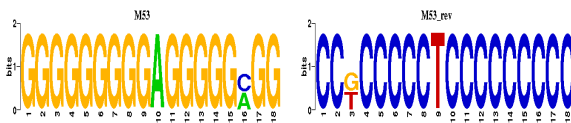
M22



forward *reverse compliment*

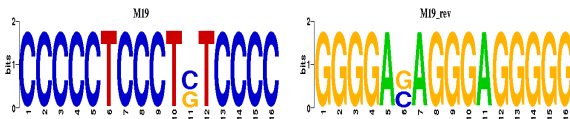
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	2.2147e-12	CCCCCCCCACCCCCACCCCC ----GCCCTCCCCRC----	
KROX_M00982	1.0196e-11	GGGGTGGGGTGGGGGGGG -GNNGGGGGCGG-----	
GBF_M00633	1.0563e-09	CCCCCCCCACCCCCACCCCC -----NACCCNA-----	
Alfin1_M00479	1.5622e-09	CCCCCCCCACCCCCACCCCC- -----MNNCCCCACNYNYN	
AtMYB-84_M00970	3.4967e-08	CCCCCCCCACCCCCACCCCC ---SCACCTACNCC-----	
ZNF219_M01122	6.1717e-08	GGGGTGGGGTGGGGGGGG -----GGNGGGGGGN--	
MAZR_M00491	2.0191e-07	GGGGTGGGGTGGGGGGGG--- -----SGGGGGGGMNN	
RREB-1_M00257	4.5017e-07	GGGGTGGGGTGGGGGGGG -----GGGTGGTTTGGG-	
CAC-binding_M00720	9.8046e-07	GGGGTGGGGTGGGGGGGG -RGGSTGGG-----	
Pax-4_M00380	7.3488e-06	GGGGTGGGGTGGGGGGGG----- -NGNGTGNNNNNNNNNNNNTAWTTN	

M53



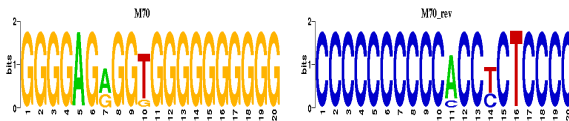
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	6.3838e-14	GGGGGGGGGAGGGGGMGG -----GNNGNNGGGGGCGG	
UF1H3BETA_M01068	4.9574e-11	CCKCCCCCTCCCCCCCCC ---GCCCTCCCCRC---	
AtMYB-84_M00970	9.1791e-09	CCKCCCCCTCCCCCCCCC ---SCACCTACCNCC---	
MAZ_M00649	1.1148e-08	CCKCCCCCTCCCCCCCCC -----CCCTCCC-----	
MAZR_M00491	2.4172e-08	GGGGGGGGGAGGGGGMGG SGGGGGGGGMNN-----	
ZNF219_M01122	2.5380e-08	GGGGGGGGGAGGGGGMGG -----GGNGGGGGGN---	
RREB-1_M00257	4.4256e-06	GGGGGGGGGAGGGGGMGG GGGGTGGTTTGGG-----	
TFII-I_M00706	7.4277e-06	CCKCCCCCTCCCCCCCCC -----CCTMCNTC----	
Sp1_M00933	2.0058e-05	CCKCCCCCTCCCCCCCCC -----CCKCCCCN-----	
Alfin1_M00479	2.1393e-05	CCKCCCCCTCCCCCCCCC -MNNCCCCACNYNYN---	







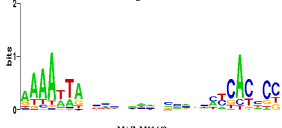



M19



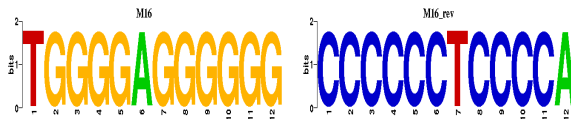
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	9.2524e-09	CCCCCTCCCTSTCCCC --CCCTCC-----	
TFII-I_M00706	2.1831e-08	CCCCCTCCCTSTCCCC ---CCTMCNTC-----	
ZNF219_M01122	5.6506e-08	GGGGASAGGGAGGGGG-- -----GGGNGGGGGGN	
UFIH3BETA_M01068	8.8116e-07	CCCCCTCCCTSTCCCC GCCCCCCCCRC----	
KROX_M00982	2.1006e-06	GGGGASAGGGAGGGGG GNNNGGGGGGCGG---	
CAC-binding_M00720	1.2871e-05	CCCCCTCCCTSTCCCC --CCCASCY-----	
Sp1_M00931	1.7593e-05	CCCCCTCCCTSTCCCC NCCCCGCC-----	
MAZR_M00491	4.4055e-05	GGGGASAGGGAGGGGG-- -----SGGGGGGGMNN	
Tra-1_M01048	1.5718e-04	CCCCCTCCCTSTCCCC --ACCWCC-----	
VDR_M00444	3.5367e-04	CCCCCTCCCTSTCCCC TSWCCYYNYTMCC--	





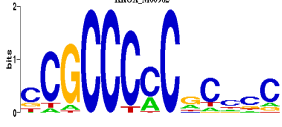
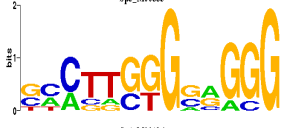
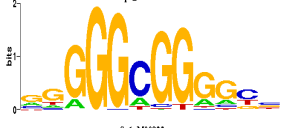



M70



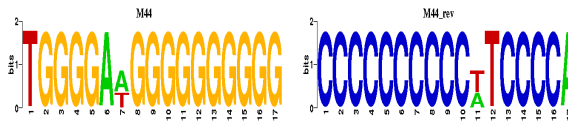
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	1.2878e-10	GGGGAGAGGTGGGGGGGGGG-- -----GGNGGGGGGGN	
UF1H3BETA_M01068	8.0071e-10	-CCCCCCCCCACCTCTCCCC GCCCTCCCCRC-----	
KROX_M00982	1.9094e-08	GGGGAGAGGTGGGGGGGGGG -----GNNNGGGGGGCG--	
Alfin1_M00479	3.4127e-08	CCCCCCCCCACCTCTCCCC ---MNNCCCCACNYNYN---	
AtMYB-84_M00970	1.2192e-07	CCCCCCCCCACCTCTCCCC -----SCACCTACCNCC	
MAZR_M00491	2.3864e-07	-GGGGAGAGGTGGGGGGGGGG-- S-----SGGGGGGGGMNN	
Pax-4_M00380	5.5756e-07	GGGGAGAGGTGGGGGGGGGG----- NGNGTGNNNNNNNNNNNNNNNTAWTTTN	
MAZ_M00649	2.9906e-06	GGGGAGAGGTGGGGGGGGGG -GGGAGGG-----	
ROM_M00700	1.4045e-05	GGGGAGAGGTGGGGGGGGGG ----TGASGTGG-----	
Egr_M00807	1.6805e-05	CCCCCCCCCACCTCTCCCC -NYYGCSCCA-----	






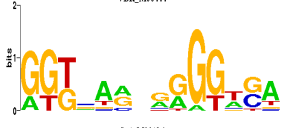
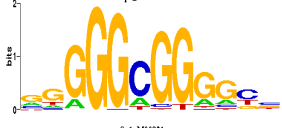



M16



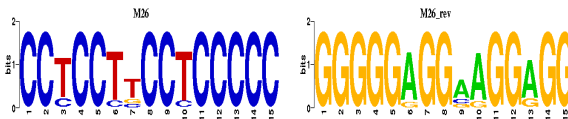
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	5.7732e-13	TGGGGAGGGGGG-- --GGGNGGGGGGN	
MAZ_M00649	1.9141e-09	CCCCCTCCCCA ---CCCTCCC--	
UF1H3BETA_M01068	2.3784e-09	CCCCCTCCCCA-- -GCCCTCCCCRC	
VDR_M00444	1.7973e-08	---CCCCCTCCCCA TSWCCYYNYTNMCC-	
KROX_M00982	3.3793e-08	TGGGGAGGGGGG-- -GNNGNGGGGGCGG	
Sp3_M00665	1.6488e-07	----TGGGGAGGGGGG SMCTTGGGSRGGG---	
Sp1_M00196	7.9546e-07	CCCCCTCCCCA NNCCCCGCCCN	
Sp1_M00933	1.8060e-06	CCCCCTCCCCA ---CCCKCCCN	
MAZR_M00491	2.0899e-06	TGGGGAGGGGGG-- -SGGGGGGGGMNN	
Sp1_M00931	2.9023e-06	CCCCCTCCCCA -NCCCCGCC--	

M44



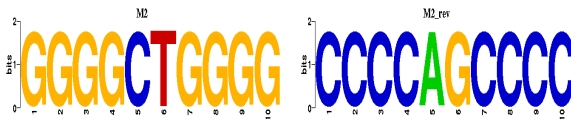
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ZNF219_M01122	2.0015e-11	TGGGGAWGGGGGGGGGG-- -----GGGNGGGGGGN	
UF1H3BETA_M01068	1.8366e-08	CCCCCCCCCWTCCCCA-- -----GCCCTCCCCRC	
MAZR_M00491	5.2681e-08	-TGGGGAWGGGGGGGGGG-- S-----SGGGGGGGGMNN	
KROX_M00982	4.5429e-07	CCCCCCCCCWTCCCCA --CCGCCCCNCNNC--	
AtMYB-84_M00970	7.0322e-06	TGGGGAWGGGGGGGGGG GGNGGTAGGTGS-----	
VDR_M00444	2.9131e-05	CCCCCCCCCWTCCCCA --TSWCCYNYTNMCC-	
Sp1_M00196	1.1107e-04	--CCCCCCCCCWTCCCCA NNCCCCGCCCN-----	
Sp1_M00931	1.4515e-04	-CCCCCCCCCWTCCCCA NCCCCGCC-----	
Egr_M00807	1.5514e-04	CCCCCCCCCWTCCCCA -NYGCSCCCCA-----	
PU.1_M00658	2.3564e-04	CCCCCCCCCWTCCCCA -----CTTCCTC-	

M26



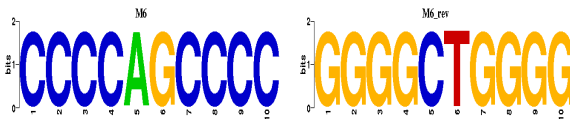
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	1.8349e-08	CCTCCTTCTCCCC ----CTTCTC----	
NERF1a_M00531	6.7946e-07	----CCTCCTTCTCCCC SNNASNYRCTTCTGNY--	
VDR_M00444	2.2668e-06	CCTCCTTCTCCCC TSWCCYYNYTMCC-	
TFII-I_M00706	3.8736e-06	CCTCCTTCTCCCC -----CCTMCNTC	
GCR1_M00046	1.2211e-05	GGGGGAGGAAGGAGG ----GWGGAAGC---	
MAZ_M00649	1.7589e-05	CCTCCTTCTCCCC -----CCCTCC--	
Ets_M00971	2.7235e-05	GGGGGAGGAAGGAGG ----NAGGAAG----	
AtMYB-84_M00970	3.2451e-05	GGGGGAGGAAGGAGG ---GGNGGTAGGTGS	
UF1H3BETA_M01068	3.4665e-05	CCTCCTTCTCCCC-- ----GCCCTCCCCRC	
Tel-2_M00678	4.8924e-05	GGGGGAGGAAGGAGG ----CAGGAAGTA--	









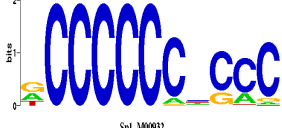

M2



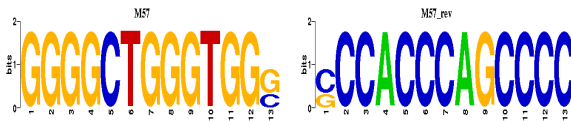
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	3.3963e-10	GGGGCTGGGG--- GNNNGGGGGGCGG	
UF1H3BETA_M01068	5.1434e-08	-CCCCAGCCCC-- GCCCCGCCCCRC	
Sp1_M00196	1.2055e-07	-CCCCAGCCCC- NNCCCCGCCCCN	
CAC-binding_M00720	1.5114e-07	GGGGCTGGGG -RGGSTGGG-	
Alfin1_M00479	5.3739e-07	---CCCCAGCCCC- MNNCCCCACNYYN	
Sp1_M00931	1.4496e-06	CCCCAGCCCC NCCCCGCC-	
GC_M00255	1.9040e-06	--CCCCAGCCCC- NNGCCCCGCCNN	
Sp1_M00933	2.1528e-06	-GGGGCTGGGG NGGGGMGG--	
ZNF219_M01122	6.1548e-06	GGGGCTGGGG- GGGNGGGGGGN	
Sp1_M00932	4.8380e-05	-CCCCAGCCCC- NNCCCCGCCCN	

M6



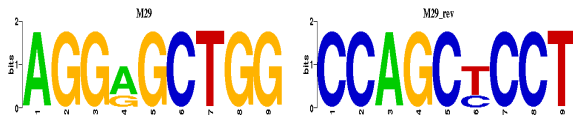
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
KROX_M00982	3.3963e-10	GGGGCTGGGG--- GNNNGGGGGGCGG	
UF1H3BETA_M01068	5.1434e-08	-CCCCAGCCCC-- GCCCCGCCCCRC	
Sp1_M00196	1.2055e-07	-CCCCAGCCCC- NNCCCCGCCCCN	
CAC-binding_M00720	1.5114e-07	GGGGCTGGGG -RGGSTGGG-	
Alfin1_M00479	5.3739e-07	---CCCCAGCCCC- MNNCCCCACNYYN	
Sp1_M00931	1.4496e-06	CCCCAGCCCC NCCCCGCC-	
GC_M00255	1.9040e-06	--CCCCAGCCCC- NNGCCCCGCCNN	
Sp1_M00933	2.1528e-06	-GGGGCTGGGG NGGGGMGG--	
ZNF219_M01122	6.1548e-06	GGGGCTGGGG- GGGNGGGGGGN	
Sp1_M00932	4.8380e-05	-CCCCAGCCCC- NNCCCCGCCCN	

M57



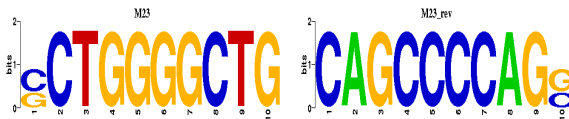
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AtMYB-84_M00970	3.7944e-10	CCCACCCAGCCCC -SCACCTACCNCC	
KROX_M00982	6.4167e-08	CCCACCCAGCCCC CCGCCCCCNCNCC	
RREB-1_M00257	5.4127e-07	GGGGCTGGGTGGG GGGGTGGTTTGGG	
CAC-binding_M00720	1.1267e-06	GGGGCTGGGTGGG -RGGSTGGG----	
MTF-1_M00650	2.7625e-06	-CCCACCCAGCCCC NTGCACNCGGCC-	
Sp1_M00196	7.7199e-06	CCCACCCAGCCCC- --NNCCCCGCCCCN	
GLI_M01037	9.7868e-06	GGGGCTGGGTGGG-- ----NTGGGTGGTCN	
Sp1_M00931	1.4729e-05	CCCACCCAGCCCC ---NCCCCGCCC-	
Sp1_M00933	2.0861e-05	-GGGGCTGGGTGGG NNGGGMGGG-----	
Sp1_M00008	2.7218e-05	CCCACCCAGCCCC ---WCCYGCCY-	

M29



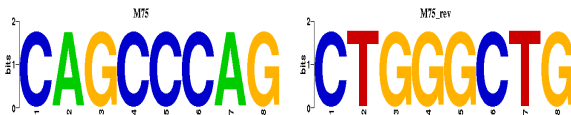
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	5.9586e-08	AGGAGCTGG RNCAGNTGG	
LUN-1_M00480	1.2248e-07	-CCAGCTCCT----- CCCAGCTACTTTGGGA	
HEB_M00698	5.3128e-06	AGGAGCTGG --CAGCWGG	
LBP-1_M00644	8.0823e-06	CCAGCTCCT SCAGCN---	
AP-4_M00176	9.1012e-05	AGGAGCTGG- -NCAGCTGNN	
Sp1_M00933	1.6799e-04	CCAGCTCCT CCKKCCCN	
AP-4_M00927	2.1742e-04	CCAGCTCCT NCAGCTGY-	
ROM_M00700	2.9986e-04	AGGAGCTGG -TGASGTGG	
myogenin_M00712	3.4088e-04	CCAGCTCCT -CASCTGN-	
Pax-6_M00979	1.0619e-03	-----CCAGCTCCT KAGTTCAGGTCA-	

M23



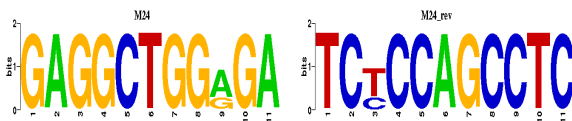
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GBF_M00633	5.4114e-07	CAGCCCCAGS NACCCNA--	
Alfin1_M00479	5.5359e-06	----SCTGGGGCTG NRNRNGTGGGNNK	
AP-2alphaA_M01047	2.7622e-05	-CAGCCCCAGS--- ANMGCTNAGGCKN	
AP-2_M00915	7.2520e-05	--SCTGGGGCTG NGCCNGGGNNN	
NRSF_M00256	1.3054e-04	-CAGCCCCAGS----- TCAGCACCACGGACAGCRSC	
NRSF_M01028	1.8072e-04	-CAGCCCCAGS----- TCAGCACCRYGGACAGNR	
KROX_M00982	2.2190e-04	---SCTGGGGCTG GNNGNGGGGGCGG	
SREBP-1_M00749	3.1581e-04	SCTGGGGCTG --TGSGT--	
CACCC-binding_M00721	3.9328e-04	-----SCTGGGGCTG CCNCACCCWNNKGNT-	
Pax-6_M00979	4.3890e-04	---SCTGGGGCTG TGACCTGGAAC TM	

M75



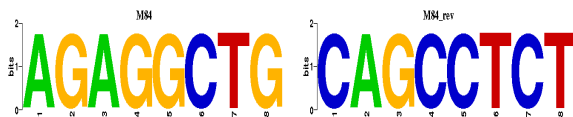
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
YY1_M00069	5.0668e-05	--CAGCCCAG----- WNSANNCAAGATGGCNGNN	
SREBP-1_M00221	9.3337e-05	CTGGGCTG-- GTGGGGTGAT	
SREBP_M00776	1.9757e-04	CTGGGCTG---- -TRGGGTGANN	
CP2_M00072	3.4493e-04	CTGGGCTG-- CTGGKTNGNG	
CP2-LBP-1c-LSF_M00947	5.6016e-04	-----CAGCCCAG CNRGNNNNANCCAG	
SREBP-1_M00749	7.2101e-04	CTGGGCTG -TGGSGT-	
NGFI-C_M00244	8.6654e-04	---CTGGGCTG TGCGTGGGYGG	
Dde_M00304	9.3263e-04	CTGGGCTG--- ---GGCTGAGC	
PCF2_M00948	2.1823e-03	CTGGGCTG- GTGGGNCCN	
CAC-binding_M00720	2.5280e-03	--CAGCCCAG CCCASCCY--	




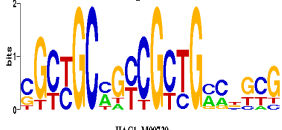






M24



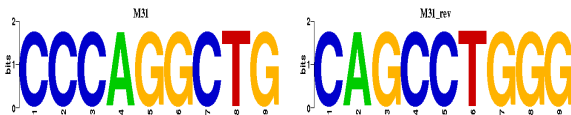
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	2.0252e-05	TCTCCAGCCTC --CCCASCCY-	
Barbie_M00238	7.2411e-05	TCTCCAGCCTC--- CMNNCNSCTTTNNN	
ZID_M00085	3.0577e-04	GAGGCTGGAGA- GRTGATRGAGCC	
E2F_M01114	1.5253e-03	GAGGCTGGAGA- --NGCGGGAAN	
KROX_M00982	1.7579e-03	--TCTCCAGCCTC CCGCCCCNCNNC	
BRK_M01096	2.4183e-03	GAGGCTGGAGA ----NTGGCG-	
XPF-1_M00684	2.6060e-03	--TCTCCAGCCTC GKTSNYCNG----	
Sp1_M00933	2.6818e-03	-GAGGCTGGAGA NNGGGMGGG---	
HEB_M00698	3.0887e-03	GAGGCTGGAGA -CAGCWGG---	
E2A_M00804	3.5402e-03	---GAGGCTGGAGA NMNNGNCAGGTG-	

M84

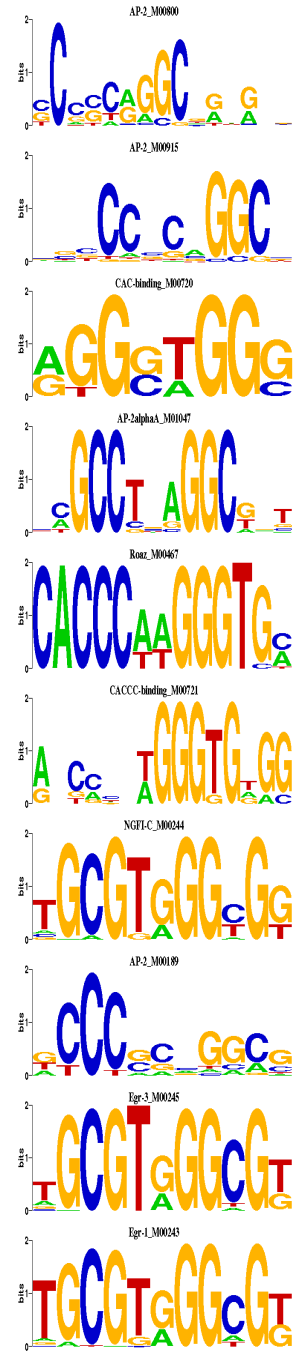


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00641	1.2880e-04	-CAGCCTCT--- GAARCYNCKNGA	
CAC-binding_M00720	5.0895e-04	--CAGCCTCT CCCASCCY--	
Dde_M00304	9.3263e-04	AGAGGCTG--- ---GGCTGAGC	
Adf-1_M00923	1.3258e-03	-----AGAGGCTG----- CRMNKKCAGCGRCKGCRGCS	
HAC1_M00730	1.3327e-03	-AGAGGCTG-- GACACGCTGKC	
AP-2alphaA_M01047	2.5748e-03	-CAGCCTCT----- ANMGCCTNAGGCKN	
LUN-1_M00480	3.5763e-03	-----AGAGGCTG-- TCCCAAAGTAGCTGGG	
bZIP910_M00357	5.3235e-03	----CAGCCTCT ACGTCAGCAYS-	
PEA3_M00655	5.8888e-03	AGAGGCTG --MGGAWG	
SMAD4_M00733	5.9566e-03	----CAGCCTCT- NSRKNCAGMCANCY	

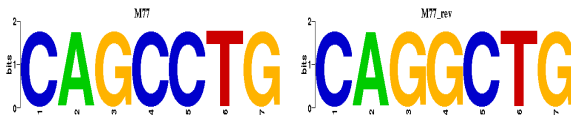
M31



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
AP-2_M00800	1.6517e-06	----CAGCCTGGG-- NNYNYNGCCYGSSGS
AP-2_M00915	4.8028e-06	CAGCCTGGG---- -NGCCNGNGGNNN
CAC-binding_M00720	5.4746e-05	CCCAGGCTG CCCASCCY-
AP-2alphaA_M01047	2.8675e-04	-CAGCCTGGG---- ANMGCCTNAGGCKN
Roaz_M00467	3.9860e-04	-CAGCCTGGG--- KCACCCTTGGGTG
CACCC-binding_M00721	4.4180e-04	---CCCAGGCTG--- ANCMNNWGGGTGNNG
NGFI-C_M00244	1.0294e-03	---CCCAGGCTG CCRCCCACGCA-
AP-2_M00189	1.2490e-03	CAGCCTGGG--- -CGCCNGSGGGN
Egr-3_M00245	1.3375e-03	---CCCAGGCTG ACGCCACGCA-
Egr-1_M00243	1.4128e-03	---CCCAGGCTG MCGCCCACGCA-

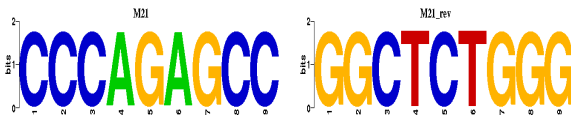


M77



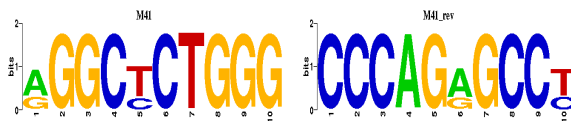
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HAC1_M00730	1.0337e-04	--CAGGCTG-- GACACGCTGKC	
CAC-binding_M00720	1.3477e-04	--CAGCCTG CCCASCCY-	
AP-2_M00800	2.1564e-04	----CAGCCTG---- NNYNYNGCCYGSSGS	
Dde_M00304	2.6766e-04	CAGGCTG--- --GGCTGAGC	
AP-2alphaA_M01047	4.4053e-04	-CAGCCTG----- ANMGCCTNAGGCKN	
AR_M00481	1.0603e-03	----CAGCCTG--- AGNACANNNTGTWC	
SMAD4_M00733	1.2380e-03	-----CAGCCTG-- NSRKNCAGMCANCY	
AP-2_M00915	2.3030e-03	CAGCCTG----- -NGCCNGNGGNNN	
MEF-3_M00319	2.3795e-03	--CAGCCTG--- NGWAACCTGASC	
PEA3_M00655	3.1096e-03	CAGGCTG -MGGAWG	

M21



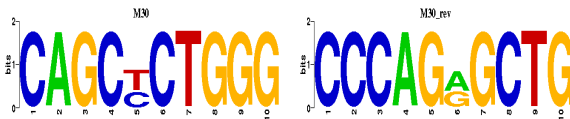
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LF-A1_M00646	5.5252e-05	CCCAGAGCC --YWGASCC	
ZID_M00085	1.7414e-03	GGCTCTGGG--- GGCTCYATCAYC	
NRSF_M00256	1.7424e-03	GGCTCTGGG----- GSYGCTGTCCGTGGTGCTGA	
Eve_M00629	2.0604e-03	CCCAGAGCC- -GCNGNSSWN	
STAT_M00777	2.0611e-03	-CCCAGAGCC-- TCCNAGAANNNN	
CDC5_M00361	2.3480e-03	--CCCAGAGCC NSCGCTGAGS-	
Dde_M00304	3.4678e-03	CCCAGAGCC GGCTGAGC-	
HSF_M00641	3.8517e-03	---GGCTCTGGG GAARCYNCKNGA	
Olf-1_M00261	4.0343e-03	-----GGCTCTGGG----- NCMNNYTCCNRGGGANTNGN	
LUN-1_M00480	4.6075e-03	-CCCAGAGCC----- TCCCAAAGTAGCTGGG	

M41



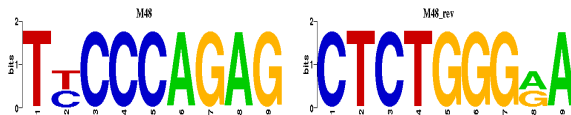
<i>Name</i>	<i>E value</i>	<i>forward</i>	<i>reverse compliment</i>	<i>Alignment</i>	<i>Motif</i>
CACCC-binding_M00721	2.0370e-04			-----CCCAGAGCCT CCNCACCCWNNKGNT	
LF-A1_M00646	2.1705e-04			CCCAGAGCCT --YWGASCC--	
HSF_M00641	2.4891e-04			--AGGCTCTGGG GAARCYNCKNGA	
Eve_M00629	1.8475e-03			CCCAGAGCCT -GCNGNSSWN	
Olf-1_M00261	3.3117e-03			----AGGCTCTGGG----- NCMNNYTCNRRGGGANTNGN	
EBF_M00977	4.3994e-03			AGGCTCTGGG-- --NCYCWRGGGA	
ZID_M00085	6.6766e-03			AGGCTCTGGG--- -GGCTCYATCAYC	
CDC5_M00361	7.0661e-03			--CCCAGAGCCT NSCGCTGAGS--	
STAT_M00777	7.7183e-03			-CCCAGAGCCT- TCCNAGAANNNN	
Dde_M00304	8.4814e-03			CCCAGAGCCT GGCTGAGC--	

M30



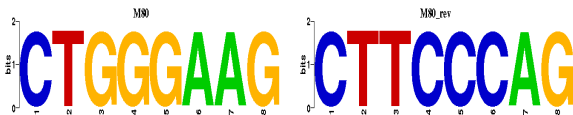
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Eve_M00629	4.7800e-05	CCCAGRGCTG -GCNGNSSWN	
AP-4_M00005	6.7342e-05	----CAGCYCTGGG--- NNNNCAGCTGNNGNCK	
Roaz_M00467	1.3907e-04	-CAGCYCTGGG-- KCACCCTTGGGTG	
AP-2_M00800	3.1267e-04	----CAGCYCTGGG- NNYNYNGCCYGSSGS	
LBP-1_M00644	3.4179e-04	-CAGCYCTGGG SCAGCN-----	
ZBRK1_M01105	8.2166e-04	CCCAGRGCTG----- -AAANNCTGCKSCC	
Sry-beta_M00666	1.0004e-03	CCCAGRGCTG- ---AGWGATGC	
Olf-1_M00261	1.1894e-03	----CAGCYCTGGG----- NCMNNYTCCNRGGGANTGN	
EBF_M00977	1.7279e-03	CAGCYCTGGG-- --NCYCWRGGGA	
HSF_M00641	3.2029e-03	--CAGCYCTGGG GAARCYNCKNGA	

M48



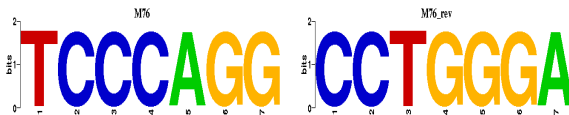
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Olf-1_M00261	8.4917e-07	-----CTCTGGGRA----- NCMNNYTCCCNRRGGGANTNGN	
EBF_M00977	2.8828e-06	-CTCTGGGRA NCYCWRGGGA	
STAT_M00777	6.1076e-05	TYCCAGAG---- -TCCNAGAANNNN	
Ik-3_M00088	7.8076e-05	----TYCCAGAG GGTATTCCNRN-	
STATx_M00223	2.5796e-04	TYCCAGAG -TCCCRKAA	
LUN-1_M00480	3.1473e-04	TYCCAGAG----- -TCCCAAAGTAGCTGGG	
Su_H_M00234	3.3480e-04	---TYCCAGAG NGKTTCCACRN	
RBP-Jkappa_M01112	6.6119e-04	-TYCCAGAG KTTCCACGN	
STAT1_M00224	1.1855e-03	-----TYCCAGAG----- NSNCANTTCCCGGAANNNNN	
STAT5A_M00457	1.2841e-03	---TYCCAGAG-- NRNTCCNRGAANY	

M80



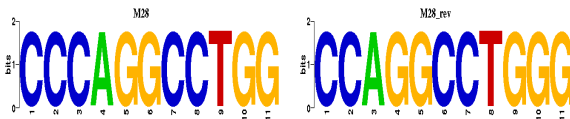
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Ik-3_M00088	7.4202e-07	---CTTCCCAG-- GGTATTCCCNRN	
RBP-Jkappa_M01112	1.4049e-05	CTTCCCAG-- KTTCCCACGN	
Lyf-1_M00141	3.4385e-05	CTTCCCAG YCTCCCAA	
NF-kappaB_M00208	4.1390e-05	CTGGGAAG---- -NGGAAARTCCC	
Ik-1_M00086	6.6339e-05	---CTTCCCAG-- NNNATTCCCANN	
Su_H_M00234	7.8193e-05	--CTTCCCAG-- NGKTTCCCACRN	
RBP-Jkappa_M01111	1.6619e-04	-CTGGGAAG NGTGGGA--	
Ik-2_M00087	1.9122e-04	--CTTCCCAG-- NNNWTCCCRNN	
PU.1_M00658	2.2603e-04	CTTCCCAG CTTCTC-	
Ets_M00971	2.2692e-04	CTGGGAAG -NAGGAAG	

M76

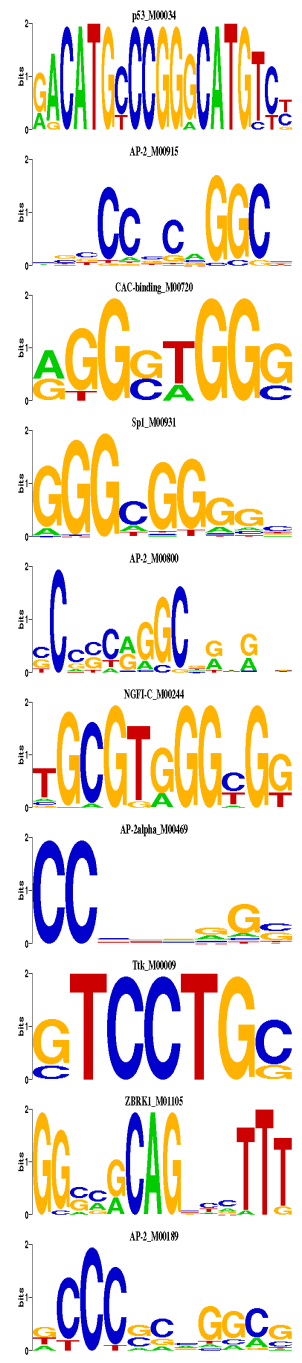


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
EBF_M00977	5.5233e-06	---CCTGGGA TCCCYWGRGN	
RBP-Jkappa_M01111	6.7530e-06	CCTGGGA NGTGGGA	
RBP-Jkappa_M01112	2.0613e-05	--TCCCAGG-- KTTCCCACGN	
AP-2_M00915	2.8051e-05	--CCTGGGA--- NGCCNGNGGNNN	
Ik-3_M00088	4.7839e-05	-----TCCCAGG GGTATTCCNRN	
Pax-6_M00979	7.1579e-05	---TCCCAGG--- KAGTTCAGGTCA	
STAT_M00777	8.0079e-05	TCCCAGG----- TCCNAGAANNNN	
Pitx2_M00482	1.8446e-04	CCTGGGA---- -NTGGGATTAN	
Lyf-1_M00141	1.8799e-04	--TCCCAGG YCTCCCAA-	
STAT5B_M00459	3.1899e-04	----CCTGGGA--- NWTTCNGGAANYN	

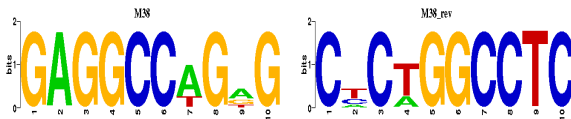
M28






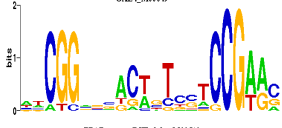
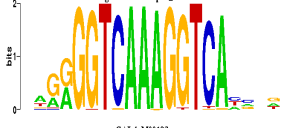
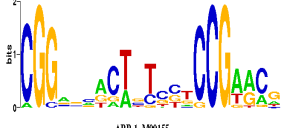




	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
p53_M00034	9.0009e-05	--CCAGGCCTGGG----- RGACATGCCCGGGCATGTC
AP-2_M00915	1.0148e-04	CCAGGCCTGGG---- ---NGCCNGNGGNNN
CAC-binding_M00720	1.1660e-03	CCCAGGCCTGG CCCASCCY---
Sp1_M00931	4.1271e-03	-CCCAGGCCTGG NCCCCGCC---
AP-2_M00800	5.2530e-03	--CCAGGCCTGGG-- NNYNYNGCCYGSSGS
NGFI-C_M00244	5.8020e-03	---CCCAGGCCTGG CCRCCACGCA---
AP-2alpha_M00469	6.1324e-03	CCAGGCCTGGG- ----SCNNNGG
Ttk_M00009	6.4930e-03	CCCAGGCCTGG -GCAGGAC---
ZBRK1_M01105	6.5302e-03	CCAGGCCTGGG--- AAANNNTGCKSCC
AP-2_M00189	6.7708e-03	CCAGGCCTGGG--- ---CGCCNGSGGGN

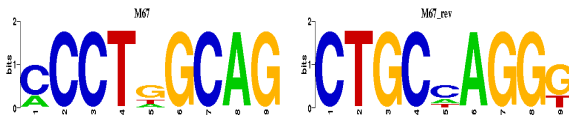


M38



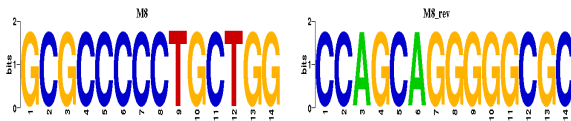
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
COUPTF_M01036	4.3993e-05	----GAGGCCAGNG----- NKNNRNGKNNAAAGGTCANNNN	
BRK_M01096	1.3158e-04	CNCTGGCCTC --NTGGCG--	
Poly_M00211	2.7028e-04	CNCTGGCCTC --GTGGTCTC	
PPARalpha-RXRalpha_M00242	9.6973e-04	----GAGGCCAGNG----- WRAWCTAGGNCAAAGGTCA	
ATF1_M00691	1.1052e-03	-GAGGCCAGNG TGACGTCANR-	
GAL4_M00049	1.2475e-03	----GAGGCCAGNG----- STTCGASNANWGTNNNCCGNN	
PPARgamma-RXRalpha_M00512	1.2577e-03	--GAGGCCAGNG----- NNGRGGTCAAAGGTCANNNN	
GAL4_M00198	1.9729e-03	----GAGGCCAGNG----- NGYTTCGGNNNANAGNNNNCCG	
ARP-1_M00155	3.3604e-03	-GAGGCCAGNG----- WRGGKTCARGGYTC	
HNF4_M01031	3.4164e-03	----CNCTGGCCTC NTGRMCTTTGNNC--	

M67



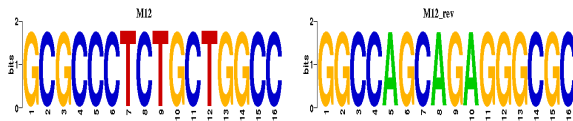
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BRK_M01096	7.4943e-05	CCCTKGCAG --NTGGCG--	
RFX1_M00280	1.9480e-04	----CCCTKGCAG--- NGTNRCNWRGYAACNN	
p53_M00034	2.3451e-04	-----CCCTKGCAG--- RGACATGCCCGGGCATGTC	
RFX1_M00281	4.0732e-04	---CTGCMAGGG----- NNGTTRCYANNGYNACN	
TGIF_M00418	6.7284e-04	-CTGCMAGGG GCTGTCANNW	
PacC_M00247	1.6701e-03	-----CCCTKGCAG- NNNNNNKCYTGCCNGN	
EBF_M00977	1.8543e-03	CTGCMAGGG-- -NCYCWRGGGA	
CG1_M00440	1.8839e-03	CTGCMAGGG-- -TGNCACGTGN	
Pax-6_M00979	3.0566e-03	--CCCTKGCAG-- TGACCTGGAAC TM	
bZIP910_M00356	3.2801e-03	---CCCTKGCAG ATGACGTGGCM-	

M8

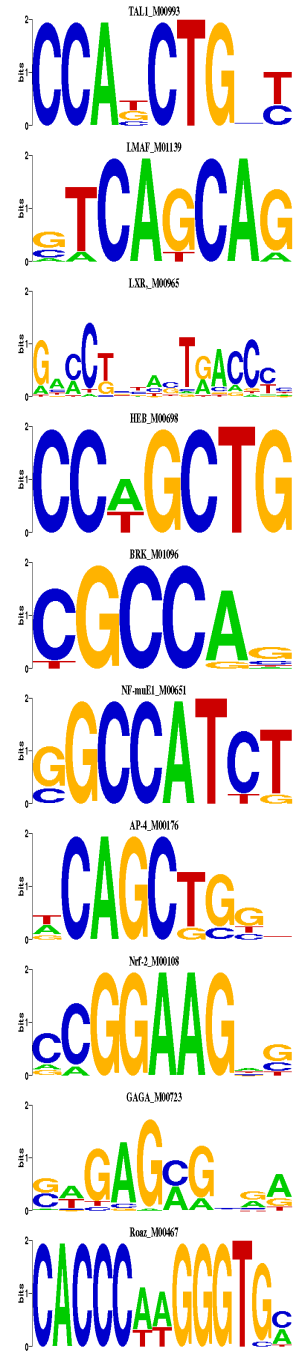


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	6.7229e-07	GCGCCCCCTGCTGG -----CCWGCTG-	
E12_M00693	3.2493e-06	CCAGCAGGGGGCGC ---RCAGGTGNNN-	
ZF5_M00333	4.0094e-05	----GCGCCCCCTGCTGG NWGC GCGYNYN-----	
LMAF_M01139	1.0700e-04	GCGCCCCCTGCTGG- -----CTGCTGAS	
Egr_M00807	1.4017e-04	-GCGCCCCCTGCTGG NYYGCSCCCA-----	
TAL1_M00993	1.5166e-04	GCGCCCCCTGCTGG ---CCANCTGNY--	
MyoD_M00001	2.3312e-04	GCGCCCCCTGCTGG -NRNCACCTGNN--	
STRE_M00308	2.6062e-04	GCGCCCCCTGCTGG ---NCCCCT-----	
KROX_M00982	6.0417e-04	CCAGCAGGGGGCGC -GNNGNGGGGGCGG	
Churchill_M00986	7.3544e-04	GCGCCCCCTGCTGG ---NNCC-----	

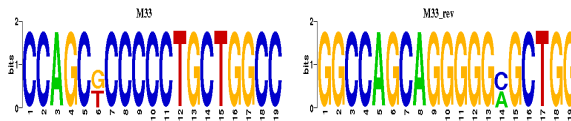
M12



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
TAL1_M00993	6.0395e-06	GGCCAGCAGAGGGCGC ----RNCAGNTGG----
LMAF_M01139	1.1636e-05	GCGCCCTCTGCTGGCC -----CTGCTGAS--
LXR_M00965	2.6435e-05	--GGCCAGCAGAGGGCGC NRGGTYANNNNAGGNC--
HEB_M00698	4.2272e-04	GCGCCCTCTGCTGGCC -----CAGCWGG--
BRK_M01096	4.2978e-04	GCGCCCTCTGCTGGCC -----NTGGCG
NF-muE1_M00651	7.4130e-04	GCGCCCTCTGCTGGCC -GGCCATCT-----
AP-4_M00176	8.2844e-04	GGCCAGCAGAGGGCGC -NNCAGCTGN-----
Nrf-2_M00108	8.5732e-04	GCGCCCTCTGCTGGCC -----SNCTTCCGG--
GAGA_M00723	1.1934e-03	GCGCCCTCTGCTGGCC TYNCKCTCWS-----
Roaz_M00467	1.4081e-03	GCGCCCTCTGCTGGCC KCACCCCTGGGTG----

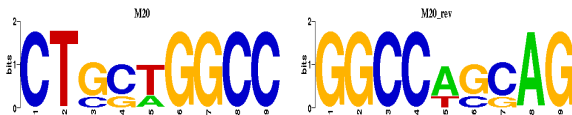





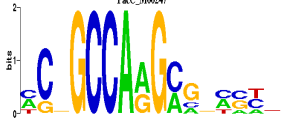


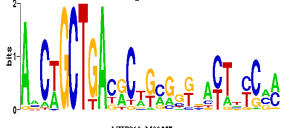



M33



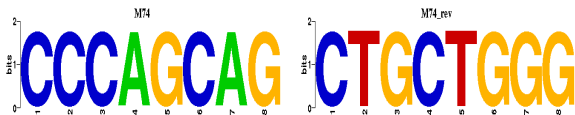
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	2.2709e-06	CCAGCKCCCCCTGCTGGCC -----CCWGCTG---	
LMAF_M01139	2.0310e-05	CCAGCKCCCCCTGCTGGCC -----CTGCTGAS-	
E12_M00693	5.8859e-05	GGCCAGCAGGGGGMGCTGG -----RCAGGTGNNN----	
AtMYB-84_M00970	9.3745e-05	GGCCAGCAGGGGGMGCTGG -----GGNGGTAGGTGS	
TAL1_M00993	5.3813e-04	CCAGCKCCCCCTGCTGGCC -----CCANCTGNY----	
STRE_M00308	5.4675e-04	CCAGCKCCCCCTGCTGGCC -----NCCCCT-----	
BRK_M01096	6.3782e-04	CCAGCKCCCCCTGCTGGCC -----NTGGCG	
AP-2_M00189	8.4903e-04	GGCCAGCAGGGGGMGCTGG -NCCCSCNGGCG-----	
LBP-1_M00644	8.5535e-04	CCAGCKCCCCCTGCTGGCC SCAGCN-----	
ZF5_M00333	1.3741e-03	-CCAGCKCCCCCTGCTGGCC NWGCGCGYNYNY-----	






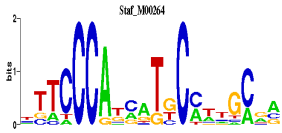



M20



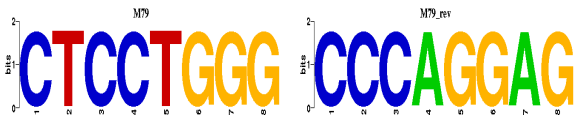
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.3008e-06	CTGCTGGCC CTGCTGAS-	
HEB_M00698	2.0923e-05	CTGCTGGCC CAGCWGG--	
BRK_M01096	9.1780e-05	CTGCTGGCC ---NTGGCG	
PacC_M00247	2.6058e-04	-----CTGCTGGCC-- NNNNNNKCYTGCCNGN	
NF-muE1_M00651	4.4518e-04	CTGCTGGCC -AGATGGCC	
AP-4_M00176	1.2331e-03	GGCCAGCAG- -NNCAGCTGN	
Bel-1_M00312	1.8511e-03	-----GGCCAGCAG-- KNGRNAGTNMNCKCWGYRTCAGCAGNT	
bZIP910_M00357	1.9133e-03	-GGCCAGCAG- ACGTCAGCAYS	
HAC1_M00730	2.2179e-03	---CTGCTGGCC GACACGCTGKC-	
ACAAT_M00309	2.6187e-03	GGCCAGCAG- --CCACCAAT	

M74

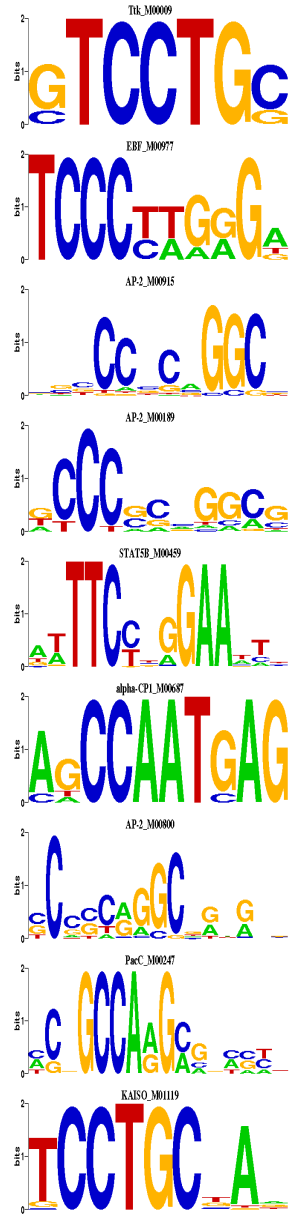


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.4112e-06	CTGCTGGG CTGCTGAS	
HEB_M00698	9.6224e-06	CTGCTGGG CAGCWGG-	
AP-4_M00176	9.1894e-05	CCCAGCAG- NNCAGCTGN	
LUN-1_M00480	1.6407e-04	-----CTGCTGGG TCCCAAAGTAGCTGGG	
CAC-binding_M00720	1.6661e-04	CCCAGCAG CCCASCCY	
Muscle_M00321	2.5169e-04	--CTGCTGGG----- NNCNSNKGNGTGNNNNNNNN	
Staf_M00264	5.1131e-04	-----CTGCTGGG--- NNGCNNKGNANNNTGGGANN	
TAL1_M00993	5.9316e-04	--CTGCTGGG RNCAGNTGG-	
HEN1_M00068	6.9771e-04	-----CTGCTGGG----- NNNGGNCNCAGCTGNGNCNN	
Nrf-2_M00821	9.6964e-04	-----CCCAGCAG NNTGACTCAGCA-	

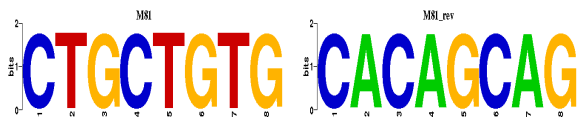
M79





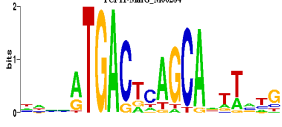


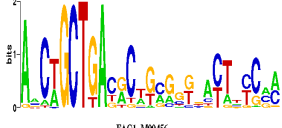
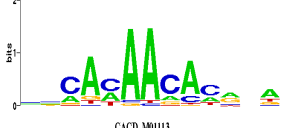



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
Muscle_M00321	2.9298e-05	--CTCCTGGG----- NNCNSNKGNGTGNNNNNNNN
Ttk_M00009	1.6619e-04	CTCCTGGG GTCCTGC-
EBF_M00977	2.0699e-04	-CCCAGGAG- NCYCWRGGGA
AP-2_M00915	2.2525e-04	CTCCTGGG---- NGCCNGNGGNNN
AP-2_M00189	3.5849e-04	---CCCAGGAG NCCSCNGGCG
STAT5B_M00459	3.8953e-04	----CCCAGGAG-- NRNTTCNGGAAWN
alpha-CP1_M00687	6.0436e-04	CTCCTGGG-- CTCATGGCT
AP-2_M00800	1.1604e-03	----CTCCTGGG-- NNYNYNGCCYGSSGS
PacC_M00247	1.2996e-03	----CTCCTGGG--- NNNNNNKCYTGGCNGN
KAISO_M01119	1.5352e-03	--CCCAGGAG NTNGCAGGA-

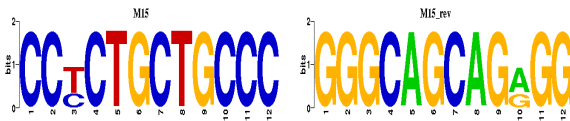


M81



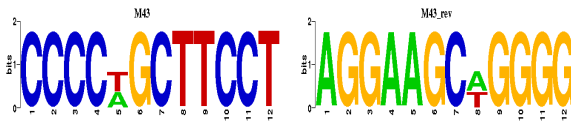
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	1.4112e-06	CTGCTGTG CTGCTGAS	
HEB_M00698	2.0455e-05	-CTGCTGTG CCWGCTG--	
Nrf-2_M00821	1.5825e-04	-----CACAGCAG NNTGACTCAGCA-	
AP-4_M00005	1.6064e-04	-----CACAGCAG----- MNGNCNNCAGCTGNNNN	
TCF11-MafG_M00284	8.3223e-04	-----CACAGCAG----- NNNNATGACNCAGCANNNTNG	
AP-4_M00176	1.1809e-03	--CTGCTGTG NNCAGCTGN-	
AP-4_M00927	1.4995e-03	CACAGCAG- -RCAGCTGN	
Bel-1_M00312	1.6172e-03	-----CACAGCAG----- KNGRNAGTNMCKCWGYRTCAGCAGNT	
FAC1_M00456	2.2880e-03	---CTGCTGTG--- NNNNTGTTKTGNN	
CACD_M01113	2.3683e-03	CACAGCAG CACRCC-	

M15



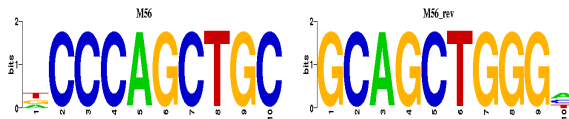
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	2.6679e-06	CCTCTGCTGCCC ---CTGCTGAS-	
LXR_M00965	3.0425e-05	--GGGCAGCAGAGG-- NRGGTYANNNNAGGNC	
HEB_M00698	6.4202e-05	GGGCAGCAGAGG ---CAGCWGG--	
Adf-1_M00171	1.6302e-04	CCTCTGCTGCCC---- -CGCYGCGYNGCNKN	
AP-4_M00927	4.0313e-04	GGGCAGCAGAGG --RCAGCTGN--	
TAL1_M00993	4.8450e-04	-CCTCTGCTGCCC CCANCTGNY----	
HNF4_M01033	5.6488e-04	CCTCTGCTGCCC -----TGNNC	
HEN1_M00068	6.5602e-04	----CCTCTGCTGCCC---- NNGGNCNCAGCTGNGCCNNN	
LBP-1_M00644	7.2570e-04	GGGCAGCAGAGG --SCAGCN----	
Eve_M00629	8.6121e-04	--CCTCTGCTGCCC NWSSNCNGC-----	

M43



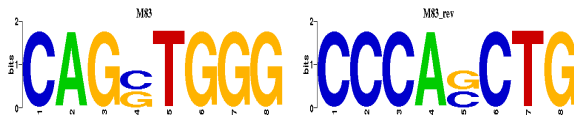
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
c-Ets-1_M00743	1.0199e-07	CCCCWGCTTCCT -----GCTTCCK	
NERF1a_M00531	1.3496e-06	--CCCCWGCTTCCT-- SNNASNYRCTTCCTGNY	
GCR1_M00046	1.5985e-06	-AGGAAGCWGGGG GWGGAAGC-----	
Ets_M00971	6.6196e-06	-AGGAAGCWGGGG NAGGAAG-----	
HEB_M00698	7.6482e-06	AGGAAGCWGGGG ---CAGCWGG--	
LUN-1_M00480	8.0852e-06	-----AGGAAGCWGGGG TCCCAAAGTAGCTGGG-	
PU.1_M00658	8.5348e-06	CCCCWGCTTCCT- -----CTTCCTC	
Barbie_M00238	1.4499e-05	-CCCCWGCTTCCT- CMNNCNSCTTTNNN	
PEA3_M00655	1.5328e-05	AGGAAGCWGGGG MGGAWG-----	
Tel-2_M00678	8.5371e-05	-AGGAAGCWGGGG CAGGAAGTA-----	

M56



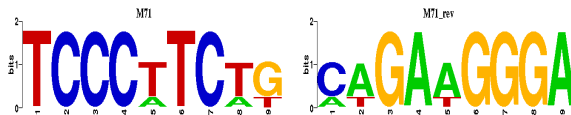
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	1.5685e-09	-GCAGCTGGGN RNCAGNTGG--	
HEB_M00698	1.8469e-09	GCAGCTGGGN -CAGCWGG--	
myogenin_M00712	3.3632e-08	GCAGCTGGGN NCAGSTG---	
AP-4_M00927	3.7981e-08	NCCCAGCTGC --NCAGCTGY	
HEN1_M00068	5.6276e-08	-----GCAGCTGGGN----- NNNGGNCNCAGCTGNGNCCNN	
AP-4_M00176	2.6646e-07	NCCCAGCTGC -NNCAGCTGN	
LBP-1_M00644	4.3866e-07	GCAGCTGGGN SCAGCN----	
LUN-1_M00480	6.7365e-07	NCCCAGCTGC----- -CCCAGCTACTTTGGGA	
HEN1_M00058	2.4444e-06	-----GCAGCTGGGN----- NNNGGNCGCAGCTGCGNCCNN	
AP-4_M00005	5.3058e-05	-----GCAGCTGGGN- MNGNCNNCAGCTGNNNN	











M83



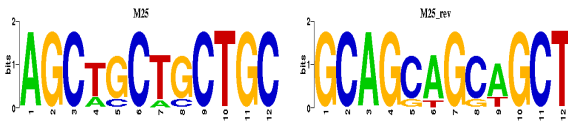
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEB_M00698	2.8409e-09	CAGSTGGG CAGCWGG-	
AP-4_M00176	9.5357e-08	CCCASCTG- NNCAGCTGN	
myogenin_M00712	1.9294e-07	CCCASCTG- --CASCTGN	
TAL1_M00993	3.9707e-07	--CAGSTGGG RNCAGNTGG-	
HEN1_M00068	1.2079e-06	-----CAGSTGGG----- NNNGGNCNCAGCTGNGNCNN	
LUN-1_M00480	2.5842e-06	-----CAGSTGGG TCCCAAAGTAGCTGGG	
CAC-binding_M00720	5.4443e-06	CCCASCTG CCCASCCY	
AP-4_M00927	7.9172e-06	-CAGSTGGG RCAGCTGN-	
MyoD_M00001	8.7913e-06	-CCCASCTG-- NRNCACCTGNN	
AP-4_M00005	2.6261e-05	-----CCCASCTG----- MNGNCNNCAGCTGNNNN	

M71



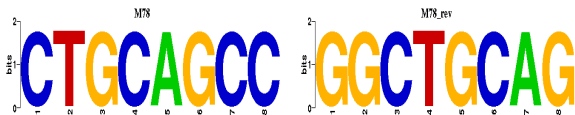
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GATA-4_M00632	4.6761e-05	--CAGAAGGGA GATANMAGRSA	
BLIMP1_M01066	8.9908e-05	-----TCCCTTCTG YMCTTTCMCTTYC-	
HEB_M00698	1.5121e-04	CAGAAGGGA CAGCWGG--	
HSF_M00167	3.9097e-04	--TCCCTTCTG--- NTTCNNTTCNNTTC	
TAL1_M00993	7.0043e-04	TCCCTTCTG-- --CCANCTGNY	
PEND_M01015	9.2319e-04	TCCCTTCTG --ACTTCTT	
EBF_M00977	1.0494e-03	-CAGAAGGGA NCYCWRGGGA	
IRF-1_M00747	2.1371e-03	CAGAAGGGA ---AANTGA	
SED_M01128	2.3247e-03	CAGAAGGGA- -NAAAGNNNA	
NF-muE1_M00651	2.9358e-03	TCCCTTCTG GGCCATCT-	

M25



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HEN1_M00058	2.1170e-06	-----AGCTGCTGCTGC--- NNNGGNCGCAGCTGCGNCCNN	
Adf-1_M00171	2.2387e-06	AGCTGCTGCTGC--- CGCYGCGYNGCNKN	
LBP-1_M00644	2.7426e-06	GCAGCAGCAGCT -----SCAGCN	
Adf-1_M00923	5.6937e-05	-GCAGCAGCAGCT----- SGCYGCMGYCGCTGMMNKYG	
LMAF_M01139	6.4383e-05	-GCAGCAGCAGCT STCAGCAG-----	
HEB_M00698	7.4219e-05	GCAGCAGCAGCT ----CAGCWGG-	
TAL1_M00993	7.8234e-05	GCAGCAGCAGCT --RNCAGNTGG-	
myogenin_M00712	8.3811e-05	AGCTGCTGCTGC --CASCTGN---	
AP-4_M00927	8.4132e-05	GCAGCAGCAGCT ---RCAGCTGN-	
Bel-1_M00312	1.2994e-04	AGCTGCTGCTGC----- ANCTGCTGAYRCWGMGNKNACTNYCNM	





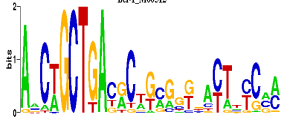




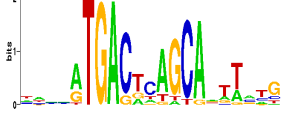
M78



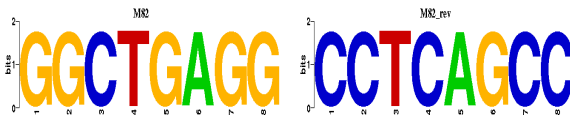
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<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Adf-1_M00923	1.6376e-06	-----GGCTGCAG-- CRMNKKCAGCGRCKGCRGCS	
RCS1_M00753	8.7287e-05	----GGCTGCAG AANTGGGTGCAK	
LBP-1_M00644	9.9357e-05	CTGCAGCC --SCAGCN	
Adf-1_M00171	1.0112e-04	--GGCTGCAG----- NMNGCNRCRGCRGCG	
ERF2_M01057	2.6381e-04	GGCTGCAG GGCGGC--	
SMAD4_M00733	2.9034e-04	----GGCTGCAG-- RGNTGKCTGNMYSN	
LMAF_M01139	3.3754e-04	CTGCAGCC CTGCTGAS	
HEN1_M00058	4.7353e-04	-----CTGCAGCC-- NNNGGNCGCAGCTGCGNCCNN	
ZBRK1_M01105	5.7072e-04	-----CTGCAGCC AAANNCTGCKSCC	
Dde_M00304	9.3263e-04	GGCTGCAG GGCTGAGC	











M62



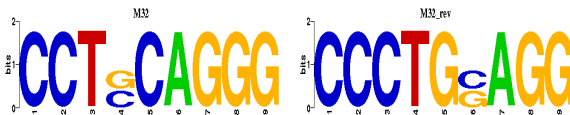
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
LMAF_M01139	6.8805e-08	CTGCTSAGGA CTGCTGAS--	
Nrf-2_M00821	7.8022e-05	---TCCTSAGCAG NNTGACTCAGCA-	
bZIP910_M00357	9.4140e-05	-CTGCTSAGGA SRTGCTGACGT	
Dde_M00304	1.7613e-04	CTGCTSAGGA -GGCTGAGC-	
Bel-1_M00312	2.0808e-04	-----TCCTSAGCAG-- KNGRNAGTNMNCKCWGYRTCAGCAGNT	
v-Maf_M00035	3.9466e-04	--CTGCTSAGGA----- NNNTGcNNNGTCAGCANN	
HEB_M00698	6.4155e-04	TCCTSAGCAG- ----CAGCWGG	
AP-2alphaA_M01047	1.1270e-03	---TCCTSAGCAG- ANMGcCTNAGGCKN	
CDC5_M00361	1.1715e-03	-CTGCTSAGGA NSCGCTGAGS-	
TCF11-MafG_M00284	1.5807e-03	-----CTGCTSAGGA----- CNNANNTGCTGNGTCATNNNN	

M82



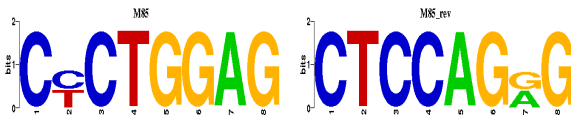
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Dde_M00304	7.7025e-10	GGCTGAGG GGCTGAGC	
CDC5_M00361	1.0686e-05	--GGCTGAGG NSCGCTGAGS	
AP-2alphaA_M01047	2.5536e-05	---GGCTGAGG--- ANMGCCTNAGGCKN	
MAF_M00983	3.0479e-05	---CCTCAGCC NTGACTCANC-	
NF-E2_M00037	3.7609e-05	GGCTGAGG--- -GCTGAGTCAY	
AP-2alphaA_M01045	9.2562e-05	----CCTCAGCC-- NNNSCCTNAGGCNN	
Nrf-2_M00821	1.1571e-04	----CCTCAGCC NNTGACTCAGCA	
bZIP910_M00357	1.7802e-04	-CCTCAGCC-- ACGTCAGCAYS	
LMAF_M01139	4.2180e-04	CCTCAGCC- -STCAGCAG	
v-Maf_M00035	4.4262e-04	---GGCTGAGG----- NNNTGCNNNGTCAGCANN	


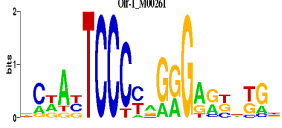

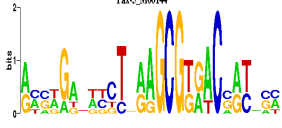





M32



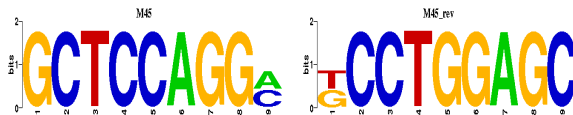
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<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
AP-2_M00189	2.8824e-04	-CCCTGSAGG- CGCCNGSGGGN	
ZAP1_M00754	3.1034e-04	-CCTSCAGGG ACCTTKAGGG	
Ttk_M00009	8.5378e-04	CCTSCAGGG- ---GCAGGAC	
Muscle_M00324	1.9418e-03	----CCTSCAGGG----- KSCNSYKGNRTGRNGNCNNN	
LXR_M00766	2.0222e-03	----CCCTGSAGG-- GGGTTACTNNCGGTC	
Muscle_M00323	2.4172e-03	----CCTSCAGGG----- KSCNSCTGNRTGGNGNCNNN	
HEB_M00698	2.5874e-03	CCTSCAGGG -CAGCWGG-	
LXR_M00647	2.6646e-03	----CCCTGSAGG--- GGGGTYACTNNGGTCA	
MAZ_M00649	3.5441e-03	-CCTSCAGGG CCCTCCC---	
AP-2_M00800	3.7352e-03	-----CCCTGSAGG NNYNYNGCCYGSSGS	


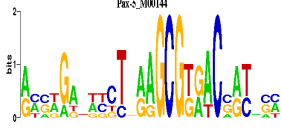
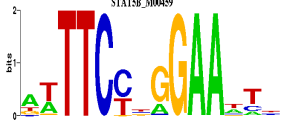





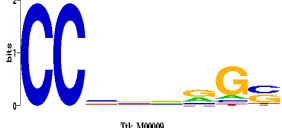

M85



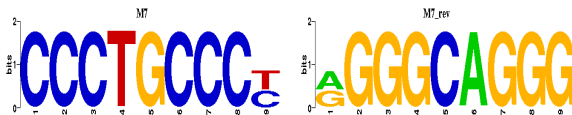
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
HSF_M00641	2.1324e-05	-----CYCTGGAG GAARCYNCKNGA-	
Olf-1_M00261	1.0465e-04	-----CYCTGGAG----- NCMNNYTCCCNRGGGANTNGN	
BRK_M01096	2.0178e-04	CYCTGGAG --NTGGCG	
Pax-5_M00144	3.6576e-04	-----CTCCAGRG----- NNNRYNGTYMCGCTYNANNNNNNCNNNY	
EBF_M00977	7.3421e-04	-CYCTGGAG- NCYCWRGGGA	
RP58_M00532	8.6189e-04	CTCCAGRG---- -TCCAGATGTTN	
Pax-6_M00979	1.0323e-03	---CTCCAGRG-- KAGTTCCAGGTCA	
STAT5B_M00459	2.2983e-03	---CYCTGGAG--- NWTCCNGGAANYN	
Barbie_M00238	3.8155e-03	-CTCCAGRG----- CMNNCNSCTTTNNN	
Muscle_M00321	6.4510e-03	--CTCCAGRG----- NNCNSNKGNGTGNNNNNNNNN	





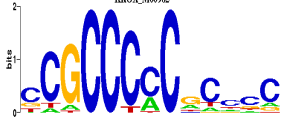

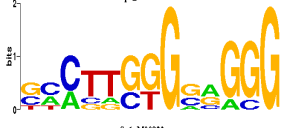
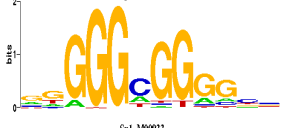
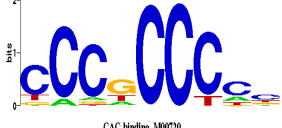

M45



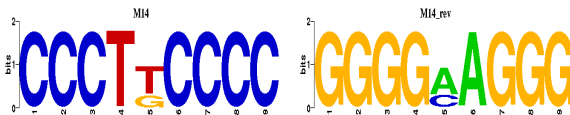
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Pax-6_M00979	1.2421e-05	--KCCTGGAGC-- TGACCTGGAACM	
Pax-5_M00144	2.1469e-05	-----GCTCCAGGM----- NNNRYNGTYMCGCTYNANNNNNNCNNNY	
STAT5B_M00459	1.1770e-04	--GCTCCAGGM--- NRNTTCCNGGAAWN	
BRK_M01096	3.9634e-04	KCCTGGAGC --NTGGCG--	
AP-2_M00915	4.5785e-04	-KCCTGGAGC-- NGCCNGNGGNNN	
STAT5A_M00457	9.7869e-04	----KCCTGGAGC- NRNTTCCNRGAANY	
STATx_M00223	1.0557e-03	GCTCCAGGM -TTYGGGA	
ZID_M00085	1.1776e-03	--KCCTGGAGC- GRTGATRGAGCC	
AP-2alpha_M00469	2.6003e-03	GCTCCAGGM SCNNNNGG-	
Ttk_M00009	3.1340e-03	GCTCCAGGM- ---GCAGGAC	

M7



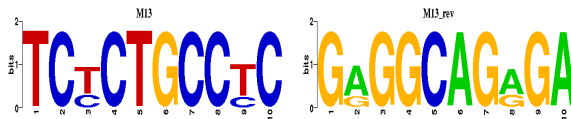
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GC_M00255	3.1544e-07	-RGGGCAGGG--- NNGGGCGGGGCNN	
Sp1_M00196	3.1896e-07	-RGGGCAGGG-- NNGGGCGGGGNN	
Sp1_M00931	4.0826e-07	-CCCTGCCCY NCCCCGCC-	
UF1H3BETA_M01068	9.9590e-07	--RGGGCAGGG-- GYGGGGGAGGGGC	
KROX_M00982	2.7098e-06	RGGGCAGGG---- GNNGNGGGGGCGG	
MAZ_M00649	4.5132e-06	CCCTGCCCY CCCTCCC--	
Sp3_M00665	7.4504e-06	CCCTGCCCY---- CCCYSCCAAGKS	
Sp1_M00932	1.0687e-05	--CCCTGCCCY- NNCCCCGCCNN	
Sp1_M00933	1.0771e-05	-RGGGCAGGG NGGGGMGGG-	
CAC-binding_M00720	2.0059e-05	RGGGCAGGG -RGGSTGGG	

M14



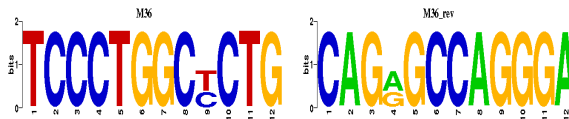
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
UF1H3BETA_M01068	1.7993e-08	---GGGGAAGGG-- GYGGGGGAGGGGC	
Sp1_M00196	1.2550e-06	--CCCTTCCCC-- NNCCCCGCCCCN	
GC_M00255	2.4166e-06	---CCCTTCCCC-- NNGCCCCGCCCN	
PU.1_M00658	4.4283e-06	CCCTTCCCC --CTTCTC	
MAZ_M00649	9.5450e-06	CCCTTCCCC -CCCTCCC-	
KROX_M00982	2.1871e-05	GGGGAAGGG---- GNNNGGGGGCGG	
VDR_M00444	2.5022e-05	-----CCCTTCCCC TSWCCYYNYTNMCC	
AtMYB-84_M00970	2.7445e-05	-GGGGAAGGG-- GGNGGTAGGTGS	
Sp1_M00933	2.8108e-05	CCCTTCCCC-- -CCCKCCCCN	
Sp1_M00931	3.7056e-05	-CCCTTCCCC NCCCCGCC-	

M13



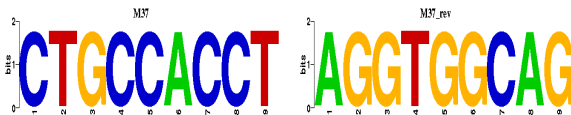
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	2.7273e-05	TCTCTGCCTC ---CTTCCTC	
GC_M00255	7.6806e-05	--TCTCTGCCTC-- NNGCCCCGCCNN	
Dde_M00304	8.7980e-05	GAGGCAGAGA --GGCTGAGC	
SMAD3_M00701	1.2356e-04	GAGGCAGAGA -AGNCAGAC-	
SMAD4_M00733	1.3670e-04	-GAGGCAGAGA--- NSRKNCAGMCANCY	
TFII-I_M00706	2.1761e-04	GAGGCAGAGA GANGKAGG--	
CAC-binding_M00720	2.4928e-04	TCTCTGCCTC -CCCASCCY-	
Sp1_M00196	3.3485e-04	-TCTCTGCCTC- NNCCCCGCCCN	
MAZ_M00649	4.4218e-04	TCTCTGCCTC -CCCTCCC--	
Zta_M00711	6.8478e-04	-GAGGCAGAGA- TGWYCANNNTN	







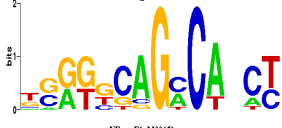



M36



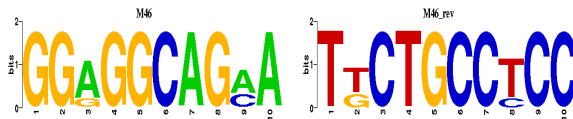
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
NRSF_M01028	1.0811e-04	-CAGRGCCAGGGA----- TCAGCACCRYGGACAGNR	
NRSF_M00256	1.5684e-04	-----TCCCTGGCYCTG- GSYGCTGTCCGTGGTGCTGA	
BRK_M01096	1.8791e-04	TCCCTGGCYCTG ---NTGGCG---	
alpha-CP1_M00687	1.2828e-03	CAGRGCCAGGGA- ---AGCCAATGAG	
LF-A1_M00646	1.9132e-03	CAGRGCCAGGGA YWGASCC-----	
Pax-5_M00143	2.5195e-03	-----TCCCTGGCYCTG- NNSYSGCMYNCWNCNNTGMNYYNNG	
Pax-9_M00329	2.5925e-03	-----TCCCTGGCYCTG NGNSNNCNCNCNNTGSNTNW-	
CACCC-binding_M00721	4.2895e-03	--TCCCTGGCYCTG- ANCMNNWGGGTGNGG	
E2A_M00804	4.6279e-03	TCCCTGGCYCTG- CACCTGNCNCNKN	
Eve_M00629	4.6284e-03	-CAGRGCCAGGGA GCNGNSSWN----	





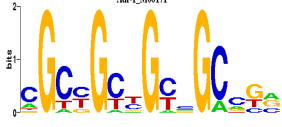



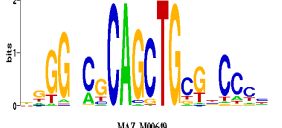

M37



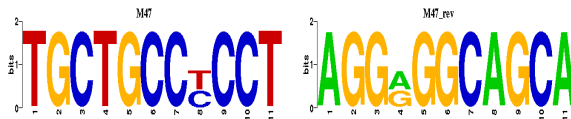
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CG1_M00440	8.2439e-06	CTGCCACCT-- -TGNCACGTGN	
bZIP910_M00356	1.9656e-05	CTGCCACCT--- -KGCCACGTTCAT	
GBP_M00182	2.3607e-05	CTGCCACCT--- -KGNSACGTSNN	
ROM_M00700	2.5153e-05	--AGGTGGCAG TGASGTGG---	
E12_M00693	2.6046e-05	CTGCCACCT-- -NNNCACCTGY	
GBF_M00441	2.9395e-05	CTGCCACCT--- -KGCCACGTGGC	
SMAD4_M00733	4.2944e-05	AGGTGGCAG----- RGNTGKCTGNMYSN	
NF-muE1_M00651	4.8354e-05	AGGTGGCAG AGATGGCC-	
HBP-1b_M00697	5.8337e-05	---AGGTGGCAG- NTGACGTGNCNGA	
ABF1_M00399	1.6846e-04	----CTGCCACCT----- NNTCNGGCCACGTGTCCCNNNNW	



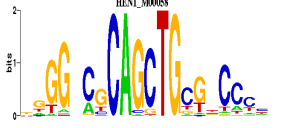







M46



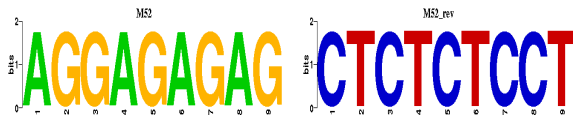
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PU.1_M00658	2.5962e-05	TTCTGCCTCC --CTTCTC-	
SMAD3_M00701	3.3745e-05	GGAGGCAGAA --AGNCAGAC	
SMAD4_M00733	1.0482e-04	----TTCTGCCTCC RGNTGKCTGNMYSN	
v-Maf_M00035	2.2719e-04	--TTCTGCCTCC----- NNTGCTGACNNNGCANNN	
Adf-1_M00171	2.3424e-04	--GGAGGCAGAA--- NMNGCNRRCRGCRGCG	
GCR1_M00046	3.1886e-04	GGAGGCAGAA -GWGGAAGC-	
Egr_M00807	3.2613e-04	TTCTGCCTCC- -NYYGCSCCCA	
TFII-I_M00706	5.4521e-04	TTCTGCCTCC -CCTMCNTC-	
HEN1_M00058	1.1230e-03	-----TTCTGCCTCC--- NNGGNCGCAGCTGCGNCCNNN	
MAZ_M00649	1.1407e-03	TTCTGCCTCC- ----CCCTCCC	


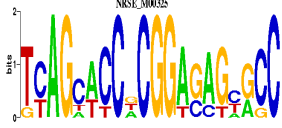

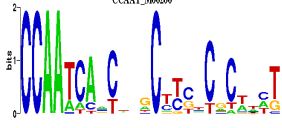
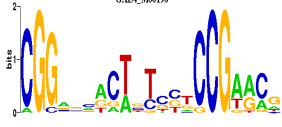



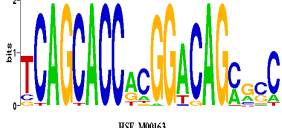

M47



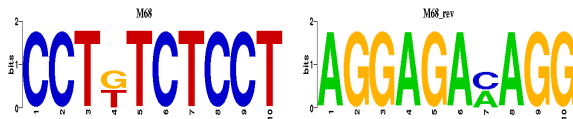
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Egr_M00807	3.8878e-06	TGCTGCCYCCT -NYYGCSCCCA	
Adf-1_M00171	3.6255e-05	-AGGRGGCAGCA--- NMNGCNRCRGRGCG	
HEN1_M00058	1.1921e-04	-----TGCTGCCYCCT-- NNGGNCGCAGCTGCGNCCNNN	
SMAD4_M00733	1.3749e-04	----TGCTGCCYCCT RGNTGKCTGNMYSN-	
PU.1_M00658	1.6322e-04	TGCTGCCYCCT --CTTCCTC--	
v-Maf_M00035	1.8406e-04	--TGCTGCCYCCT----- NNTGCTGACNNGCANNN	
GCR1_M00046	2.5380e-04	AGGRGGCAGCA --GWGGAAGC-	
HEN1_M00068	2.7707e-04	-----TGCTGCCYCCT-- NNGGNCNCAGCTGNGNCCNNN	
LBP-1_M00644	5.1225e-04	AGGRGGCAGCA -----SCAGCN	
LMAF_M01139	5.2252e-04	-TGCTGCCYCCT CTGCTGAS----	

M52



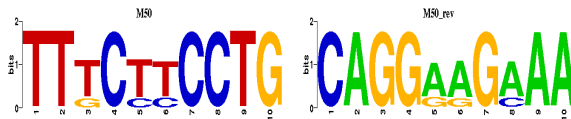
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GAGA_M00723	1.1635e-04	---CTCTCTCCT TYNCKCTCWS--	
NRSE_M00325	3.4626e-04	--CTCTCTCCT----- GGCRCTCTCCGNGGTGCTGA	
TFII-I_M00706	4.7197e-04	-CTCTCTCCT CCTMCNTC--	
CCAAT_M00200	5.6869e-04	-----AGGAGAGAG----- ANNWGNNGNRRGNNGNTGATTGG	
GAL4_M00198	5.6950e-04	-----AGGAGAGAG----- NGYTCGGNNNANAGNNNNCCG	
TBX5_M01044	8.8096e-04	CTCTCTCCT- -TCACACCTT	
MAZ_M00649	1.0494e-03	AGGAGAGAG GGGAGGG--	
ARF_M00438	2.5373e-03	AGGAGAGAG --GAGACAA	
NRSF_M00256	3.4753e-03	-----AGGAGAGAG-- TCAGCACCACGGACAGCRSC	
HSF_M00163	3.7583e-03	-CTCTCTCCT---- NTTCTNTTCTNTTC	











M68



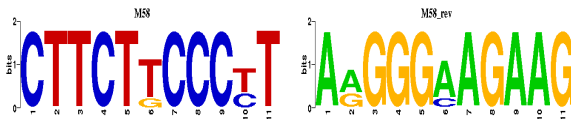
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ARF_M00438	2.0779e-05	AGGAGAMAGG --GAGACAA-	
E2A_M00804	1.3454e-04	--CCTKTCTCCT- CACCTGNCNCNKN	
SMAD3_M00701	2.3989e-04	AGGAGAMAGG- ---AGNCAGAC	
PBF_M01130	2.5685e-04	CCTKTCTCCT CCTTT-----	
PU.1_M00658	5.1072e-04	AGGAGAMAGG --GAGGAAG-	
E2A_M00973	5.2040e-04	-CCTKTCTCCT ANCTGNY-----	
BLIMP1_M01066	5.5588e-04	-CCTKTCTCCT-- YMCTTTCMCTTYC	
BPC1_M01126	9.9916e-04	CCTKTCTCCT -NTTTC-----	
ABF1_M00399	1.2771e-03	-----CCTKTCTCCT--- NNTCNNGCCACGTGTCCNNNW	
PPARalpha-RXRalpha_M00242	1.8385e-03	-----AGGAGAMAGG--- WRAWCTAGGNCAAAGGTCA	

M50

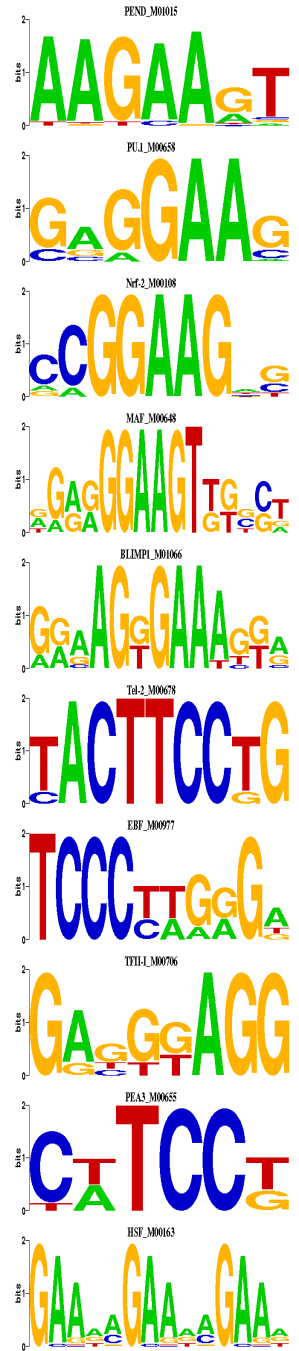


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	4.1329e-09	CAGGAAGAAA CAGGAAGTA-	
c-Ets-2_M00340	3.7660e-07	-CAGGAAGAAA-- RCAGGAAGTNNNT	
Nrf-2_M00108	3.4315e-06	CAGGAAGAAA CCGGAAGNS-	
Ets_M00971	3.8764e-06	CAGGAAGAAA NAGGAAG---	
PU.1_M00658	4.5367e-06	CAGGAAGAAA GAGGAAG---	
Rim101p_M01030	6.8513e-06	TTTCTTCCTG TTNCTTG---	
Ets_M00771	1.3722e-05	CAGGAAGAAA- CAGGAAGYNNN	
PEA3_M00655	2.0067e-05	CAGGAAGAAA -MGGAWG---	
c-Ets-1_M00743	2.6509e-05	TTTCTTCCTG --GCTTCK-	
NERF1a_M00531	7.3856e-05	-----TTTCTTCCTG-- SNNASNYRCTTCTGNY	

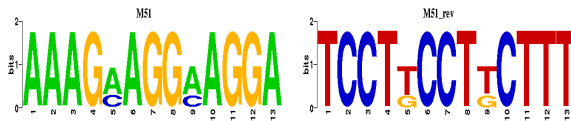
M58



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
PEND_M01015	5.1930e-06	-CTTCTTCCCTT ACTTCTT-----
PU.1_M00658	2.0661e-05	CTTCTTCCCTT CTTCCTC----
Nrf-2_M00108	3.4415e-04	AAGGGAAGAAG -CCGGAAGNS-
MAF_M00648	4.1569e-04	-AAGGGAAGAAG--- NGRRGGAAGTKKNSN
BLIMP1_M01066	7.0975e-04	--AAGGGAAGAAG GRAAGKGAAGKR
Tel-2_M00678	1.0598e-03	AAGGGAAGAAG -CAGGAAGTA-
EBF_M00977	1.5558e-03	----AAGGGAAGAAG NCYCWRRGGGA-----
TFII-I_M00706	1.5749e-03	CTTCTTCCCTT ---CCTMCNTC
PEA3_M00655	1.6206e-03	AAGGGAAGAAG --MGGAWG---
HSF_M00163	1.6249e-03	CTTCTTCCCTT--- NTTCTNTTCTNTTC

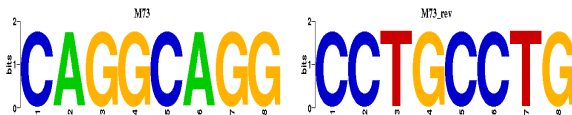


M51



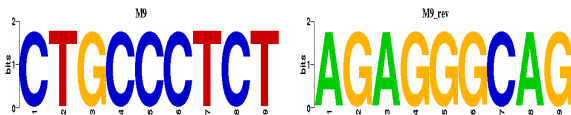
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	1.1936e-05	AAAGAAGGAAGGA ----CAGGAAGTA	
PEND_M01015	1.5462e-05	AAAGAAGGAAGGA -AAGAAGT-----	
Ets_M00971	1.6680e-05	AAAGAAGGAAGGA ----NAGGAAG--	
PU.1_M00658	2.1310e-05	TCCTTCCTTCTTT --CTTCCTC----	
PEA3_M00655	3.8866e-05	AAAGAAGGAAGGA -----MGGAWG--	
c-Ets-1_M00743	8.5748e-05	TCCTTCCTTCTTT -GCTTCK-----	
AG_M01133	3.6594e-04	----AAAGAAGGAAGGA TWNCAAAA WGGNAAN-	
MAF_M00648	3.7393e-04	AAAGAAGGAAGGA---- --NGRRGGAAGTKKNSN	
GATA-4_M00632	3.7844e-04	TCCTTCCTTCTTT- ---TSYCTKNTATC	
KAISO_M01119	8.1501e-04	AAAGAAGGAAGGA NTNGCAGGA-----	

M73



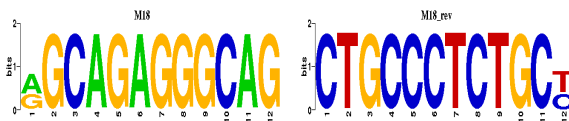
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
E2A_M00973	1.1361e-05	CAGGCAGG- --RNCAGNT	
Tel-2_M00678	4.9645e-05	CAGGCAGG- CAGGAAGTA	
TFII-I_M00706	1.1078e-04	CAGGCAGG GANGKAGG	
E2A_M00804	1.1137e-04	---CAGGCAGG--- NMNGNGNCAGGTG	
CAC-binding_M00720	2.2030e-04	-CCTGCCTG CCCASCCY-	
Ttk_M00009	2.3215e-04	--CCTGCCTG GTCCTGC---	
E47_M00002	2.4908e-04	-----CCTGCCTG NNNNACACCTGCNS-	
Adf-1_M00923	3.4559e-04	--CAGGCAGG----- CRMNKKCAGCGRCKGCRGCS	
Ets_M00771	4.9584e-04	---CCTGCCTG NNNRCTTCC TG	
MAZ_M00649	8.5247e-04	-CCTGCCTG CCCTCCC--	

M9



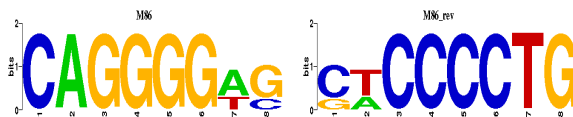
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAF_M00648	2.0859e-05	-----CTGCCCTCT NSNMMACTTCCYYCN	
COUPTF_M01036	2.9427e-05	-----CTGCCCTCT--- NNNNTGACCTTTNNMCNYNNMN	
NF-muE1_M00651	4.8354e-05	CTGCCCTCT -GGCCATCT	
HNF4_M01033	1.8795e-04	CTGCCCTCT -TGNNC---	
YY1_M00069	4.5340e-04	--CTGCCCTCT----- NNCNGCCATCTTGNNTSNW	
MAZ_M00649	4.8507e-04	-AGAGGGCAG GGGAGGG---	
GAL4_M00198	1.2770e-03	-----AGAGGGCAG----- NGYT CGGNNNANAGNNNNCCG	
GAL4_M00049	1.2970e-03	-----CTGCCCTCT--- NNCGGNNNACWNTNSTCCGAAS	
TFII-I_M00706	1.6898e-03	CTGCCCTCT CCTMCNTC-	
GAGA_M00723	1.7308e-03	-AGAGGGCAG SWGAGMGNRA	

M18



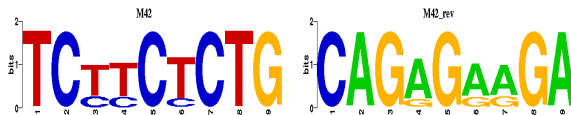
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
TAL1_M00993	2.0276e-07	RGCAGAGGGCAG RNCAGNTGG---	
COUPTF_M01036	3.6726e-07	-----CTGCCCTCTGCTG NNNNTGACCTTTNNMCNYNNMN	
PPAR_M00528	1.0767e-04	CTGCCCTCTGCTG----- -TGACCTTTGNCCNNNN	
HNF4alpha1_M00411	1.5076e-04	CTGCCCTCTGCTG-- NTGACCTTTGNCCY	
HNF4_M01031	1.5458e-04	-RGCAGAGGGCAG GNNCAAAGKYCAN	
NF-muE1_M00651	3.3329e-04	CTGCCCTCTGCTG -GGCCATCT---	
MTF-1_M00650	3.3688e-04	-RGCAGAGGGCAG GGGCCGNGTGCAN	
HNF4_M01033	5.6488e-04	CTGCCCTCTGCTG -TGNNC-----	
Dde_M00304	7.7460e-04	CTGCCCTCTGCTG ----GCTCAGCC	
HNF4_M00134	1.0500e-03	--CTGCCCTCTGCTG----- NNNTGNMCTTTGNNCYNN	









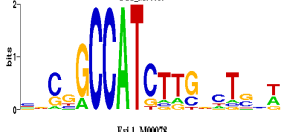

M86



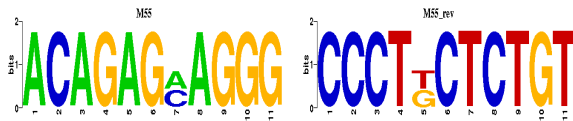
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
EBF_M00977	1.6599e-05	---CAGGGGAG NCYCWRGGGA-	
STRE_M00308	1.7502e-05	CTCCCCTG -NCCCCT-	
UF1H3BETA_M01068	7.8628e-05	----CTCCCCTG- GCCCTCCCCRC	
STRE_M00154	1.6619e-04	CTCCCCTG -NCCCCTN	
MZF1_M00083	4.0631e-04	CTCCCCTG -TCCCCNN	
Tra-1_M01048	4.0893e-04	--CTCCCCTG ACCWCC---	
MAZ_M00649	7.0306e-04	--CTCCCCTG CCCTCC---	
SZF1-1_M01109	7.2474e-04	-----CTCCCCTG CNGCTGWTACCCTG	
Roaz_M00467	8.7382e-04	-CTCCCCTG---- KCACCCTTGGGTG	
GBF_M00633	1.3047e-03	CAGGGGAG TNGGGGTN	

M42

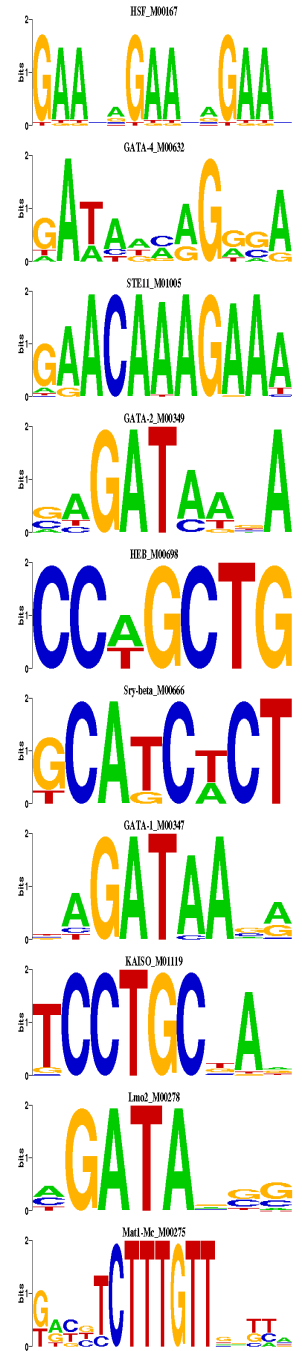


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GATA-2_M00349	7.5650e-07	TCTTCTCTG TNTTATCTS	
GATA-1_M00347	6.9620e-06	TCTTCTCTG YNTTATCTN	
GATA-3_M00350	8.2994e-06	TCTTCTCTG TNTTATCTY	
GATA-1_M00346	5.3751e-05	CAGAGAAGA NNGATAANN	
Alx-4_M00619	1.0479e-04	---TCTTCTCTG GATTATTCTCAG	
PR_M00960	1.1933e-04	CAGAGAAGA- -WNNGRACAN	
HSF_M00163	1.3267e-04	--TCTTCTCTG--- NTTCTNTTCTNTTC	
HSF_M00166	1.3267e-04	--TCTTCTCTG--- NTTCTNTTCTAGAA	
YY1_M00069	1.5782e-04	--CAGAGAAGA----- WNSANNCAAGATGGCNGNN	
Evi-1_M00078	1.6061e-04	---TCTTCTCTG--- TTATCTTATCTTRTC	

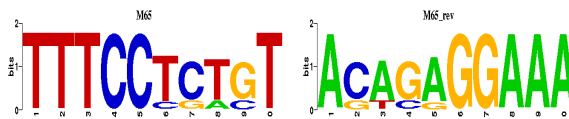
M55



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
HSF_M00167	2.0789e-05	-CCCTKCTCTGT-- NTTCNNTTCNNTTC
GATA-4_M00632	3.9927e-04	-CCCTKCTCTGT TSYCTKNATC-
STE11_M01005	4.5171e-04	CCCTKCTCTGT-- --TTTCTTTGTTC
GATA-2_M00349	1.3213e-03	CCCTKCTCTGT -TNTTATCTS-
HEB_M00698	1.6675e-03	ACAGAGMAGGG ---CAGCWGG-
Sry-beta_M00666	1.7483e-03	ACAGAGMAGGG --AGWGATGC-
GATA-1_M00347	3.1490e-03	CCCTKCTCTGT -YNTTATCTN-
KAISO_M01119	3.1829e-03	CCCTKCTCTGT TCCTGCNAN--
Lmo2_M00278	3.8619e-03	ACAGAGMAGGG --MGATANSG-
Mat1-Mc_M00275	4.7384e-03	-----ACAGAGMAGGG NRMNNAACAAAGANRYC

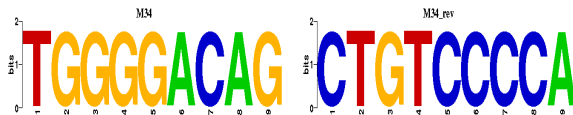



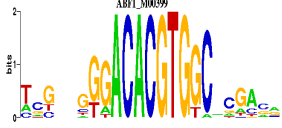








M65



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Elf-1_M00746	5.1819e-08	-TTTCCTCTGT AYTTCCTCTTN	
PU.1_M00658	1.5736e-06	TTTCCTCTGT CTTCCTC---	
XPF-1_M00684	3.4321e-06	TTTCCTCTGT GKTSNYCNG-	
AREB6_M00412	3.6019e-06	ACAGAGGAAA-- RNWCAGGTRNRN	
STE11_M01005	2.2507e-04	TTTCCTCTGT-- -TTTCTTTGTTT	
GCR1_M00046	3.1223e-04	ACAGAGGAAA- ---GWGGAAGC	
Helios_M01004	4.4653e-04	--TTTCCTCTGT NTTTTCTWN--	
Elk-1_M00007	5.6282e-04	-----TTTCCTCTGT NNGNACTTCKGTNN	
Pax-1_M00326	6.7025e-04	-----ACAGAGGAAA- ATATCTAGAGCGGAACG	
Ets_M00971	8.5045e-04	ACAGAGGAAA ---NAGGAAG	

M34



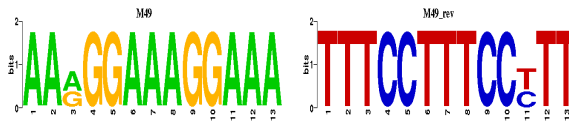
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
PPARalpha-RXRalpha_M00518	1.1660e-05	-CTGTCCCCA----- CNTSACCCCNATGACCNN	
ABF1_M00399	2.2368e-05	---TGGGGACAG----- WNNNNGGGACACGTGGCNGANN	
Egr_M00807	2.5017e-05	-CTGTCCCCA NYYGCSCCCA	
LF-A1_M00646	1.4488e-04	CTGTCCCCA YWGASCC--	
SREBP-1_M00749	1.9210e-04	TGGGGACAG TGGSGT---	
MZF1_M00083	3.9074e-04	CTGTCCCCA- ---TCCCCNN	
AP-4_M00005	7.9917e-04	CTGTCCCCA----- MNGNCNNCAGCTGNNNN	
OSBZ8_M00654	1.0481e-03	---TGGGGACAG- GWNISGCGACACG	
ARF_M00438	1.0579e-03	TGGGGACAG --GAGACAA	
NRSF_M01028	1.3427e-03	-----TGGGGACAG-- TCAGCACCRYGGACAGNR	

M64

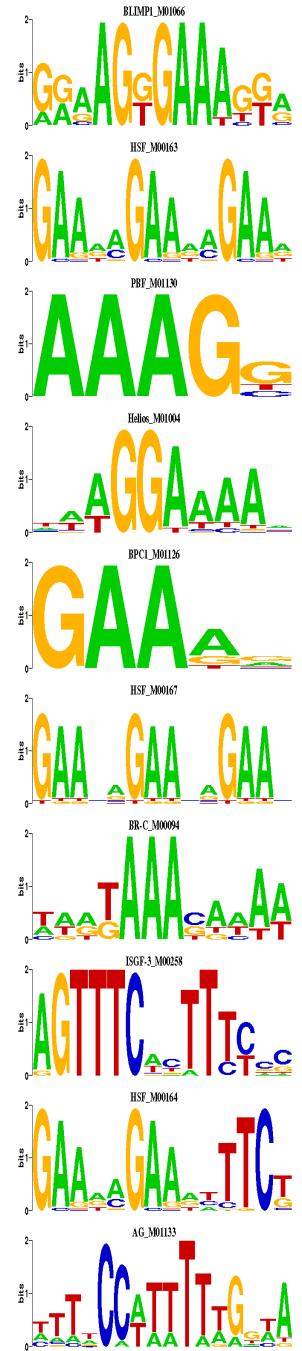


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
XPF-1_M00684	4.5416e-05	TTTCCCCAGT GKTSNYCNG-	
Olf-1_M00261	8.4600e-05	-----ACTGGGGAAA---- NCMNNYTCCNRRGGGANTNGN	
OSBZ8_M00654	2.0664e-04	-ACTGGGGAAA-- GWNTSGCGACACG	
RFX1_M00626	2.2108e-04	---ACTGGGGAAA GTTACYAGGCAAM	
SREBP-1_M00749	3.1581e-04	ACTGGGGAAA --TGGSGT--	
STAT1_M00492	5.2563e-04	-TTTCCCCAGT ANTTCCS----	
BRK_M01096	6.3579e-04	ACTGGGGAAA -NTGGCG---	
MZF1_M00083	8.4422e-04	TTTCCCCAGT --TCCCCNN-	
RBP-Jkappa_M01112	1.1371e-03	TTTCCCCAGT KTTCCCACGN	
EBF_M00977	1.4781e-03	--ACTGGGGAAA NCYCWRGGGA--	

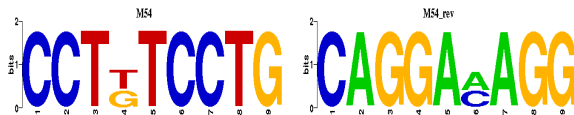
M49



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
BLIMP1_M01066	4.9165e-11	TTTCCTTTCCYTT-- --YMCTTTTCMCTTYC
HSF_M00163	6.4705e-08	TTTCCTTTCCYTT- NTTCTNTTCTNTTC
PBF_M01130	2.5148e-05	TTTCCTTTCCYTT ---CCTTT-----
Helios_M01004	5.8459e-05	--TTTCCTTTCCYTT NTTTTCCTWN-----
BPC1_M01126	1.2302e-04	TTTCCTTTCCYTT ----NTTTC-----
HSF_M00167	1.7274e-04	TTTCCTTTCCYTT- NTTCTNNNTTCNNTTC
BR-C_M00094	2.1032e-04	AARGGAAAGGAAA -WWRATAAASAWAA
ISGF-3_M00258	3.2329e-04	---TTTCCTTTCCYTT AGTTTCWNNTTTCNC--
HSF_M00164	3.7616e-04	-----TTTCCTTTCCYTT AGAANNNTTCTNTTC----
AG_M01133	6.8473e-04	--AARGGAAAGGAAA- TWNCAAAAAWGGNAAN

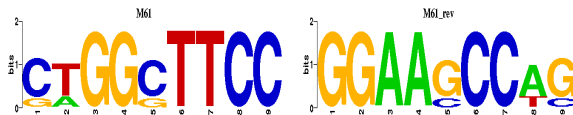


M54



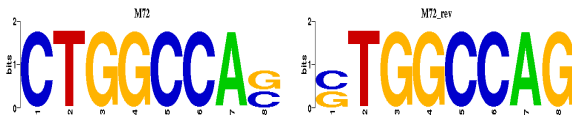
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Ttk_M00009	4.4951e-05	CCTKTCCTG- ---GTCCTGC	
PBF_M01130	9.2032e-05	CCTKTCCTG CCTTT----	
Rim101p_M01030	1.0060e-04	CCTKTCCTG --TTNCTTG	
HSF_M00167	1.9049e-04	--CCTKTCCTG--- NTTCNNTTCNNTTC	
STAT5B_M00459	2.4424e-04	CCTKTCCTG----- -NWTTCNNGGAANYN	
Tel-2_M00678	2.4561e-04	CCTKTCCTG TACTTCCTG	
BPC1_M01126	3.9180e-04	CCTKTCCTG -NTTTC---	
E2A_M00973	4.8944e-04	CAGGAMAGG- ---RNCAGNT	
BLIMP1_M01066	5.2013e-04	-CCTKTCCTG--- YMCTTTCMCTTYC	
T3R_M00963	6.3719e-04	CAGGAMAGG NAGGWCAN-	

M61



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
c-Ets-1_M00743	4.0944e-06	CTGGCTTCC- ---GCTTCK	
GCR1_M00046	9.1788e-06	--GGAAGCCAG GWGGAAGC---	
GCR1_M00337	9.9056e-06	-----GGAAGCCAG AAWAGTGGGAAGCC--	
SMAD4_M00733	6.0210e-05	--CTGGCTTCC--- RGNTGKCTGNMYSN	
Grainyhead-Elf-1-NTF-1_M00951	6.1682e-05	GGAAGCCAG --AAACCRG	
BRK_M01096	8.8343e-05	CTGGCTTCC NTGGCG---	
PU.1_M00658	4.2079e-04	CTGGCTTCC-- ----CTTCCTC	
Ets_M00971	7.2661e-04	CTGGCTTCC-- ----CTTCCTN	
PEA3_M00655	7.7605e-04	-GGAAGCCAG MGGAWG----	
GAL4_M00198	8.7415e-04	-----GGAAGCCAG----- NGYTCCGNNNANAGNNNNCCG	




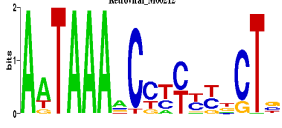

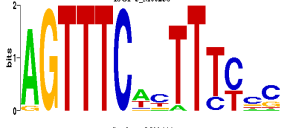



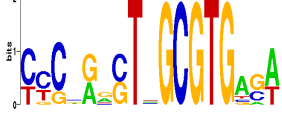
M72



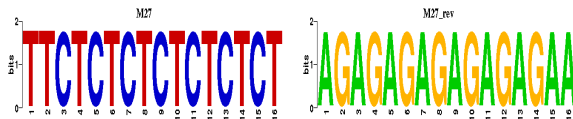
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BRK_M01096	2.1022e-05	CTGGCCAS NTGGCG--	
ABF1_M00400	3.2354e-04	-----STGGCCAG----- TGTCGNGGCCACGTGGNRRNNGNN	
SRF_M00215	5.1165e-04	CTGGCCAS----- NWGNCCATATAWGG	
bZIP911_M00358	5.1960e-04	CTGGCCAS----- --GCCACGTCAY	
NF-muE1_M00651	9.3793e-04	--CTGGCCAS AGATGGCC--	
HNF4_M01033	1.2952e-03	CTGGCCAS -TGNNC--	
RFX1_M00280	1.9957e-03	--STGGCCAG----- NNGTTRCYWNGYNACN	
AP-4_M00005	2.0152e-03	CTGGCCAS----- MNGNCNNCAGCTGNNNN	
Pax-9_M00329	2.3673e-03	-STGGCCAG----- NGNSNNCNCNCCNNTGSNTNW	
OSBZ8_M00654	3.0515e-03	---STGGCCAG-- CGTGTCGCSANWC	



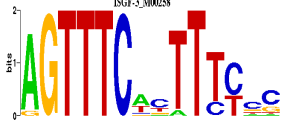







M17



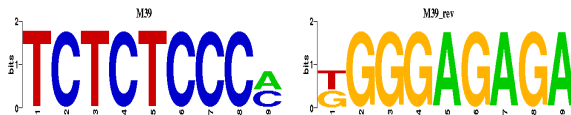
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GAGA_M00723	2.4246e-08	TCTCTCTCT- TYNCKCTCWS	
SMAD3_M00701	1.1231e-04	AGAGAGAGA AGNCAGAC-	
TFII-I_M00706	4.7197e-04	TCTCTCTCT CCTMCNTC-	
Retroviral_M00212	5.8363e-04	-AGAGAGAGA----- NAGNRRRRRRGNTTTATT	
ARF_M00438	2.5373e-03	AGAGAGAGA -GAGACAA-	
ISGF-3_M00258	4.2887e-03	-AGAGAGAGA---- GNGAAANWGAAACT	
Sry-beta_M00666	4.6982e-03	AGAGAGAGA AGWGATGC-	
MAZ_M00649	5.9581e-03	TCTCTCTCT -CCCTCCC-	
IRF_M00972	6.0867e-03	-TCTCTCTCT NTTTCWNITT	
AhR_M00139	7.9551e-03	TCTCTCTCT----- TSTCACGCNASNYNGRG	






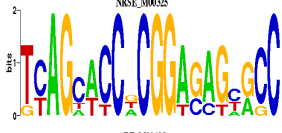




M27



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
GAGA_M00723	2.2667e-07	TTCTCTCTCTCTCTCT -TYNCKCTCWS-----	
ARF_M00438	1.6703e-04	AGAGAGAGAGAGAGAA -----GAGACAA	
ISGF-3_M00258	1.7665e-03	AGAGAGAGAGAGAGAA--- -----GNGAAANWGAAACT	
SMAD3_M00701	2.0434e-03	AGAGAGAGAGAGAGAA AGNCAGAC-----	
BLIMP1_M01066	5.3394e-03	AGAGAGAGAGAGAGAA ---GRAAGKGAAAGKR	
TFII-I_M00706	6.2994e-03	TTCTCTCTCTCTCTCT -CCTMCNTC-----	
HSF1_M01023	1.3242e-02	TTCTCTCTCTCTCTCT TTCTRGAANNTTCTYM	
GATA-2_M00349	1.5843e-02	--TTCTCTCTCTCTCTCT TNTTATCTS-----	
HSF_M00163	1.8150e-02	-TTCTCTCTCTCTCTCT NTTCTNTTCTNTTC---	
MZF1_M00084	2.2848e-02	TTCTCTCTCTCTCTCT TTNCCCTCNNN----	


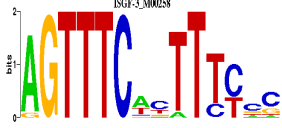








M39



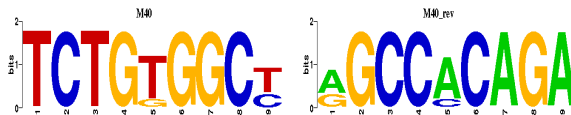
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MAZ_M00649	2.1719e-06	TCTCTCCCM -CCCTCCC-	
Lyf-1_M00141	3.5100e-06	TCTCTCCCM- --YCTCCCAA	
UF1H3BETA_M01068	3.4302e-04	-TCTCTCCCM--- GCCCTCCCCRC	
Nrf-2_M00108	5.9107e-04	TCTCTCCCM- -SNCTCCGG	
Sp1_M00933	1.4788e-03	-KGGGAGAGA NGGGGMGG-	
NRSE_M00325	1.9027e-03	---TCTCTCCCM----- GGCRCTCTCCGNGGTGCTGA	
ARF_M00438	2.5373e-03	KGGGAGAGA- ---GAGACAA	
Tra-1_M01048	2.6516e-03	KGGGAGAGA -GGGWGGT-	
RBP-Jkappa_M01111	2.8060e-03	--KGGGAGAGA NGTGGGA----	
SREBP-1_M00221	3.1624e-03	--KGGGAGAGA GTGGGGTGAT-	

M59

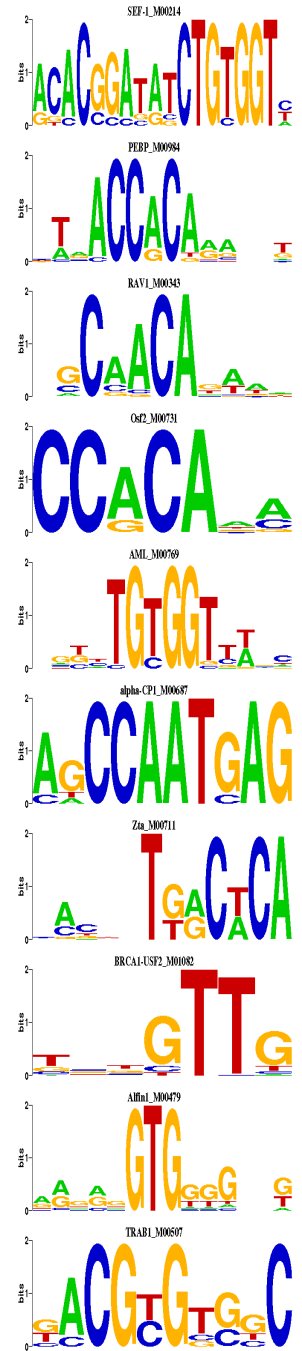


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BLIMP1_M01066	4.1041e-07	-TCTTTCCCTG-- YMCTTTCMCTTYC	
ISGF-3_M00258	6.3895e-05	CAGGGAAAGA----- --GNGAAANWGAAACT	
BPC1_M01126	7.1632e-05	TCTTTCCCTG -NTTTC----	
STAT1_M00492	2.3107e-04	TCTTTCCCTG -ANTTCCS--	
SZF1-1_M01109	2.9376e-04	----TCTTTCCCTG CNGCTGWTACCCTG	
NRSF_M00256	6.9666e-04	---TCTTTCCCTG----- GSYGCCTGTCCTGGTGCTGA	
E2F_M01114	7.7926e-04	-CAGGGAAAGA NGCGGGAAN-	
Ik-3_M00088	8.7001e-04	-TCTTTCCCTG- GGTATTCCNRRN	
Helios_M01004	1.6791e-03	TCTTTCCCTG- -NTTTCCTWN	
RBP-Jkappa_M01112	1.7206e-03	TCTTTCCCTG-- --KTTCCCACGN	

M40



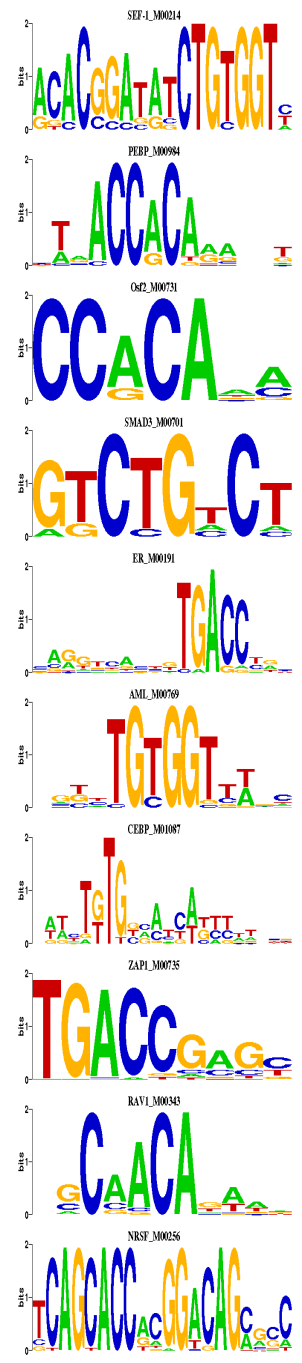
	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
SEF-1_M00214	5.5261e-07	-----TCTGTGGCT ACACGGATAATCTGTGGTY
PEBP_M00984	3.5593e-06	---TCTGTGGCT-- NNNNYTGTGGTNAN
RAV1_M00343	8.1265e-06	AGCCACAGA-- NGCAACANWNN
Osf2_M00731	8.5643e-06	TCTGTGGCT KNTGTGG--
AML_M00769	1.6266e-05	---AGCCACAGA-- NNWRACCACANNNN
alpha-CP1_M00687	5.1384e-05	AGCCACAGA- AGCCAATGAG
Zta_M00711	6.5491e-04	-TCTGTGGCT-- NANNNTGRCWCA
BRCA1-USF2_M01082	9.2009e-04	AGCCACAGA --CAACNNN
Alfin1_M00479	1.1341e-03	-AGCCACAGA---- MNNCCCCACNYNYN
TRAB1_M00507	1.7892e-03	AGCCACAGA-- -GNCACRCGTM



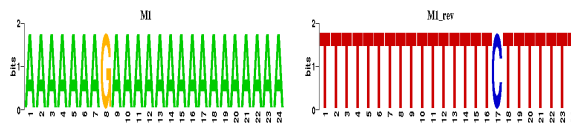
M87



	<i>forward</i>	<i>reverse compliment</i>
<i>Name</i>	<i>E value</i>	<i>Alignment</i>
SEF-1_M00214	2.1125e-05	---CACAGAG----- RACCACAGATATCCGTGT
PEBP_M00984	3.0778e-04	--CTCTGTG----- NNNNYTGTGGTNAN
Osf2_M00731	4.1112e-04	CTCTGTG- -KNTGTGG
SMAD3_M00701	4.1512e-04	CTCTGTG- GTCTGNCT
ER_M00191	1.1349e-03	-----CACAGAG----- NNNGGTCANNNNNNNYNN
AML_M00769	1.8834e-03	-----CACAGAG- NNWRACCACANNNN
CEBP_M01087	2.8892e-03	-----CACAGAG- NNNNRRMTRNTNNCAMANWWN
ZAP1_M00735	3.0290e-03	-CTCTGTG- RCTCGGTCA
RAV1_M00343	3.5417e-03	-CTCTGTG- NNWNIGTTGCN
NRSF_M00256	3.7031e-03	-----CACAGAG-- TCAGCACCACGGACAGCRSC



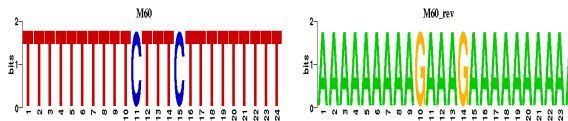
M1

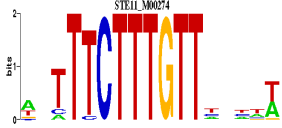




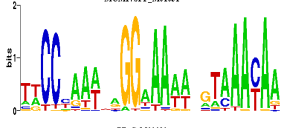
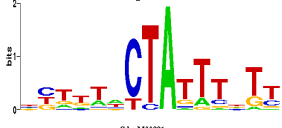





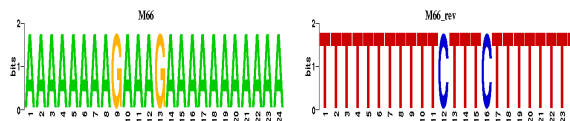
forward *reverse compliment*

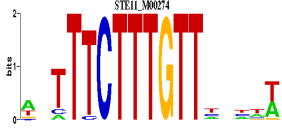

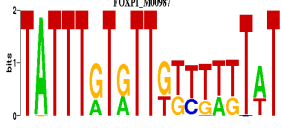

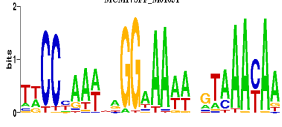



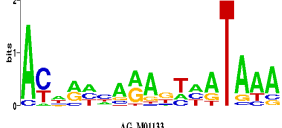
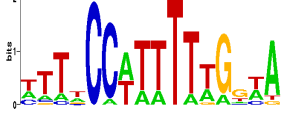
Name	E value	Alignment	Motif
MCM1+SFF_M01051	7.8141e-10	----AAGAAAAAAGAAAAA TNCNAAWNNGGNAAWANN TAAAYAA--	
FOXP1_M00987	4.0229e-09	AAAAAAGAAAAAAGAAAAA -ATAAAAAACAACACAAATA -----	
HSF_M00163	1.4026e-08	TTTTTTTTTTTTTTTTCTTTTT -----NTTCTNTTCTNTTC--	
STE11_M01005	8.2606e-08	TTTTTTTTTTTTTTTTCTTTTT -----TTTCTTTGTTTC	
BR-C_M00092	1.6367e-07	-AAAAAAGAAAAAAGAAAAA RANAAATAGNWNNNN-----	
STE11_M00274	1.8823e-07	AAAAAAGAAAAAAGAAAAA WNNNNAACAAAGAAANW-----	
AG_M01133	1.0733e-05	---AAGAAAAAAGAAAAA TWNCAAAAAGWGNAAN-----	
BR-C_M00094	2.0733e-05	TTTTTTTTTTTTTTTTCTTTTT -----TTWTSTTTAYWW	
HSF_M00167	1.0145e-04	TTTTTTTTTTTTTTTTCTTTTT -----NTTCNNTTCNNTTC--	
XFD-3_M00269	1.0703e-04	TTTTTTTTTTTTTTTTCTTTTT -----WKWTGTTTACWN-----	

M60

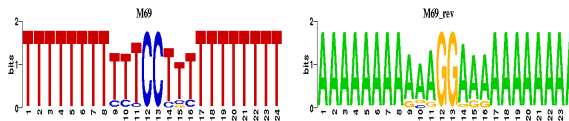


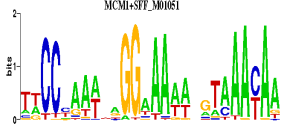



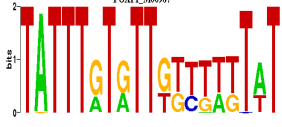



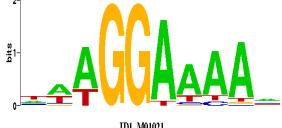

	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STE11_M00274	5.5080e-11	TTTTTTTTTTCTTTCTTTTTTTTTT -----WNTTTCCTTTGTNNNNW--	
HSF_M00163	1.4026e-08	-AAAAAAAAAAGAAAGAAAAAAAAAA GAANAGAANAGAAN-----	
STE11_M01005	8.2606e-08	TTTTTTTTTTCTTTCTTTTTTTTTT -----TTCCTTTGTTC-----	
FOXP1_M00987	1.5386e-07	TTTTTTTTTTCTTTCTTTTTTTTTT -----TATTGTGTTGTTTTTTAT	
BR-C_M00094	3.9162e-07	TTTTTTTTTTCTTTCTTTTTTTTTT -----TTWSTTTAYWW-----	
MCM1+SFF_M01051	5.3363e-07	--AAAAAAAAAAGAAAGAAAAAAAAAA TNCNAAWNNGGNAAWANNTAAAYAA	
BR-C_M00092	1.1415e-06	AAAAAAAAAAGAAAGAAAAAAAAAA -RANAAATAGNWNNNN-----	
Cdx_M00991	8.8198e-06	TTTTTTTTTTCTTTCTTTTTTTTTT -----TTATNNNTYTNNYNRT	
HSF_M00167	1.0145e-04	TTTTTTTTTTCTTTCTTTTTTTTTT- -----NTTCNNTTCNNTTC	
XFD-3_M00269	1.0703e-04	TTTTTTTTTTCTTTCTTTTTTTTTT WKWTTGTTTACWN-----	

M66

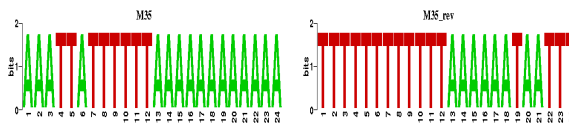
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
STE11_M00274	5.5080e-11	TTTTTTTTTTCTTTCTTTTTTTT -----WN'TTTCTTTGTNNNNW-	
STE11_M01005	8.2606e-08	TTTTTTTTTTCTTTCTTTTTTTT -----TTTCTTTGTTC-----	
FOXP1_M00987	1.5906e-07	TTTTTTTTTTCTTTCTTTTTTTT ----TATTTGTGTTGTTTTTAT-	
BR-C_M00094	3.9162e-07	TTTTTTTTTTCTTTCTTTTTTTT -----TTWSTTTAYWW-----	
MCM1+SFF_M01051	5.3363e-07	---AAAAAAAAGAAAGAAAAAAAAA TNCNAAWNNGGNAAWANNTAAAYAA-	
BR-C_M00092	1.1415e-06	AAAAAAAAGAAAGAAAAAAAAA RANAAATAGNWNNNN-----	
HSF_M00163	4.8576e-06	TTTTTTTTTTCTTTCTTTTTTTT ---NTTCTNTTCTNTTC-----	
XFD-3_M00269	1.0703e-04	TTTTTTTTTTCTTTCTTTTTTTT -WKWTTGTTTACWN-----	
Cdx_M00991	1.0704e-04	TTTTTTTTTTCTTTCTTTTTTTT- -----TTTATNNNTYTNNYNRT	
AG_M01133	2.9179e-04	---AAAAAAAAGAAAGAAAAAAAAA TWNCAAAAAWGGNAAN-----	


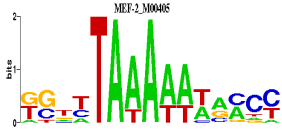

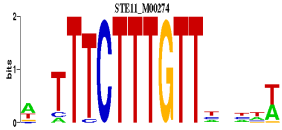
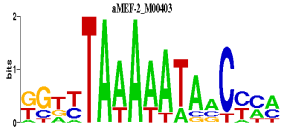
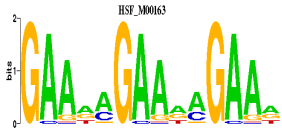
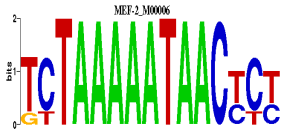
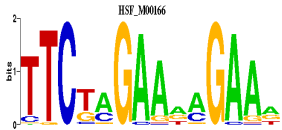
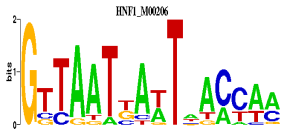
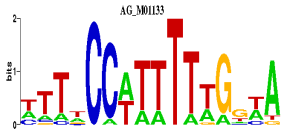
M69



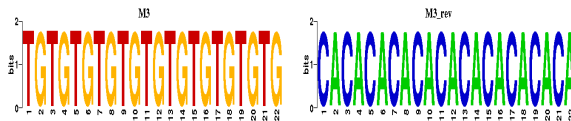
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MCM1+SFF_M01051	5.3734e-09	AAAAAAAAAAGGAAAAAAAAAAA--- -TNCNAAWNNGGNAAWANNTAAAYAA	
AG_M01133	7.3792e-09	TTTTTTTTTTCCTTTTTTTTTTTT -----NTNCCWTTTTTGNWA-	
STE11_M00274	1.5730e-07	TTTTTTTTTTCCTTTTTTTTTTTT -----WNTTCTTTGTNNNNW	
BR-C_M00092	1.8201e-07	AAAAAAAAAAGGAAAAAAAAAAA ---RANAAATAGNWNNNN-----	
FOXP1_M00987	2.8998e-07	TTTTTTTTTTCCTTTTTTTTTTTT ----TATTTGTTGTTTTTTTAT-	
STE11_M01005	1.2238e-06	TTTTTTTTTTCCTTTTTTTTTTTT -TTTCTTTGTT-----	
MADS-B_M00404	3.7370e-06	TTTTTTTTTTCCTTTTTTTTTTTT -----TTTSCATTTTTRGN--	
MADS-A_M00408	7.5099e-06	AAAAAAAAAAGGAAAAAAAAAAA -NWNNAAAAATGGAAA-----	
Helios_M01004	1.0407e-05	TTTTTTTTTTCCTTTTTTTTTTTT -----NTTTCCTWN-----	
ID1_M01021	1.3953e-05	AAAAAAAAAAGGAAAAAAAAAAA -----AWAASGACAA-----	

M35



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
ATHB-5_M00503	2.0591e-06	AAATTATTTTTTAAAAAAAAAAAA -AATNATTG-----	
MEF-2_M00405	2.4079e-06	TTTTTTTTTTTTAAAAATAATTT --RGKNWTTTTTANNM-----	
HFH4_M00742	7.7264e-06	AAATTATTTTTTAAAAAAAAAAAA -----TAAACAAACAMW-	
STE11_M00274	1.3325e-05	AAATTATTTTTTAAAAAAAAAAAA- -----WNNNNAACAAAGAAANW	
aMEF-2_M00403	2.1780e-05	TTTTTTTTTTTTAAAAATAATTT KKRGNATTTTTARNCM-----	
HSF_M00163	2.6091e-05	-TTTTTTTTTTTTAAAAATAATTT NTTCNNTTCNNTC-----	
MEF-2_M00006	3.1370e-05	TTTTTTTTTTTTAAAAATAATTT- -----TCTAAAATAACYCY	
HSF_M00166	6.5713e-05	AAATTATTTTTTAAAAAAAAAAAA --NTTCNNTCTAGAA-----	
HNF1_M00206	6.8362e-05	AAATTATTTTTTAAAAAAAAAAAA --GTTAATNAWTNACCAM-----	
AG_M01133	7.1652e-05	TTTTTTTTTTTTAAAAATAATTT NTTNCCWTTTTTGNWA-----	

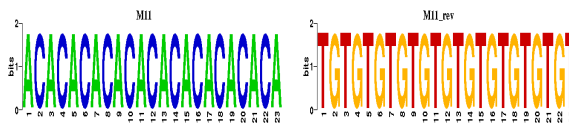
M3



forward *reverse compliment*

Name	E value	Alignment	Motif
FOXP1_M00987	3.5101e-05	TGTGTGTGTGTGTGTGTGTGTG TATTTGTGTTGTTTTTTAT---	
RAP1_M00213	1.7789e-04	TGTGTGTGTGTGTGTGTGTGTG NRTGTATGGGTKY-----	
HFH4_M00742	2.6410e-04	TGTGTGTGTGTGTGTGTGTGTG WKTGTTTGTTTA-----	
CACD_M01113	1.4218e-03	TGTGTGTGTGTGTGTGTGTGTG -GGYGTG-----	
Egr-3_M00245	1.8842e-03	CACACACACACACACACACACA -ACGCCACGCA-----	
Egr-1_M00243	2.4262e-03	TGTGTGTGTGTGTGTGTGTGTG TGCGTGGGCGK-----	
Egr-2_M00246	3.7737e-03	TGTGTGTGTGTGTGTGTGTGTG TGCGTGGGCGK-----	
NGFI-C_M00244	4.2781e-03	CACACACACACACACACACACA -CCRCCCACGCA-----	
RREB-1_M00257	4.6002e-03	TGTGTGTGTGTGTGTGTGTGTG -GGGTGGTTTGGG-----	
GBF_M00633	1.0403e-02	TGTGTGTGTGTGTGTGTGTGTG TNGGGTN-----	

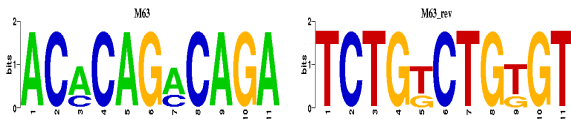
M11













forward *reverse compliment*

Name	E value	Alignment	Motif
FOXP1_M00987	4.6678e-05	TGTGTGTGTGTGTGTGTGTGTGT TATTTGTGTTGTTTTTTAT----	
RAP1_M00213	2.0629e-04	TGTGTGTGTGTGTGTGTGTGTGT NRTGTATGGGTKY-----	
HFH4_M00742	2.6056e-04	-TGTGTGTGTGTGTGTGTGTGTGT W-KTGTTTGTTTA-----	
CACD_M01113	1.5236e-03	TGTGTGTGTGTGTGTGTGTGTGT -GGYG TG-----	
Egr-3_M00245	1.9982e-03	ACACACACACACACACACACACA ACGCCACGCA-----	
Egr-1_M00243	2.5753e-03	TGTGTGTGTGTGTGTGTGTGTGT TGCGTGGGCGK-----	
Egr-2_M00246	4.0114e-03	TGTGTGTGTGTGTGTGTGTGTGT TGCGTGGGCGK-----	
NGFI-C_M00244	4.5491e-03	ACACACACACACACACACACACA CCRCCACGCA-----	
RREB-1_M00257	5.1874e-03	TGTGTGTGTGTGTGTGTGTGTGT -GGGTGGTTTGGG-----	
GBF_M00633	1.0909e-02	TGTGTGTGTGTGTGTGTGTGTGT TNNGGGTN-----	

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	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
SMAD3_M00701	8.1444e-07	ACACAGACAGA- ----AGNCAGAC	
NRSF_M00256	5.6457e-05	---TCTGTCTGTGT----- GSYGCTGTCCGTGGTGTCTGA	
RAP1_M00213	1.4676e-04	--ACACAGACAGA RMACCCATACAYN	
Cdx_M00991	1.7745e-04	ACACAGACAGA----- --AYNRNNARANNNATAAA	
TGIF_M00418	3.3219e-04	TCTGTCTGTGT GCTGTCANNW-	
STE11_M01005	7.5827e-04	TCTGTCTGTGT-- --TTTCTTTGTTC	
SEF-1_M00214	9.3754e-04	--ACACAGACAGA----- RACCACAGATATCCGTGT	
NRSF_M01028	1.0926e-03	-----ACACAGACAGA- TCAGCACCRYGGACAGNR	
HFH4_M00742	1.8072e-03	-ACACAGACAGA TAAACAAACAMW	
SMAD_M00974	1.8370e-03	TCTGTCTGTGT -NWGTCTGNNN	

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