

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

Input file: 68 motifs loaded

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

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

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

[Download results as a PDF](#)

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## Multiple Alignment

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

```

M0 : -----GGGGGGGGGGGG-----
M1 : -----AAAGAAAAAAAAAAAAAAAA-----
M2 : -----GGAGGAGGG-----
M3 : -----CACACACACACA-----
M4 : -----GGAGGSAGGG-----
M5 : -----AGAGAGAGA-----
M6 : -----AGGGGAGGG-----
M7 : -----AAGGAAGGAAG-----
M8 : -----CCCCACCCACCC-----
M9 : -----CCCCACCCACC-----
M10 : -----AGAAGGAAGA-----
M11 : -----AGAGGAAGA-----
M12 : -----TTTTTAAAAA-----
M13 : -----AAGGMAGGC-----
M14 : -----AAAAGAAAGAAAAAAAA-----
M15 : -----GGTGGGGGA-----
M16 : -----AAAGAAAGAAA-----
M17 : -----AAAAACAAAAGA-----
M18 : -----CAGAGGNAG-----
M19 : -----AAAAGAAAAGAAA-----
M20 : AAAAAAAAACAAAACAAAAAAAAA-----
M21 : -----AAACAAACAAAAAAAA-----
M22 : -----AGAACAAAG-----

```

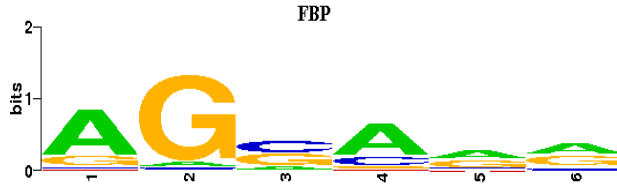
# Stamp Results

04/30/14

M23: -----CCAGAGCTT-----  
M24: -----AGGAMAGAG-----  
M25: -----CAGCCTYCC-----  
M26: -----AAACAAACAAA-----  
M27: -----CCCAGCC-----  
M28: -----GGAGGAG-----  
M29: -----GGAGAGG-----  
M30: -----AGGCAGA-----  
M31: -----AGAGCAG-----  
M32: -----CAGGCAG-----  
M33: -----CACAGCA-----  
M34: -----AGCCCAG-----  
M35: -----CTGGGAR-----  
M36: -----CAGCAGRG-----  
M37: -----CCCAGRGC-----  
M38: -----CTGCAGCC-----  
M39: -----GSAGAGGG-----  
M40: -----AGCAGCT-----  
M41: -----AGGGCAG-----  
M42: -----CAGAGCC-----  
M43: -----GGAAGCA-----  
M44: -----AGGAAAG-----  
M45: -----CAGAGAG-----  
M46: -----CTGGAGA-----  
M47: -----CAGAGAA-----  
M48: -----GGAGCCAG-----  
M49: -----CTGGGGA-----  
M50: -----AGCCACAG-----  
M51: -----CCACACCC-----  
M52: -----GAGAAAG-----  
M53: -----GGGAGAG-----  
M54: -----AGGAAAA-----  
M55: -----AAAAGGAA-----  
M56: -----GGCCCCAG-----  
M57: -----CAGCCACA-----  
M58: -----RAGCCAGG-----  
M59: -----RGGGAGA-----  
M60: -----CAGCTGGM-----  
M61: -----CCAGAGGA-----  
M62: -----CCASCAG-----  
M63: -----AAAGCCTG-----  
M64: -----CTGAGGGG-----  
M65: -----AAAGAAGA-----

M66: -----CTCTGAGM-----  
 M67: -----AAAAGAAG-----

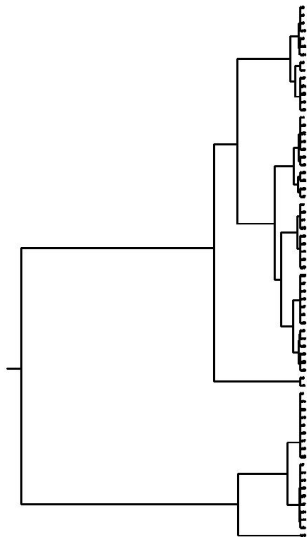
**Familial Profile:**  
 (click for matrix)



## Motif Tree

Tree (drawn by **Phylip**)



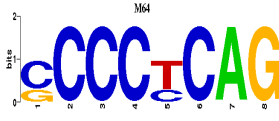


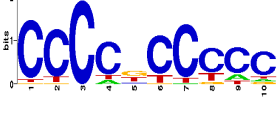
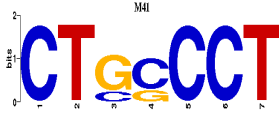
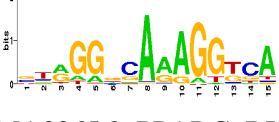

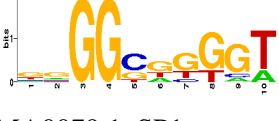



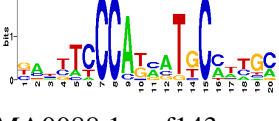


[Click here for Newick-format tree \(viewable with MEGA\)](#)


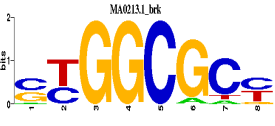
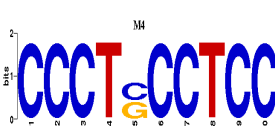
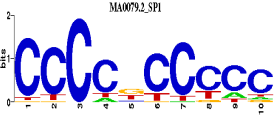

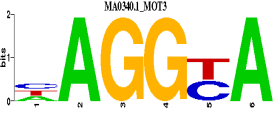
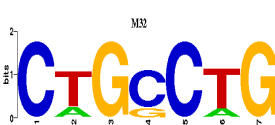




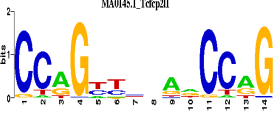
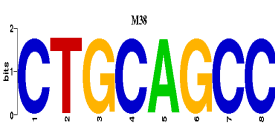





Input Motif


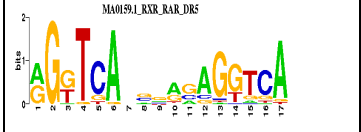
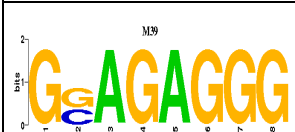
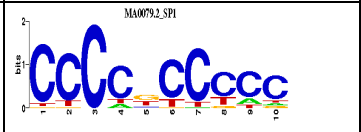
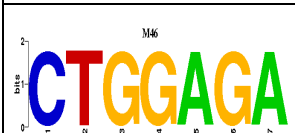
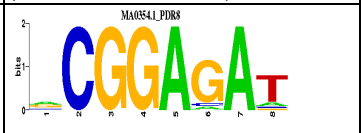



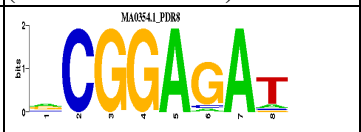
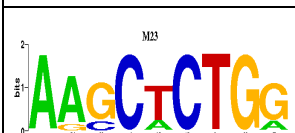
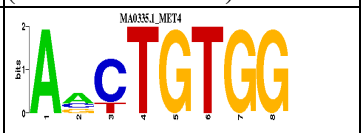

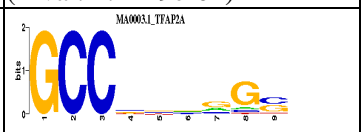


Best match in JASPAR



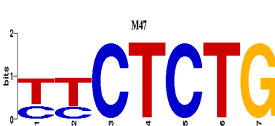
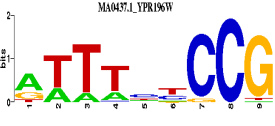


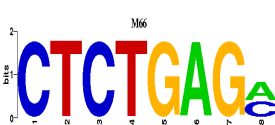








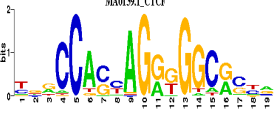
 <b>M0</b>	 MA0079.2_SP1 (E val: 2.6884e-10)
 <b>M8</b>	 MA0068.1_Pax4 (E val: 1.3459e-11)
 <b>M9</b>	 MA0073.1_RREB1 (E val: 1.6015e-08)
 <b>M15</b>	 MA0436.1_YPR022C (E val: 7.3682e-07)
 <b>M2</b>	 MA0079.2_SP1 (E val: 7.0945e-09)

<p>M28</p>  <p><b>CTCCTCC</b></p>	<p>MA0283.1_CHA4 (E val: 6.1213e-06)</p> 
<p>M64</p>  <p><b>CCCCTCAG</b></p>	<p>MA0341.1_MSN2 (E val: 4.1717e-06)</p> 
<p>M6</p>  <p><b>AGGGGAGGG</b></p>	<p>MA0079.2_SP1 (E val: 2.4635e-08)</p> 
<p>M41</p>  <p><b>CTGcCCT</b></p>	<p>MA0065.2_PPARG_RXRA (E val: 1.5285e-04)</p> 
<p>M27</p>  <p><b>CCCAGCC</b></p>	<p>MA0079.1_SP1 (E val: 5.7337e-06)</p> 
<p>M34</p>  <p><b>GCCCCAG</b></p>	<p>MA0368.1_RIM101 (E val: 3.9129e-04)</p> 
<p>M35</p>  <p><b>CTGGGA</b></p>	<p>MA0088.1_znf143 (E val: 9.9116e-06)</p> 
<p>M49</p>  <p><b>TCCCCAG</b></p>	<p>MA0344.1_NHP10 (E val: 7.6728e-06)</p> 


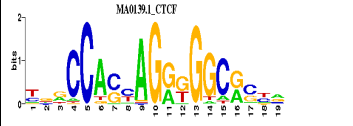

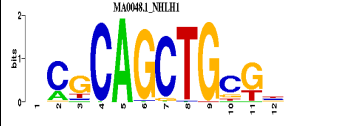

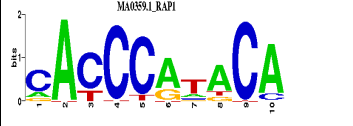

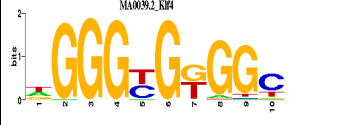
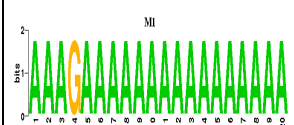

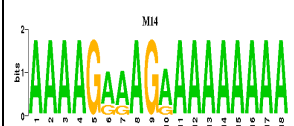
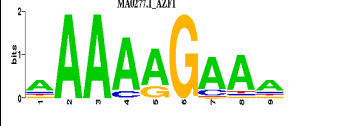
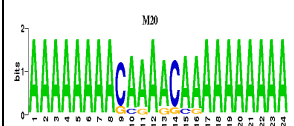
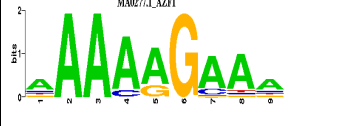

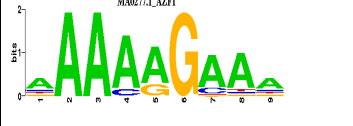
 <p><b>M56</b></p>	 <p><b>MA0213.1_brk</b> (E val: 8.0917e-06)</p>
 <p><b>M4</b></p>	 <p><b>MA0079.2_SP1</b> (E val: 1.4379e-06)</p>
 <p><b>M30</b></p>	 <p><b>MA0340.1_MOT3</b> (E val: 1.2242e-04)</p>
 <p><b>M32</b></p>	 <p><b>MA0340.1_MOT3</b> (E val: 2.5078e-05)</p>
 <p><b>M48</b></p>	 <p><b>MA0213.1_brk</b> (E val: 5.2396e-06)</p>
 <p><b>M58</b></p>	 <p><b>MA0145.1_Tcfcp211</b> (E val: 9.9121e-05)</p>
 <p><b>M38</b></p>	 <p><b>MA0055.1_Myf</b> (E val: 3.8103e-04)</p>
 <p><b>M43</b></p>	 <p><b>MA0305.1_GCR2</b> (E val: 9.0032e-08)</p>


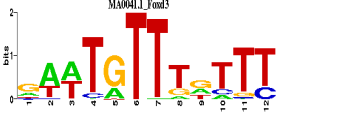

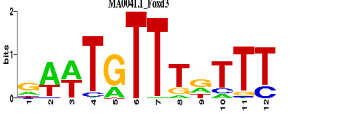






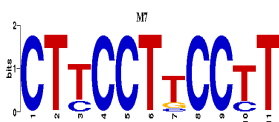
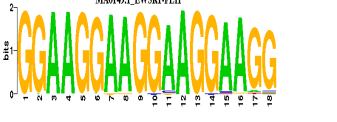

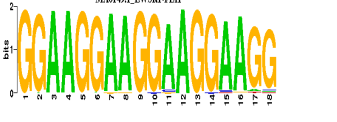
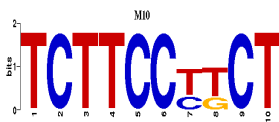

<p>M25</p>	<p>MA0080.1_SPI1 (E val: 1.9306e-03)</p>
<p>M63</p>	<p>MA0053.1_MNB1A (E val: 2.9649e-06)</p>
<p>M50</p>	<p>MA0332.1_MET28 (E val: 3.6501e-09)</p>
<p>M57</p>	<p>MA0334.1_MET32 (E val: 6.6830e-07)</p>
<p>M5</p>	<p>MA0277.1_AZF1 (E val: 6.8317e-03)</p>
<p>M52</p>	<p>MA0437.1_YPR196W (E val: 1.7120e-05)</p>
<p>M11</p>	<p>MA0081.1_SPIB (E val: 1.9796e-08)</p>
<p>M18</p>	<p>MA0081.1_SPIB (E val: 3.2583e-07)</p>

<p>M29</p> 	<p>MA0159.1_RXR_RAR_DR5 (E val: 4.0828e-06)</p> 
<p>M39</p> 	<p>MA0079.2_SP1 (E val: 4.8402e-05)</p> 
<p>M46</p> 	<p>MA0354.1_PDR8 (E val: 1.7061e-04)</p> 
<p>M53</p> 	<p>MA0062.1_GABPA (E val: 6.2175e-05)</p> 
<p>M59</p> 	<p>MA0354.1_PDR8 (E val: 1.7061e-04)</p> 
<p>M23</p> 	<p>MA0335.1_MET4 (E val: 1.1429e-04)</p> 
<p>M37</p> 	<p>MA0003.1_TFAP2A (E val: 1.2990e-05)</p> 
<p>M42</p> 	<p>MA0316.1_HAP5 (E val: 4.1698e-05)</p> 

 <p><b>M45</b></p>	 <p><b>MA0354.1_PDR8</b> (E val: 1.7360e-03)</p>
 <p><b>M47</b></p>	 <p><b>MA0437.1_YPR196W</b> (E val: 4.9692e-04)</p>
 <p><b>M61</b></p>	 <p><b>MA0370.1_RME1</b> (E val: 1.8962e-06)</p>
 <p><b>M66</b></p>	 <p><b>MA0432.1_YNR063W</b> (E val: 1.6183e-04)</p>
 <p><b>M31</b></p>	 <p><b>MA0451.1_kni</b> (E val: 1.1552e-05)</p>
 <p><b>M40</b></p>	 <p><b>MA0055.1_Myf</b> (E val: 1.3055e-06)</p>
 <p><b>M33</b></p>	 <p><b>MA0150.1_NFE2L2</b> (E val: 1.9560e-06)</p>
 <p><b>M36</b></p>	 <p><b>MA0139.1_CTCF</b> (E val: 2.8910e-06)</p>



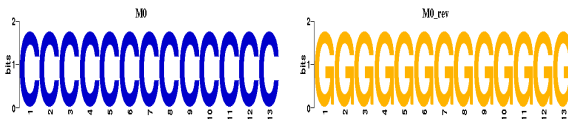
<p>M62</p> 	<p>MA0139.1_CTCF (E val: 7.3384e-07)</p> 
<p>M60</p> 	<p>MA0048.1_NHLH1 (E val: 4.5394e-05)</p> 
<p>M3</p> 	<p>MA0359.1_RAP1 (E val: 2.2055e-06)</p> 
<p>M51</p> 	<p>MA0039.2_Klf4 (E val: 1.7340e-09)</p> 
<p>M1</p> 	<p>MA0277.1_AZF1 (E val: 3.1926e-07)</p> 
<p>M14</p> 	<p>MA0277.1_AZF1 (E val: 4.0898e-08)</p> 
<p>M20</p> 	<p>MA0277.1_AZF1 (E val: 1.5808e-07)</p> 
<p>M16</p> 	<p>MA0277.1_AZF1 (E val: 3.7237e-09)</p> 

 <p><b>M21</b></p>	 <p><b>MA0041.1_Foxd3</b> (E val: 1.4139e-09)</p>
 <p><b>M26</b></p>	 <p><b>MA0041.1_Foxd3</b> (E val: 3.5723e-12)</p>
 <p><b>M17</b></p>	 <p><b>MA0277.1_AZF1</b> (E val: 1.0082e-08)</p>
 <p><b>M19</b></p>	 <p><b>MA0277.1_AZF1</b> (E val: 1.5203e-09)</p>
 <p><b>M22</b></p>	 <p><b>MA00445.1_D</b> (E val: 7.6547e-09)</p>
 <p><b>M7</b></p>	 <p><b>MA0149.1_EWSR1-FLI1</b> (E val: 1.1102e-16)</p>
 <p><b>M13</b></p>	 <p><b>MA0149.1_EWSR1-FLI1</b> (E val: 2.4052e-07)</p>
 <p><b>M10</b></p>	 <p><b>MA0149.1_EWSR1-FLI1</b> (E val: 6.7581e-07)</p>

<p>M55</p>	<p>MA0277.1_AZF1 (E val: 2.5488e-09)</p>
<p>M65</p>	<p>MA0277.1_AZF1 (E val: 8.3978e-06)</p>
<p>M67</p>	<p>MA0277.1_AZF1 (E val: 4.1899e-09)</p>
<p>M24</p>	<p>MA0149.1_EWSR1-FL11 (E val: 3.7167e-04)</p>
<p>M44</p>	<p>MA0156.1_FEV (E val: 1.2503e-05)</p>
<p>M54</p>	<p>MA0152.1_NFATC2 (E val: 2.5960e-08)</p>
<p>M12</p>	<p>MA0151.1_ARID3A (E val: 2.1236e-04)</p>

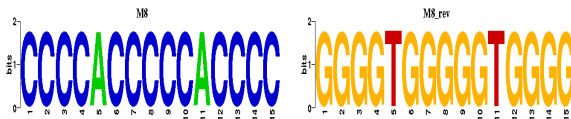
### Motif Similarity Matches

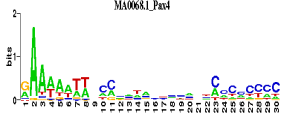
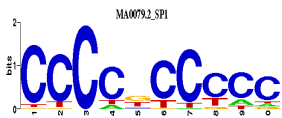
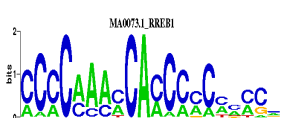




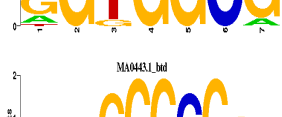
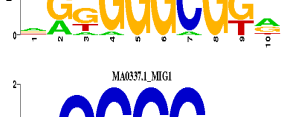
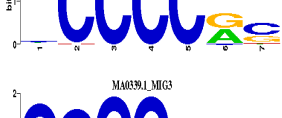
M0



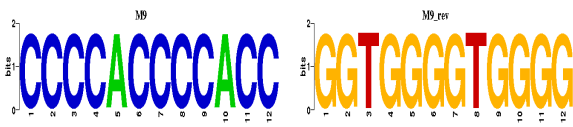
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	2.6884e-10	CCCCCCCCCCCC CCCCNCCCC---	
MA0068.1_Pax4	1.5340e-09	GGGGGGGGGGGGG----- GKRNNNNKNNNNNNNNNNNNKNNWWWTWTY	
MA0073.1_RREB1	2.6968e-07	-GGGGGGGGGGGGG----- NGKKKGKGGGTGKTTTGGGG	
MA0443.1_btd	1.1074e-04	CCCCCCCCCCCC YCCGCCMCN---	
MA0456.1_opa	3.7953e-04	--GGGGGGGGGGGGG CNGCGGGGGGKC---	
MA0039.2_Klf4	1.6938e-03	-CCCCCCCCCCCC GCCMCRCCN----	
MA0140.1_Tal1_Gata1	1.9673e-03	-----CCCCCCCCCCCC NTTATCTNNNNNNNNC	
MA0341.1_MSN2	3.4949e-03	GGGGGGGGGGGGG AGGGG-----	
MA0079.1_SP1	5.3318e-03	-CCCCCCCCCCCC ACCNGCCNN----	
MA0342.1_MSN4	8.5428e-03	GGGGGGGGGGGGG GGGG-----	

**M8**



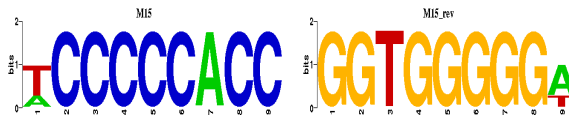
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0068.1_Pax4	1.3459e-11	GGGGTGGGGGTGGGG----- GKRNNNNKNNNNNNNNNNKNNWWWWTWTTY	
MA0079.2_SP1	1.4542e-08	CCCACCCCCACCCC CCCNCCCC-----	
MA0073.1_RREB1	2.2919e-08	-----CCCACCCCCACCCC CCCCAAMCACCCMCMCCN	
MA0039.2_Klf4	6.1147e-06	-CCCACCCCCACCCC GCCMCRCNN-----	
MA0436.1_YPR022C	1.5090e-05	GGGGTGGGGGTGGGG --NGTGGGG-----	
MA0268.1_ADR1	4.9754e-05	GGGGTGGGGGTGGGG ---KTGGGGN-----	
MA0373.1_RPN4	1.4415e-04	GGGGTGGGGGTGGGG --GGTGGCG-----	
MA0443.1_btd	2.6691e-04	CCCACCCCCACCCC -YCCGCCCMCN----	
MA0337.1_MIG1	4.1113e-04	GGGGTGGGGGTGGGG ---SYGGGGN-----	
MA0339.1_MIG3	4.8877e-04	GGGGTGGGGGTGGGG --NGYGGGG-----	




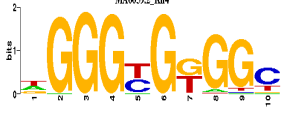
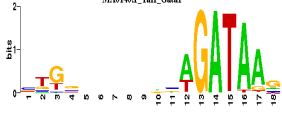



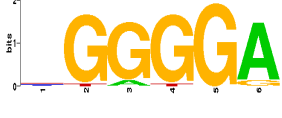

M9



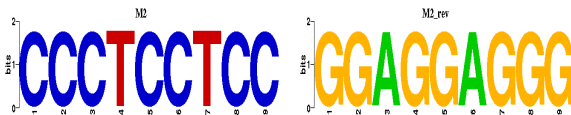
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0073.1_RREB1	1.6015e-08	-----GGTGGGGTGGGG NGKKKGKGGGTGKTTTGGGG	
MA0039.2_Klf4	1.0159e-06	-CCCCACCCACC GCCMCRCCCN---	
MA0079.2_SP1	1.8182e-06	GGTGGGGTGGGG --GGGGGNGGGG	
MA0436.1_YPR022C	5.6487e-06	GGTGGGGTGGGG NGTGGGG-----	
MA0268.1_ADR1	1.9497e-05	GGTGGGGTGGGG -KTGGGGN----	
MA0373.1_RPN4	5.9070e-05	GGTGGGGTGGGG GGTGGCG-----	
MA0068.1_Pax4	1.2077e-04	-----CCCCACCCACC---- RAAWAWWWNNMNNNNNNNNNNNNMNNNNNYMC	
MA0337.1_MIG1	1.7679e-04	GGTGGGGTGGGG -SYGGGN----	
MA0097.1_bZIP911	1.9752e-04	CCCCACCCACC GGCCACGTCAYC	
MA0339.1_MIG3	2.1195e-04	GGTGGGGTGGGG NGYGGG-----	

**M15**



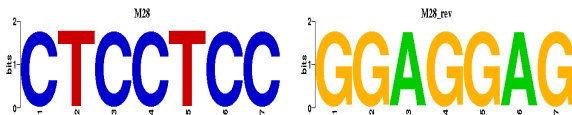
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0436.1_YPR022C	7.3682e-07	GGTGGGGGA NGTGGGG--	
MA0268.1_ADR1	2.8834e-06	GGTGGGGGA -KTGGGGN-	
MA0373.1_RPN4	9.8243e-06	GGTGGGGGA GGTGGCG--	
MA0039.2_Klf4	1.5442e-05	TCCCCCACC-- -GCCMCRCCCN	
MA0140.1_Tal1_Gata1	1.6936e-05	--GGTGGGGGA----- NNGNNNNNNNNAGATAAN	
MA0337.1_MIG1	3.3211e-05	GGTGGGGGA -SYGGGGN-	
MA0339.1_MIG3	4.0652e-05	GGTGGGGGA NGYGGGG--	
MA0338.1_MIG2	6.2412e-05	GGTGGGGGA NGYGGGG--	
MA0056.1_MZF1_1-4	7.9646e-05	TCCCCCACC TCCCCN---	
MA0057.1_MZF1_5-13	1.6590e-04	-TCCCCCACC NTNCCCCTMN	

M2



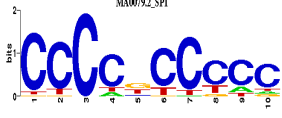

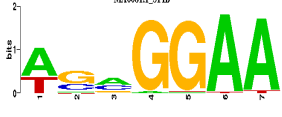
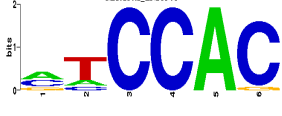






	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	7.0945e-09	GGAGGAGGG- GGGGGNGGGG	
MA0283.1_CHA4	1.0413e-04	CCCTCCTCC -NCTCCGCC	
MA0149.1_EWSR1-FL11	2.9256e-04	-GGAGGAGGG----- GGAAGGAAGGAAGGAAGG	
MA0090.1_TEAD1	9.3551e-04	-GGAGGAGGG-- CNSWGGAATGTR	
MA0062.1_GABPA	1.3055e-03	CCCTCCTCC--- --SNCTTCCGGT	
MA0039.1_Klf4	1.3856e-03	CCCTCCTCC- CCTTYYYTNN	
MA0443.1_btd	1.5419e-03	CCCTCCTCC- YCCGCCCMCN	
MA0081.1_SPIB	1.7388e-03	GGAGGAGGG ASMGGAA--	
MA0080.2_SPI1	2.1916e-03	CCCTCCTCC ACTTCCT--	
MA0366.1_RGM1	2.9116e-03	GGAGGAGGG- -----AGGGG	

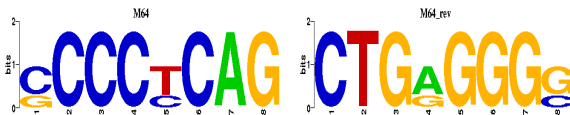
M28





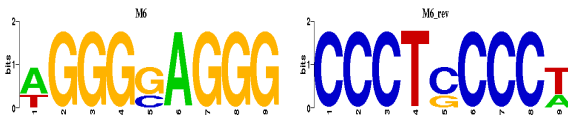
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0283.1_CHA4	6.1213e-06	-CTCCTCC NCTCCGCC	
MA0062.1_GABPA	6.2175e-05	CTCCTCC--- SNCTTCGGT	
MA0079.2_SP1	9.4615e-05	---CTCCTCC CCCCNCCCCC	
MA0090.1_TEAD1	1.8215e-04	----CTCCTCC- YACATTCCWSNG	
MA0081.1_SPIB	3.0904e-04	GGAGGAG ASMGGAA	
MA0130.1_ZNF354C	2.5837e-03	GGAGGAG -GTGGAK	
MA0373.1_RPN4	4.1252e-03	CTCCTCC CGCCACC	
MA0366.1_RGM1	6.3952e-03	CTCCTCC CCCCT--	
MA0342.1_MSN4	6.5951e-03	CTCCTCC CCCCT--	
MA0056.1_MZF1_1-4	1.0308e-02	CTCCTCC -TCCCCN	

**M64**



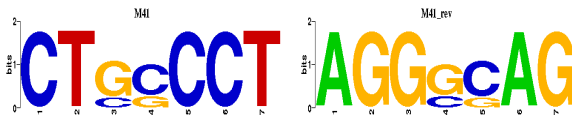
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0341.1_MSN2	4.1717e-06	CCCCTCAG CCCCT---	
MA0342.1_MSN4	5.1049e-06	CCCCTCAG CCCCT---	
MA0366.1_RGM1	6.7259e-06	CCCCTCAG CCCCT---	
MA0372.1_RPH1	1.7623e-04	CTGAGGGG- -TTAGGGGN	
MA0332.1_MET28	4.6611e-04	CCCCTCAG --CCACAG	
MA0364.1_REI1	5.6613e-04	CTGAGGGG -NCAGGGG	
MA0057.1_MZF1_5-13	1.1763e-03	---CCCCTCAG NTNCCCCTMN-	
MA0079.2_SP1	1.3811e-03	--CTGAGGGG GGGGNGGGG	
MA0116.1_Zfp423	2.8707e-03	-----CTGAGGGG- GNMMCCYTRGGKKS	
MA0431.1_YML081W	3.4160e-03	CTGAGGGG- NWNNGGGG	

M6



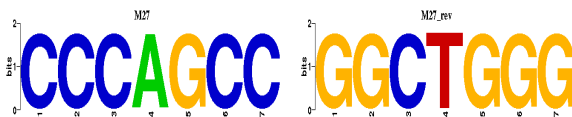
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	2.4635e-08	AGGGGAGGG- GGGGGNGGGG	
MA0366.1_RGM1	1.8804e-05	AGGGGAGGG AGGGG----	
MA0342.1_MSN4	3.7916e-05	AGGGGAGGG AGGGG----	
MA0056.1_MZF1_1-4	9.6830e-05	CCCTCCCCT ---TCCCCN	
MA0112.2_ESR1	1.1106e-04	AGGGGAGGG----- RGGTCANNNTGACCTNNNNN	
MA0341.1_MSN2	1.7048e-04	AGGGGAGGG AGGGG----	
MA0443.1_btd	4.2571e-04	CCCTCCCCT- YCCGCCMCN	
MA0039.1_Klf4	4.2988e-04	CCCTCCCCT- CCTTYYYTTN	
MA0456.1_opa	5.7509e-04	-AGGGGAGGG-- CNGCGGGGGGKC	
MA0364.1_REI1	1.4648e-03	--AGGGGAGGG NCAGGGG----	

M41



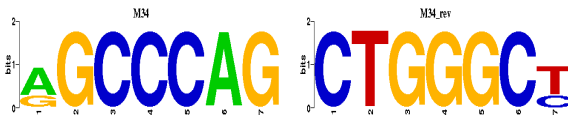
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0065.2_PPARG_RXRA	1.5285e-04	-----CTGCCCT-- TGMCCCTTGNCCYNN	
MA0112.2_ESR1	6.9301e-04	AGGGCAG----- RGGTCANNNTGACCTNNNNN	
MA0366.1_RGM1	1.2709e-03	CTGCCCT --CCCCT	
MA0451.1_kni	1.6926e-03	CTGCCCT----- NTGCTCTANNTT	
MA0342.1_MSN4	1.6999e-03	CTGCCCT --CCCCT	
MA0123.1_abi4	1.7475e-03	-AGGGCAG-- NGNNGCRSCG	
MA0341.1_MSN2	3.2273e-03	AGGGCAG AGGGG--	
MA0056.1_MZF1_1-4	7.0069e-03	CTGCCCT -TCCCCN	
MA0160.1_NR4A2	7.3075e-03	CTGCCCT- GTGACCTT	
MA0140.1_Tal1_Gata1	7.3375e-03	-----CTGCCCT----- NTTATCTNNNNNNNNCNN	

M27



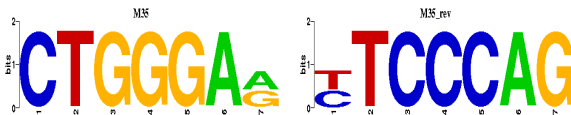
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.1_SP1	5.7337e-06	—CCCAGCC— ACCCNGCCNN	
MA0267.1_ACE2	5.4064e-05	GGCTGGG NGCTGGN	
MA0079.2_SP1	7.7940e-05	---GGCTGGG GGGGNNGGG	
MA0402.1_SWI5	1.2609e-04	—CCCAGCC NACCAGCA	
MA0039.2_Klf4	9.8875e-04	--CCCAGCC— GCCMCRCNN	
MA0283.1_CHA4	1.1205e-03	—CCCAGCC NCTCCGCC	
MA0344.1_NHP10	1.1652e-03	GGCTGGG-- —NCCGGGGA	
MA0338.1_MIG2	1.3707e-03	GGCTGGG NGYGGGG	
MA0339.1_MIG3	1.7704e-03	GGCTGGG NGYGGGG	
MA0399.1_SUT1	1.7982e-03	GGCTGGG CGCGGG	

M34



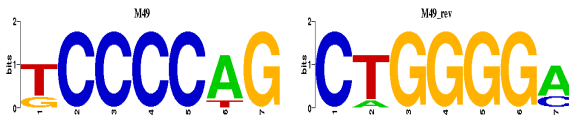
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0368.1_RIM101	3.9129e-04	CTGGGCT CTTGGCR	
MA0320.1_IME1	1.5456e-03	CTGGGCT- CTCGGCG	
MA0162.1_Egr1	1.7980e-03	-AGCCCAG--- MCGCCCACGCN	
MA0083.1_SRF	2.6400e-03	-----CTGGGCT CCATATATGGGC-	
MA0163.1_PLAG1	4.2639e-03	-----CTGGGCT-- CCCCCTTNGGCCCC	
MA0403.1_TBF1	8.2696e-03	-CTGGGCT NTAGGGYT	
MA0436.1_YPR022C	1.0426e-02	-CTGGGCT NGTGGGG-	
MA0267.1_ACE2	1.0745e-02	--CTGGGCT NGCTGGN--	
MA0268.1_ADR1	1.2294e-02	CTGGGCT KTGGGGN	
MA0332.1_MET28	1.5524e-02	AGCCCAG -CCACAG	

M35



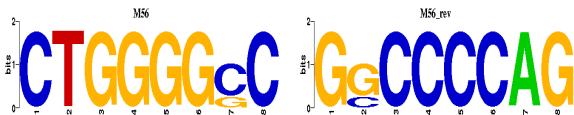
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0088.1_znf143	9.9116e-06	-----CTGGGAR--- KCNNKGMANNMTGGGANNNN	
MA0282.1_CEP3	8.8718e-05	-YTCCAG NTTCCGAR	
MA0085.1_Su_H_	2.5358e-04	-----YTCCAG-- NNNNNGKTCCACRN	
MA0137.2_STAT1	5.0320e-04	----CTGGGAR--- NNNTCCNGGAARNN	
MA0344.1_NHP10	1.1284e-03	YTCCAG-- -TCCCCGN	
MA0311.1_HAL9	1.2474e-03	YTCCAG TTCCG--	
MA0331.1_MCM1	1.3410e-03	YTCCAG----- TTCCYAAWNGG	
MA0152.1_NFATC2	2.6710e-03	CTGGGAR- -TGGAAAA	
MA0056.1_MZF1_1-4	3.5942e-03	YTCCAG -TCCCN	
MA0391.1_STB4	5.3231e-03	CTGGGAR YTCCGAA	

**M49**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0344.1_NHP10	7.6728e-06	-CTGGGGA NCCGGGGA	
MA0056.1_MZF1_1-4	1.3610e-05	TCCCCAG TCCCCN-	
MA0332.1_MET28	7.4999e-05	TCCCCAG -CCACAG	
MA0436.1_YPR022C	7.5976e-05	-CTGGGGA NGTGGGG-	
MA0268.1_ADR1	7.7485e-05	CTGGGGA KTGGGGN	
MA0364.1_REI1	1.4981e-04	-CTGGGGA NCAGGGG-	
MA0154.1_EBF1	1.8554e-04	---CTGGGGA TCCCTNGGGN	
MA0155.1_INSM1	3.9671e-04	--TCCCCAG-- YGCCCCCTGRCA	
MA0337.1_MIG1	6.1999e-04	CTGGGGA SYGGGGN	
MA0341.1_MSN2	1.0042e-03	CTGGGGA -AGGGG-	

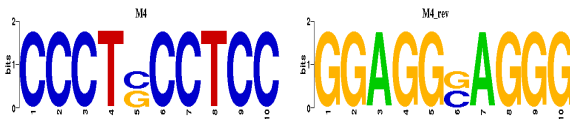
M56





	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0213.1_brk	8.0917e-06	CTGGGGCC SYGGCGCY	
MA0163.1_PLAG1	2.9073e-05	----CTGGGGCC-- CCCCCTTNGGCCCC	
MA0155.1_INSM1	4.3755e-05	--GGCCCCAG--- YGCCCCCTGRCA	
MA0332.1_MET28	1.6557e-04	GGCCCCAG --CCACAG	
MA0268.1_ADR1	2.1007e-04	CTGGGGCC KTGGGGN-	
MA0436.1_YPR022C	2.1708e-04	-CTGGGGCC NGTGGGG--	
MA0003.1_TFAP2A	3.4713e-04	--CTGGGGCC SCNNNNGGC-	
MA0154.1_EBF1	8.7127e-04	---CTGGGGCC TCCCTNNGGN-	
MA0337.1_MIG1	1.0349e-03	CTGGGGCC SYGGGGN-	
MA0364.1_REI1	1.0732e-03	-CTGGGGCC NCAGGGG--	





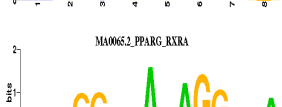




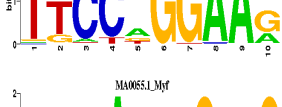
M4



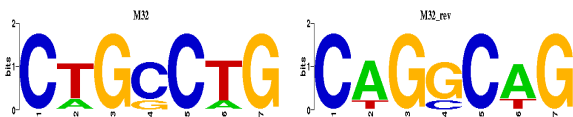
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	1.4379e-06	CCCTSCCTCC CCCCNCCCC	
MA0149.1_EWSR1-FLI1	7.1512e-05	----GGAGGSAGGG---- GGAAGGAAGGAAGGAAGG	
MA0410.1_UGA3	3.4092e-04	CCCTSCCTCC-- ---TCCCGCCN	
MA0323.1_IXR1	9.9821e-04	CCCTSCCTCC---- CMCCGCTTCCGGYTT	
MA0079.1_SP1	1.1610e-03	-CCCTSCCTCC ACCCNGCCNN-	
MA0039.1_Klf4	3.4493e-03	CCCTSCCTCC CCTTYYYTTN	
MA0366.1_RGM1	4.0551e-03	GGAGGSAGGG-- -----AGGGG	
MA0342.1_MSN4	4.4538e-03	-CCCTSCCTCC CCCCT-----	
MA0140.1_Tal1_Gata1	5.6518e-03	---CCCTSCCTCC---- NTTATCTNNNNNNNNC	
MA0364.1_REI1	6.1768e-03	GGAGGSAGGG-- ----NCAGGGG	

M30



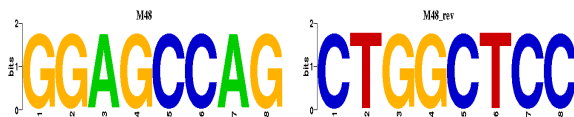
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0340.1_MOT3	1.2242e-04	TCTGCCT- --TRCCTN	
MA0080.2_SPI1	4.6119e-04	TCTGCCT ACTTCCT	
MA0092.1_Hand1_T	1.6161e-03	-AGGCAGA-- NWNCCAGAYN	
MA0283.1_CHA4	1.9028e-03	--TCTGCCT NCTCCGCC-	
MA0065.2_PPARG_RXRA	2.3243e-03	-----TCTGCCT--- TGMCCTTTGNCYNN	
MA0140.1_Tal1_Gata1	3.1334e-03	----TCTGCCT----- NTTATCTNNNNNNNNCNN	
MA0417.1_YAP5	3.8911e-03	AGGCAGA AAGCAT-	
MA0062.1_GABPA	6.0471e-03	-TCTGCCT-- SNCTTCCGGT	
MA0144.1_Stat3	7.7522e-03	TCTGCCT---- -CTCCNGGAA	
MA0055.1_Myf	1.1315e-02	-----TCTGCCT CAGCAGYTGCYK	

M32



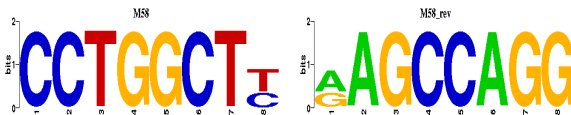
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0340.1_MOT3	2.5078e-05	CAGGCAG NAGGYA-	
MA0144.1_Stat3	6.7429e-05	CTGCCTG--- CTTCCNGGAA	
MA0156.1_FEV	2.0266e-04	-CTGCCTG AYTTCCTG	
MA0080.2_SPI1	1.0240e-03	-CTGCCTG ACTTCCT-	
MA0026.1_Eip74EF	1.1980e-03	CTGCCTG YTTCCGG	
MA0092.1_Hand1_T	4.3331e-03	CTGCCTG--- NWNCCAGAYN	
MA0086.1_sna	4.6085e-03	CTGCCTG -CACCTG	
MA0417.1_YAP5	6.5642e-03	CAGGCAG -AAGCAT	
MA0364.1_REI1	1.3275e-02	-CAGGCAG NCAGGGG-	
MA0112.2_ESR1	1.6270e-02	-----CTGCCTG----- NNNNNAGGTCANNNTGACCY	

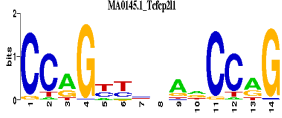



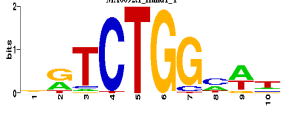
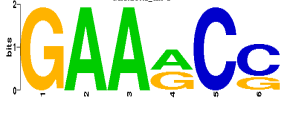


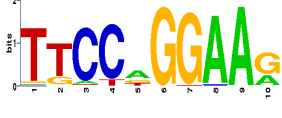

**M48**



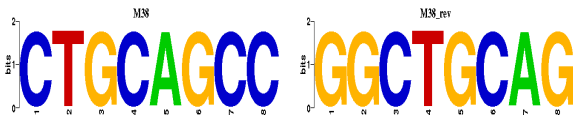
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0213.1_brk	5.2396e-06	GGAGCCAG RGCGCCRS	
MA0119.1_TLX1_NFIC	1.3327e-03	CTGGCTCC----- -TGGCASNNNGCCAA	
MA0092.1_Hand1_T	2.1148e-03	GGAGCCAG--- -NWNCCAGAYN	
MA0099.2_API	2.7912e-03	GGAGCCAG TGAGTCA-	
MA0272.1_ARG81	3.1632e-03	GGAGCCAG NGAGTCAN	
MA0326.1_MAC1	3.2697e-03	GGAGCCAG YGAGCAAA	
MA0404.1_TBS1	3.3265e-03	-GGAGCCAG CGGNTCCG-	
MA0260.1_che-1	3.5833e-03	CTGGCTCC --GGYTTC	
MA0304.1_GCR1	5.1298e-03	--GGAGCCAG TGGAAGCC--	
MA0263.1_ttx-3_c	5.2922e-03	-CTGGCTCC----- ATTGGYTTMGTTAR	

M58



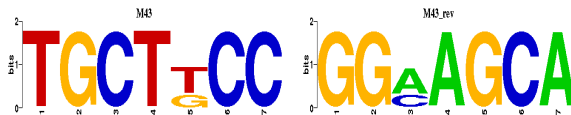
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0145.1_Tcfcp211	9.9121e-05	CCTGGCTY----- -CYGGNTNNRNCYGG	
MA0323.1_IXR1	6.6541e-04	RAGCCAGG----- AARCCGGAAGCGGKG	
MA0263.1_ttx-3_c	8.8488e-04	CCTGGCTY----- ATTGGYTTMGTAR	
MA0368.1_RIM101	1.0523e-03	RAGCCAGG -YGCCAAG	
MA0092.1_Hand1_T	2.1148e-03	RAGCCAGG-- NWNCCAGAYN	
MA0260.1_che-1	2.2284e-03	CCTGGCTY- ---GGYTTC	
MA0304.1_GCR1	3.3916e-03	CCTGGCTY--- ---GGCTTCCA	
MA0344.1_NHP10	3.3990e-03	--CCTGGCTY TCCCCGN--	
MA0144.1_Stat3	4.4246e-03	---CCTGGCTY CTTCCNGGAA-	
MA0161.1_NFIC	5.9708e-03	RAGCCAGG -NGCCAA-	

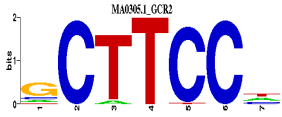
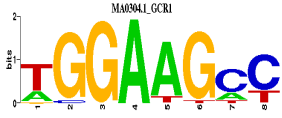
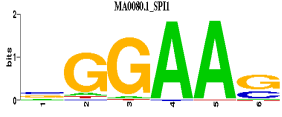


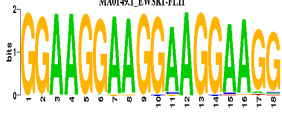




M38



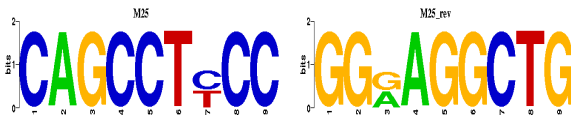
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0055.1_Myf	3.8103e-04	CTGCAGCC---- CAGCAGYTGCYK	
MA0385.1_SOK2	8.1510e-04	GGCTGCAG--- NNMTGCAKNNN	
MA0269.1_AFT1	2.6876e-03	-----GGCTGCAG----- NNNNNNGGGTGCAMTANNNNN	
MA0260.1_che-1	3.5833e-03	GGCTGCAG GGYTTC--	
MA0410.1_UGA3	3.8568e-03	CTGCAGCC- -TCCCGCCN	
MA0304.1_GCR1	5.1298e-03	CTGCAGCC TGGAAGCC	
MA0213.1_brk	6.5010e-03	CTGCAGCC SYGGCGCY	
MA0048.1_NHLH1	6.6315e-03	----GGCTGCAG NCGCAGCTGCGN	
MA0394.1_STP1	1.9325e-02	-GGCTGCAG NMGCCGCR-	
MA0267.1_ACE2	2.0734e-02	GGCTGCAG NGCTGGN-	

M43

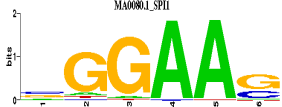


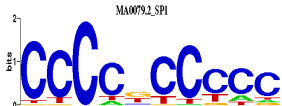



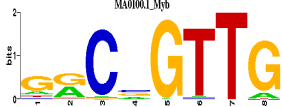

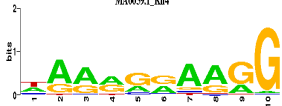


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0305.1_GCR2	9.0032e-08	-GGAAGCA NGGAAGC-	
MA0304.1_GCR1	6.9558e-07	TGCTTCC- GGCTTCCA	
MA0080.1_SPI1	4.0787e-05	TGCTTCC- --STTCN	
MA0080.2_SPI1	1.3683e-04	TGCTTCC- -ACTTCCT	
MA0026.1_Eip74EF	2.3027e-04	TGCTTCC-- --YTCCGG	
MA0149.1_EWSR1-FLI1	2.8750e-04	---TGCTTCC----- CCTTCCTTCCTTCCTTC	
MA0323.1_IXR1	3.4137e-04	---TGCTTCC----- CMCCGCTTCGGYTT	
MA0260.1_che-1	3.5692e-04	TGCTTCC GGYTTC-	
MA0417.1_YAP5	3.6814e-04	-TGCTTCC ATGCTT--	
MA0076.1_ELK4	6.1945e-04	TGCTTCC--- -ACTTCGGT	

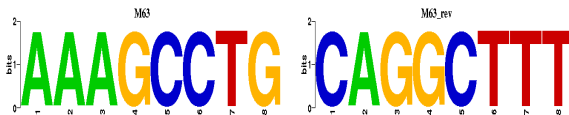
M25





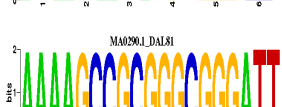
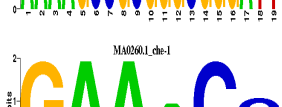

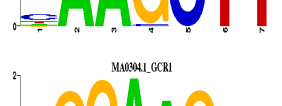






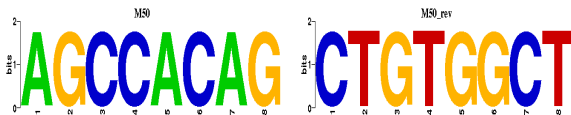
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0080.1_SPI1	1.9306e-03	CAGCCTYCC- ----STTCN	
MA0304.1_GCR1	2.8079e-03	CAGCCTYCC- --GGCTTCCA	
MA0149.1_EWSR1-FL11	2.9415e-03	-----CAGCCTYCC----- CCTTCCTTCCTTCCTTCC	
MA0079.2_SPI1	3.5189e-03	--GGRAGGCTG GGGGNGGGG--	
MA0305.1_GCR2	4.9421e-03	-GGRAGGCTG NGGAAGC---	
MA0080.2_SPI1	5.2389e-03	CAGCCTYCC- ---ACTTCT	
MA0412.1_UME6	5.7841e-03	---CAGCCTYCC- AwwTAGCCGCCSA	
MA0100.1_Myb	7.1070e-03	CAGCCTYCC CAACNGYC-	
MA0026.1_Eip74EF	7.5909e-03	CAGCCTYCC-- ----YTTCGG	
MA0039.1_Klf4	8.9394e-03	----GGRAGGCTG NAARRRAAGG----	








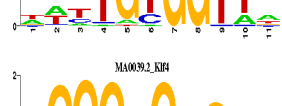


**M63**



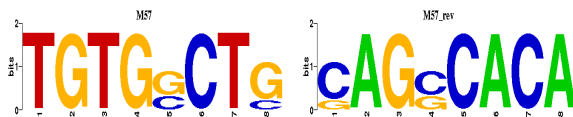
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0053.1_MNB1A	2.9649e-06	CAGGCTTT ---NCTTT	
MA0064.1_PBF	4.7085e-06	CAGGCTTT ---RCTTT	
MA0020.1_Dof2	1.7915e-05	CAGGCTTT --NGCTTT	
MA0021.1_Dof3	5.9069e-05	CAGGCTTT --NRCTTT	
MA0290.1_DAL81	2.7642e-04	-----CAGGCTTT- AATCCCGCCCCGCGCTTTT	
MA0260.1_che-1	6.0279e-04	CAGGCTTT --GGYTTC	
MA0164.1_Nr2e3	1.0574e-03	AAAGCCTG -AAGCTTN	
MA0304.1_GCR1	1.0923e-03	CAGGCTTT-- --GGCTTCCA	
MA0417.1_YAP5	1.7176e-03	CAGGCTTT -ATGCTT-	
MA0101.1_REL	1.7545e-03	--AAAGCCTG GGAAWNYCCN	

M50






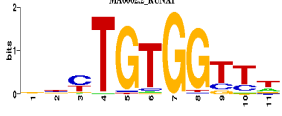

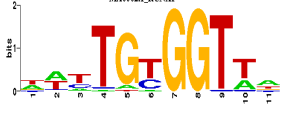

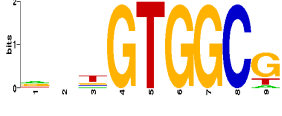

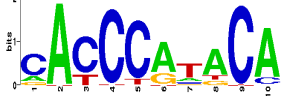
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0332.1_MET28	3.6501e-09	AGCCACAG --CCACAG	
MA0334.1_MET32	1.5447e-07	CTGTGGCT -TGTGCCN	
MA0002.2_RUNX1	2.4686e-07	-AGCCACAG-- NAACCACARNN	
MA0335.1_MET4	1.4746e-06	AGCCACAG-- --CCACAGNT	
MA0285.1_CRZ1	5.9880e-05	CTGTGGCT--- --GNGGCTNNN	
MA0373.1_RPN4	1.7519e-04	CTGTGGCT -GGTGGCG	
MA0002.1_RUNX1	3.7828e-04	--CTGTGGCT- WWYTGTGGTTN	
MA0039.2_Klf4	1.4427e-03	AGCCACAG--- -GCCMCRCCCN	
MA0333.1_MET31	1.5039e-03	AGCCACAG- CGCCACNNN	
MA0343.1_NDT80	2.7888e-03	-----CTGTGGCT----- NNNNGNTTTTGTGKCNNNNNN	

M57



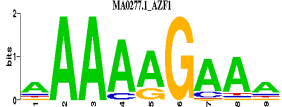
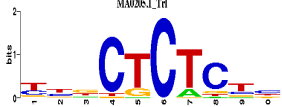
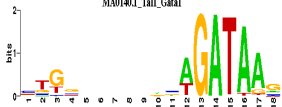
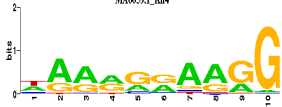
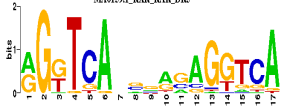


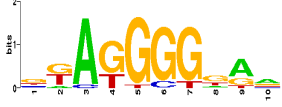

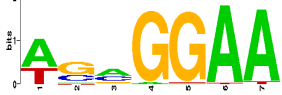
*forward*

*reverse compliment*

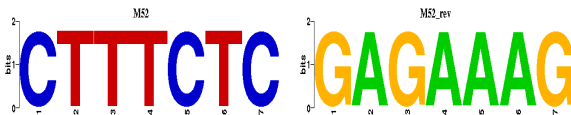
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0334.1_MET32	6.6830e-07	TGTGGCTG TGTGGCN-	
MA0332.1_MET28	6.2728e-05	CAGCCACA- ---CCACAG	
MA0285.1_CRZ1	1.7286e-04	--CAGCCACA NNNAGCCNC-	
MA0002.2_RUNX1	1.8964e-04	CAGCCACA--- NAACCACARNN	
MA0373.1_RPN4	4.9880e-04	TGTGGCTG GGTGGCG-	
MA0002.1_RUNX1	1.2700e-03	---TGTGGCTG WWYTGTGGTTN	
MA0335.1_MET4	1.5454e-03	CAGCCACA--- ---CCACAGNT	
MA0333.1_MET31	3.4804e-03	CAGCCACA-- -CGCCACNNN	
MA0039.2_Klf4	3.4851e-03	CAGCCACA---- --GCCMCRCCCN	
MA0359.1_RAP1	5.3788e-03	--TGTGGCTG TGTATGGGTG	

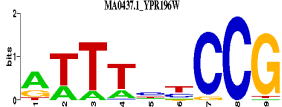









M5



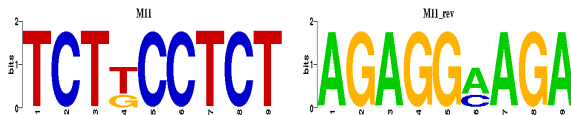
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	6.8317e-03	AGAGAGAGA AAAAAGAAA	
MA0205.1_Tr1	9.1893e-03	-AGAGAGAGA NNGAGAGNNR	
MA0140.1_Tal1_Gata1	1.1257e-02	-----AGAGAGAGA----- NNGNNNNNNNNAGATAAN	
MA0039.1_Klf4	2.1497e-02	TCTCTCTCT- CCTTYYYTTN	
MA0159.1_RXR_RAR_DR5	2.5942e-02	---TCTCTCTCT----- TGACCTNYNNNTGAMCY	
MA0050.1_IRF1	3.4038e-02	----TCTCTCTCT GGTTTCRNTTTN-	
MA0298.1_FZF1	3.8021e-02	AGAGAGAGA TGATAG---	
MA0057.1_MZF1_5-13	3.8756e-02	-TCTCTCTCT NTNCCCCTMN	
MA0207.1_achi	4.4982e-02	TCTCTCTCT -CTGTCA--	
MA0081.1_SPIB	4.9710e-02	TCTCTCTCT TTCKST--	









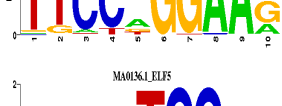
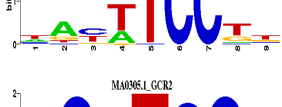
M52



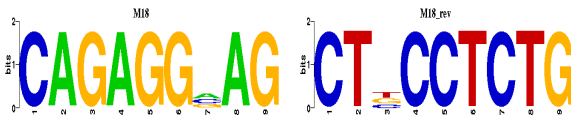
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0437.1_YPR196W	1.7120e-05	--GAGAAAG CGGRNAAAT	
MA0442.1_SOX10	1.9102e-04	GAGAAAG -ACAAWG	
MA0080.2_SPI1	2.5461e-04	-CTTCTC ACTTCCT-	
MA0039.1_Klf4	4.3612e-04	--GAGAAAG- NAARRRAAGG	
MA0277.1_AZF1	5.6393e-04	CTTCTC--- -TTTCTTTT	
MA0053.1_MNB1A	1.0042e-03	-CTTCTC NCTTT---	
MA0064.1_PBF	1.0042e-03	-CTTCTC RCTTT---	
MA0326.1_MAC1	1.2958e-03	-GAGAAAG YGAGCAA	
MA0401.1_SWI4	1.3898e-03	CTTCTC-- -TTTCGCGT	
MA0081.1_SPIB	1.7861e-03	CTTCTC- -TTCKST	







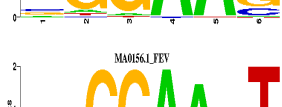


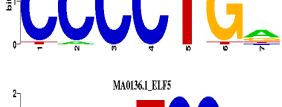
M11



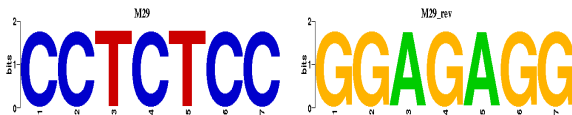
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0081.1_SPIB	1.9796e-08	TCTTCCTCT --TTCKST	
MA0080.2_SPI1	1.7041e-06	TCTTCCTCT ACTTCCT--	
MA0062.1_GABPA	1.0202e-05	AGAGGAAGA- ACCGGAAGNS	
MA0039.1_Klf4	4.8710e-05	-AGAGGAAGA NAARRRAAGG	
MA0080.1_SPI1	1.9599e-04	TCTTCCTCT -STTCN--	
MA0156.1_FEV	3.2382e-04	TCTTCCTCT AYTTCCTG-	
MA0370.1_RME1	3.5454e-04	TCTTCCTCT--- --TNCCTTTNA	
MA0144.1_Stat3	3.8766e-04	TCTTCCTCT-- -CTTCNGGAA	
MA0136.1_ELF5	7.3734e-04	AGAGGAAGA- -NMGGAARTN	
MA0305.1_GCR2	7.7206e-04	AGAGGAAGA --NGGAAGC	

**M18**

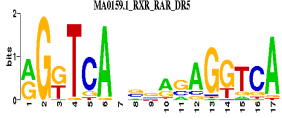


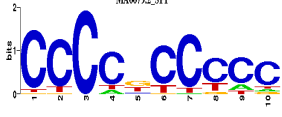
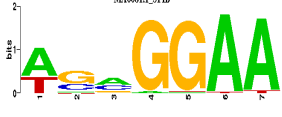
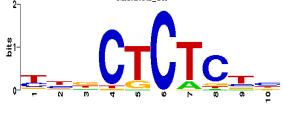

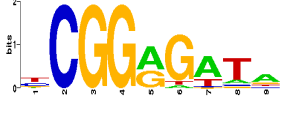
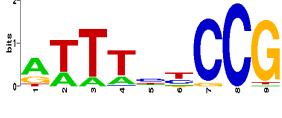
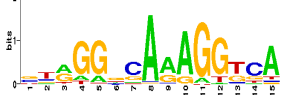


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0081.1_SPIB	3.2583e-07	CTNCCTCTG -TTCKKST-	
MA0370.1_RME1	9.0452e-06	CTNCCTCTG-- -TNCCTTTNNA	
MA0080.2_SPI1	1.7032e-05	-CTNCCTCTG ACTTCCT---	
MA0090.1_TEAD1	1.6528e-04	---CTNCCTCTG YACATTCCWSNG	
MA0039.1_Klf4	2.6713e-04	CAGAGGNAG- NAARRRAAGG	
MA0080.1_SPI1	1.3090e-03	CTNCCTCTG STTCN---	
MA0156.1_FEV	1.6896e-03	-CTNCCTCTG AYTTCCTG--	
MA0144.1_Stat3	1.7661e-03	CTNCCTCTG- CTTCNGGAA	
MA0364.1_REI1	2.1601e-03	-CAGAGGNAG NCAGGGG---	
MA0136.1_ELF5	3.1452e-03	CAGAGGNAG-- --NMGGAARTN	

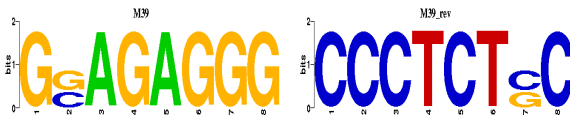
M29





	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0159.1_RXR_RAR_DR5	4.0828e-06	---CCTCTCC----- TGACCTNYNNNTGAMCY	
MA0354.1_PDR8	1.7061e-04	CCTCTCC-- -ATCTCCGN	
MA0432.1_YNR063W	1.8051e-04	--GGAGAGG TCGGAGAT-	
MA0079.2_SP1	4.1023e-04	--CCTCTCC- CCCNCCCC	
MA0081.1_SPIB	8.0955e-04	--CCTCTCC TTCKST--	
MA0205.1_Tr1	8.9097e-04	-GGAGAGG-- NNGAGAGNNR	
MA0312.1_HAP1	1.4319e-03	CCTCTCC- NAWNTCCG	
MA0348.1_OAF1	2.2098e-03	CCTCTCC-- NATCYCCGN	
MA0437.1_YPR196W	2.3186e-03	-GGAGAGG- CGGRNAAAT	
MA0065.2_PPARG_RXRA	3.3903e-03	---CCTCTCC----- TGMCCITTGNCYYN	

M39



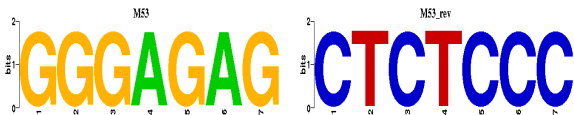
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	4.8402e-05	-GSAGAGGG- GGGGGNGGGG	
MA0065.2_PPARG_RXRA	2.6323e-04	--CCCTCTSC----- TGMCCTTTGNCCYNN	
MA0159.1_RXR_RAR_DR5	2.9867e-04	--CCCTCTSC----- TGACCTNYNNNTGAMCY	
MA0366.1_RGM1	1.7687e-03	GSAGAGGG- ----AGGGG	
MA0342.1_MSN4	1.9583e-03	-CCCTCTSC CCCCT-----	
MA0081.1_SPIB	2.0345e-03	-CCCTCTSC TTCKST--	
MA0354.1_PDR8	2.5669e-03	CCCTCTSC-- --ATCTCCGN	
MA0432.1_YNR063W	2.6827e-03	CCCTCTSC-- --ATCTCCGA	
MA0341.1_MSN2	3.6912e-03	GSAGAGGG- ----AGGGG	
MA0139.1_CTCF	9.3140e-03	-----CCCTCTSC----- NNSYGCCMCCTRSTGGNNR	




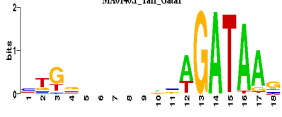
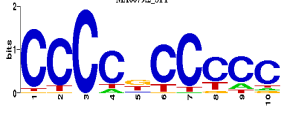
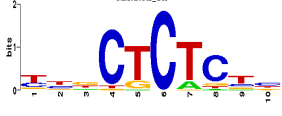
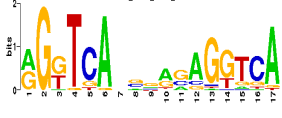


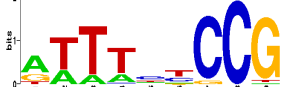
M46



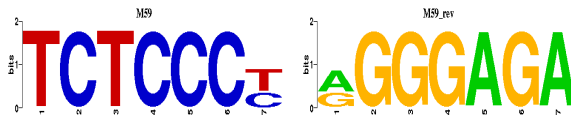
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0354.1_PDR8	1.7061e-04	-TCTCCAG ATCTCCGN	
MA0432.1_YNR063W	1.8051e-04	CTGGAGA- TCGGAGAT	
MA0253.1_vnd	2.0090e-04	--CTGGAGA YACTTGARA	
MA0152.1_NFATC2	3.8159e-04	CTGGAGA- -TGGAAAA	
MA0130.1_ZNF354C	3.9979e-04	CTGGAGA GTGGAK-	
MA0144.1_Stat3	1.3908e-03	----CTGGAGA CTTCCNGGAA-	
MA0312.1_HAP1	1.4319e-03	--TCTCCAG NAWNTCCG-	
MA0348.1_OAF1	2.2098e-03	--TCTCCAG NATCYCCGN	
MA0437.1_YPR196W	2.3186e-03	CTGGAGA--- -CGGRNAAAT	
MA0247.1_tin	2.4717e-03	--CTGGAGA CACTTGAR-	

M53



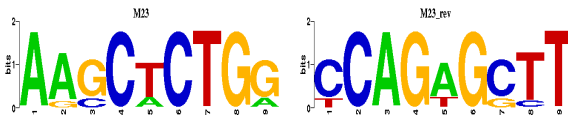
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0062.1_GABPA	6.2175e-05	CTCTCCC--- SNCTTCCGGT	
MA0354.1_PDR8	1.7061e-04	CTCTCCC- ATCTCCGN	
MA0432.1_YNR063W	1.8051e-04	-GGGAGAG TCGGAGAT	
MA0140.1_Tal1_Gata1	2.0182e-04	-----CTCTCCC----- NTTATCTNNNNNNNNCNN	
MA0079.2_SP1	4.1023e-04	---CTCTCCC CCCCNCCCCC	
MA0205.1_Tr1	8.9097e-04	GGGAGAG--- NNGAGAGNNR	
MA0159.1_RXR_RAR_DR5	1.1956e-03	---CTCTCCC----- TGACCTNYNNNTGAMCY	
MA0312.1_HAP1	1.4319e-03	-CTCTCCC NAWNTCCG	
MA0348.1_OAF1	2.2098e-03	-CTCTCCC- NATCYCCGN	
MA0437.1_YPR196W	2.3186e-03	GGGAGAG-- CGGRNAAAT	

M59



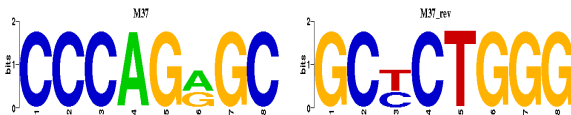
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0354.1_PDR8	1.7061e-04	-TCTCCCY ATCTCCGN	
MA0432.1_YNR063W	1.8051e-04	RGGGAGA- TCGGAGAT	
MA0428.1_YKL222C	4.8947e-04	-TCTCCCY- ATYTCCGTN	
MA0056.1_MZF1_1-4	5.1719e-04	TCTCCCY- --TCCCN	
MA0057.1_MZF1_5-13	5.4412e-04	--RGGGAGA- NKAGGGGNAN	
MA0080.2_SPI1	1.0945e-03	TCTCCCY ACTTCCT	
MA0341.1_MSN2	1.1793e-03	RGGGAGA AGGGG--	
MA0112.2_ESR1	1.3701e-03	-----TCTCCCY----- NNNNNAGGTCANNNTGACCY	
MA0312.1_HAP1	1.4319e-03	--TCTCCCY NAWNTCCG-	
MA0154.1_EBF1	1.4901e-03	TCTCCCY----- --TCCTNGGGN	

M23



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0335.1_MET4	1.1429e-04	CCAGAGCTT CCACAGNT-	
MA0332.1_MET28	5.2316e-04	CCAGAGCTT CCACAG---	
MA0164.1_Nr2e3	6.0004e-04	CCAGAGCTT- ---AAGCTTN	
MA0451.1_kni	2.5218e-03	AAGCTCTGG--- NTGCTCTANTTT	
MA0014.1_Pax5	4.7890e-03	-----CCAGAGCTT- YSGYMCGCWNCRNNNNNCN	
MA0053.1_MNB1A	5.3847e-03	CCAGAGCTT- -----NCTTT	
MA0064.1_PBF	7.1060e-03	CCAGAGCTT- -----RCTTT	
MA0308.1_GSM1	8.5706e-03	-----CCAGAGCTT----- NNNNNTCCGAGNTWNNNNNN	
MA0091.1_TAL1_TCF3	9.2816e-03	--AAGCTCTGG- --NAMCATCTGKT	
MA0389.1_SRD1	9.6564e-03	AAGCTCTGG -AGATCTNN	

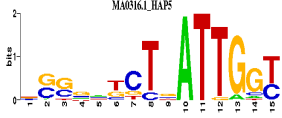
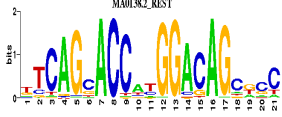


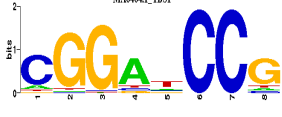




M37



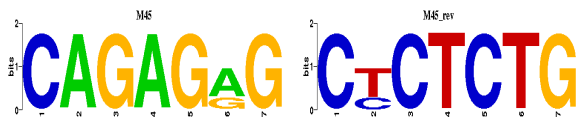
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0003.1_TFAP2A	1.2990e-05	-CCCAGRGC SCNNNNGGC	
MA0154.1_EBF1	5.6861e-05	GCYCTGGG-- TCCCTNNGGN	
MA0451.1_kni	2.3880e-04	--GCYCTGGG-- NTGCTCTANTTT	
MA0116.1_Zfp423	6.9212e-04	---GCYCTGGG--- GNMMCCYTRGGKSC	
MA0332.1_MET28	9.0706e-04	CCCAGRGC -CCACAG-	
MA0364.1_REI1	3.5282e-03	CCCAGRGC -NCAGGGG	
MA0163.1_PLAG1	4.2176e-03	---CCCAGRGC--- CCCCCTTNGGCCCC	
MA0362.1_RDS2	4.6174e-03	CCCAGRGC CCCCGAN-	
MA0155.1_INSM1	5.0394e-03	----CCCAGRGC YGCCCCCTGRCA	
MA0092.1_Hand1_T	8.7489e-03	--CCCAGRGC NWNCCAGAYN	

M42


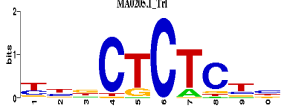

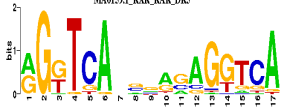
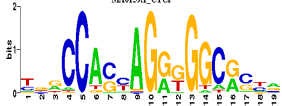
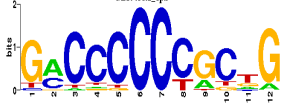



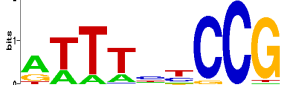


	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0316.1_HAP5	4.1698e-05	-----CAGAGCC-- ACCAATNAGMNNSSN	
MA0138.2_REST	1.7808e-03	GGCTCTG----- GNNGCTGTCCNNGGTGCTGAN	
MA0451.1_kni	5.0983e-03	-GGCTCTG---- NTGCTCTANTTT	
MA0384.1_SNT2	7.7266e-03	-GGCTCTG--- NGGCGCTAYCA	
MA0404.1_TBS1	8.8026e-03	-GGCTCTG CGGANCCG	
MA0278.1_BAS1	1.0557e-02	-----GGCTCTG----- NNNWNVTGACTCNGGCYNNNN	
MA0332.1_MET28	1.5524e-02	-CAGAGCC CCACAG--	
MA0020.1_Dof2	2.5923e-02	GGCTCTG NGCTTT-	
MA0364.1_REI1	2.6111e-02	-CAGAGCC NCAGGGG-	
MA0064.1_PBF	2.6667e-02	GGCTCTG -RCTTT-	

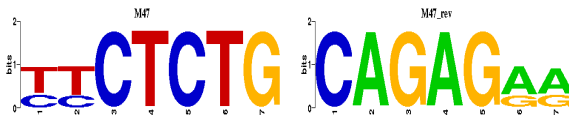
M45





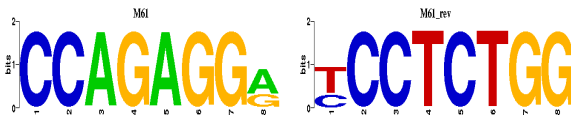
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0354.1_PDR8	1.7360e-03	CTCTCTG- ATCTCCGN	
MA0205.1_Trl	1.9733e-03	---CTCTCTG YNNCTCTCNN	
MA0432.1_YNR063W	2.0312e-03	CTCTCTG- ATCTCCGA	
MA0159.1_RXR_RAR_DR5	3.7850e-03	----CTCTCTG----- TGACCTNYNNNTGAMCY	
MA0139.1_CTCF	9.0857e-03	----CTCTCTG----- NNSYGCCMCCTRSTGGNRR	
MA0456.1_opa	9.6481e-03	CAGAGAG----- CNGCGGGGGGKCK	
MA0155.1_INSM1	1.4966e-02	--CTCTCTG--- YGCCCCCTGRCA	
MA0332.1_MET28	1.5524e-02	-CAGAGAG CCACAG--	
MA0312.1_HAP1	1.6430e-02	-CTCTCTG NAWNTCCG	
MA0437.1_YPR196W	1.7880e-02	CAGAGAG-- CGGRNAAAT	

M47



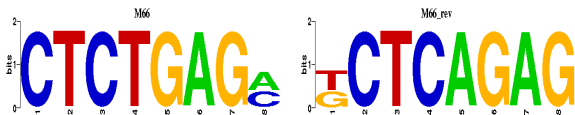
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0437.1_YPR196W	4.9692e-04	CAGAGAA-- CGGRNAAAT	
MA0081.1_SPIB	9.6267e-04	-TTCTCTG TTCKST-	
MA0354.1_PDR8	1.7574e-03	TTCTCTG- ATCTCCGN	
MA0432.1_YNR063W	2.0586e-03	TTCTCTG- ATCTCCGA	
MA0370.1_RME1	2.2715e-03	-TTCTCTG-- TNCCTTTNA	
MA0140.1_Tal1_Gata1	2.4636e-03	-TTCTCTG----- NTTATCTNNNNNNNNCNN	
MA0287.1_CUP2	2.8478e-03	CAGAGAA---- CAGCARAAAWG	
MA0371.1_ROX1	9.3758e-03	CAGAGAA----- --GAGAACAATNGR	
MA0277.1_AZF1	1.2669e-02	-TTCTCTG- TTTCTTTTT	
MA0039.1_Klf4	1.3052e-02	---TTCTCTG CCTYYYYTTN	

**M61**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0370.1_RME1	1.8962e-06	-TCCTCTGG- TNCCTTTNNA	
MA0081.1_SPIB	1.4375e-05	-TCCTCTGG TTCCKST--	
MA0332.1_MET28	1.6557e-04	CCAGAGGA CCACAG--	
MA0139.1_CTCF	6.9059e-04	-----CCAGAGGA----- YNNCCASYAGGKGGCRSNN	
MA0090.1_TEAD1	1.0668e-03	-----TCCTCTGG YACATTCCWSNG-	
MA0364.1_REI1	1.0732e-03	CCAGAGGA NCAGGGG-	
MA0154.1_EBF1	2.3353e-03	TCCTCTGG-- TCCCTNGGGN	
MA0092.1_Hand1_T	2.8354e-03	---CCAGAGGA NWNCCAGAYN-	
MA0451.1_kni	2.9480e-03	---CCAGAGGA- AAANTAGAGCAN	
MA0335.1_MET4	3.6086e-03	CCAGAGGA CCACAGNT	

**M66**



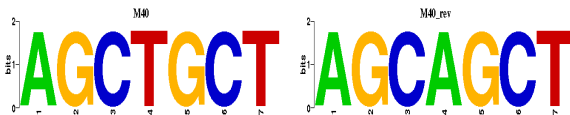
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0432.1_YNR063W	1.6183e-04	-KCTCAGAG ATCTCCGA-	
MA0407.1_THI2	3.0649e-03	--KCTCAGAG----- GTTCTTASRGTTKCC	
MA0282.1_CEP3	7.2147e-03	-CTCTGAGM NTTCCGAR-	
MA0150.1_NFE2L2	1.1507e-02	CTCTGAGM--- TGCTNWTCA Y	
MA0316.1_HAP5	1.3547e-02	---KCTCAGAG----- ACCAATNAGMNNSSN	
MA0354.1_PDR8	1.3977e-02	-KCTCAGAG ATCTCCGN-	
MA0326.1_MAC1	1.7120e-02	CTCTGAGM--- ---YGAGCAA	
MA0320.1_IME1	2.0297e-02	KCTCAGAG- -CTCGGCGG	
MA0332.1_MET28	2.5950e-02	KCTCAGAG CCACAG--	
MA0155.1_INSM1	2.6090e-02	----CTCTGAGM YGCCCCCTGRCA	

M31



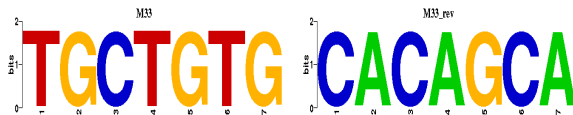
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0451.1_kni	1.1552e-05	CTGCTCT----- NIGCTCTANTTT	
MA0326.1_MAC1	1.6856e-04	-CTGCTCT TTTGCTCR	
MA0081.1_SPIB	4.6844e-03	CTGCTCT TTCKST	
MA0053.1_MNB1A	8.5601e-03	CTGCTCT --NCITT	
MA0454.1_odd	8.7221e-03	CTGCTCT----- NIGCTACTGTN	
MA0371.1_ROX1	1.0593e-02	-AGAGCAG----- GAGAACAATNGR	
MA0064.1_PBF	1.1140e-02	CTGCTCT --RCTTT	
MA0148.1_FOXA1	1.2628e-02	-AGAGCAG--- NWRWGYAAACA	
MA0287.1_CUP2	1.5387e-02	AGAGCAG----- -CAGCARAAAWG	
MA0020.1_Dof2	1.5736e-02	CTGCTCT -NGCTTT	

**M40**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0055.1_Myf	1.3055e-06	----AGCTGCT- CAGCAGYTGCTG	
MA0048.1_NHLH1	2.9187e-06	-AGCAGCT---- NCGCAGCTGCGN	
MA0402.1_SWI5	1.5303e-03	-AGCAGCT NACCAGCA	
MA0454.1_odd	5.8191e-03	-AGCTGCT--- NTGCTACTGTN	
MA0412.1_UME6	8.8366e-03	----AGCTGCT-- AWWTAGCCGCCSA	
MA0111.1_Spz1	9.6324e-03	AGCTGCT----- -GCTGWTACCT	
MA0164.1_Nr2e3	1.0467e-02	-AGCTGCT AAGCTTN-	
MA0267.1_ACE2	1.0684e-02	AGCTGCT NGCTGGN	
MA0365.1_RFX1	1.1844e-02	AGCTGCT- NGTTGCYA	
MA0103.1_ZEB1	1.4806e-02	-AGCTGCT NAGGTG--	

M33

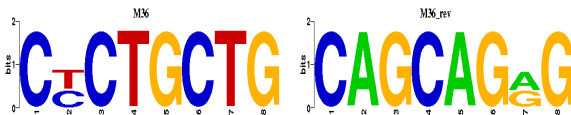


*forward*

*reverse compliment*

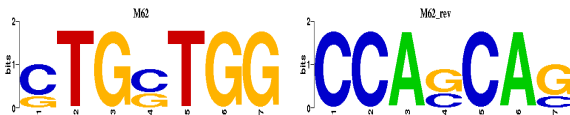
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0150.1_NFE2L2	1.9560e-06	----CACAGCA RTGACWNAGCA	
MA0332.1_MET28	6.2435e-06	-CACAGCA CCACAG--	
MA0335.1_MET4	2.0192e-04	-CACAGCA CCACAGNT	
MA0402.1_SWI5	2.0916e-04	-CACAGCA NACCAGCA	
MA0002.2_RUNX1	2.3166e-03	----CACAGCA NAACCACARNN	
MA0242.1_run_Bgb	2.5347e-03	-TGCTGTG- TTGCGGTTW	
MA0287.1_CUP2	2.9572e-03	CACAGCA----- --CAGCARAAAWG	
MA0454.1_odd	3.0258e-03	----TGCTGTG NTGCTACTGTN	
MA0207.1_achi	3.8877e-03	TGCTGTG- --CTGTCA	
MA0111.1_Spz1	4.8614e-03	TGCTGTG----- -GCTGWTACCT	

M36



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0139.1_CTCF	2.8910e-06	-----CYCTGCTG----- NNSYGCCMCTRSTGNNR	
MA0456.1_opa	4.2833e-06	CAGCAGRG----- CNGCGGGGGGKC	
MA0287.1_CUP2	3.0929e-05	---CYCTGCTG CWTTTYTGCTG	
MA0402.1_SWI5	7.5032e-04	---CAGCAGRG NACCAGCA---	
MA0055.1_Myf	8.7668e-04	----CYCTGCTG MRGCARCTGCTG	
MA0364.1_REI1	2.0085e-03	CAGCAGRG-- --NCAGGG	
MA0048.1_NHLH1	3.4956e-03	-CYCTGCTG--- NCGCAGCTGCGN	
MA0320.1_IME1	3.7573e-03	CYCTGCTG CTCGGCGG	
MA0283.1_CHA4	6.3954e-03	CAGCAGRG-- -GGCGGAGN	
MA0150.1_NFE2L2	7.1586e-03	CYCTGCTG----- ---TGCTNWGTCAY	

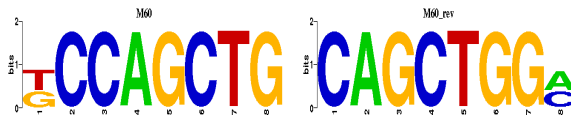
**M62**





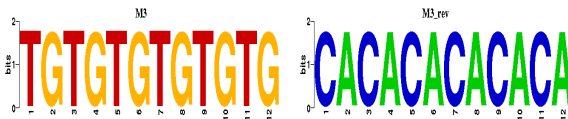
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0139.1_CTCF	7.3384e-07	---CCASCAG----- YNNCCASYAGGKGGCRSNN	
MA0402.1_SWI5	1.0404e-06	--CCASCAG NACCAGCA-	
MA0055.1_Myf	6.5902e-05	CCASCAG----- -CAGCAGYTG CYK	
MA0267.1_ACE2	1.9907e-04	CTGSTGG- -NGCTGGN	
MA0193.1_Lag1	5.0318e-04	CTGSTGG TTGGTRG	
MA0287.1_CUP2	1.0027e-03	-----CTGSTGG CWTTTYTGCTG-	
MA0373.1_RPN4	3.3676e-03	CTGSTGG-- --GGTGGCG	
MA0150.1_NFE2L2	5.0009e-03	CTGSTGG----- -TGCTNWGTCAY	
MA0086.1_sna	5.3049e-03	CCASCAG -CACCTG	
MA0454.1_odd	9.4543e-03	---CTGSTGG- NTGCTACTGTN	

**M60**



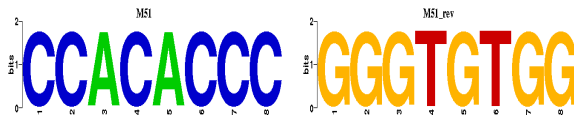
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0048.1_NHLH1	4.5394e-05	-KCCAGCTG--- NCGCAGCTGCGN	
MA0055.1_Myf	1.4456e-04	-KCCAGCTG--- CAGCAGYTGCYK	
MA0267.1_ACE2	1.7345e-04	CAGCTGGM -NGCTGNN	
MA0086.1_sna	1.9775e-04	KCCAGCTG --CACCTG	
MA0091.1_TAL1_TCF3	4.0188e-04	--KCCAGCTG-- NNAMCATCTGKT	
MA0402.1_SWI5	6.1244e-04	CAGCTGGM- -TGCTGGTN	
MA0456.1_opa	9.4368e-04	CAGCTGGM---- CNGCGGGGGKGC	
MA0092.1_Hand1_T	5.7622e-03	--KCCAGCTG NWNCCAGAYN	
MA0145.1_Tcfcp2l1	7.4986e-03	-----CAGCTGGM CYGGNTNNRNCYGG-	
MA0104.2_Mycn	7.7198e-03	KCCAGCTG-- GCCACGTGSN	







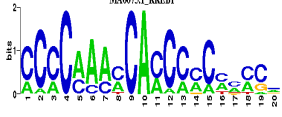

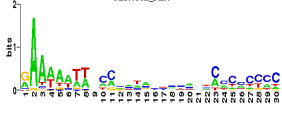

M3



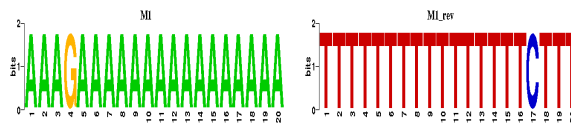
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0359.1_RAP1	2.2055e-06	TGTGTGTGTGTG TGTAITGGGTG--	
MA0073.1_RREB1	1.1533e-03	TGTGTGTGTGTG----- NGKKKGKGGGTGKTTTGGGG	
MA0162.1_Egr1	4.5498e-03	CACACACACACA -MCGCCCACGCN	
MA0041.1_Foxd3	6.7680e-03	CACACACACACA- -AAANAAACAWTN	
MA0343.1_NDT80	6.7761e-03	-----CACACACACACA---- NNNNNNGMCACAAAANCNNNN	
MA0327.1_MATA1	1.0179e-02	--TGTGTGTGTGTG ATTGTGY-----	
MA0068.1_Pax4	1.2538e-02	-----CACACACACACA-- RAAWAWWWNNMNNNNNNNNNNMNNNNNYMC	
MA0042.1_FOXI1	1.5947e-02	CACACACACACA- -AWAYAAAYANNN	
MA0332.1_MET28	2.4648e-02	-CACACACACACA CCACAG-----	
MA0288.1_CUP9	2.4847e-02	--TGTGTGTGTGTG WWTGTGTCA-----	

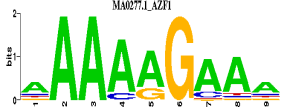
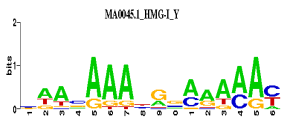
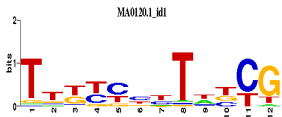
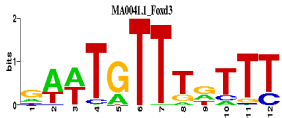
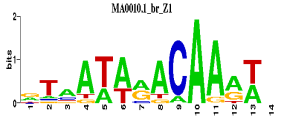


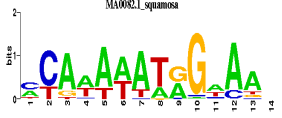
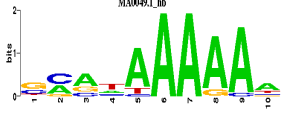

M51



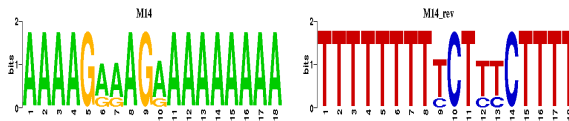
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0039.2_Klf4	1.7340e-09	-CCACACCC- GCCMCRCN	
MA0270.1_AFT2	2.3087e-06	-GGGTGTGG NGGGTGTN-	
MA0332.1_MET28	1.7502e-05	CCACACCC CCACAG--	
MA0009.1_T	2.8691e-05	--GGGTGTGG- CTAGGTGTGAA	
MA0450.1_hkb	5.9828e-05	CCACACCC- TCACGCCM	
MA0334.1_MET32	1.7110e-04	GGGTGTGG-- ---TGTTGCN	
MA0073.1_RREB1	2.6239e-04	-----GGGTGTGG----- NGKKKGKGGGTGKTTTGGGG	
MA0335.1_MET4	6.1244e-04	CCACACCC CCACAGNT	
MA0068.1_Pax4	1.0932e-03	-----CCACACCC----- RAAWAWWWNNMNNNNNNNNNNMNNNNNYMC	
MA0436.1_YPR022C	1.3288e-03	GGGTGTGG -NGTGGG	

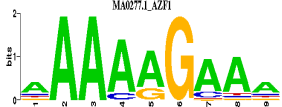
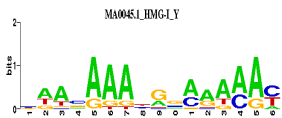
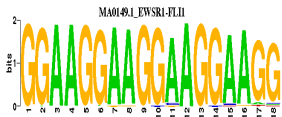
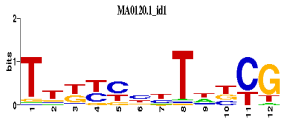
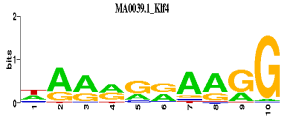


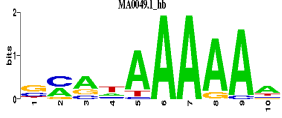

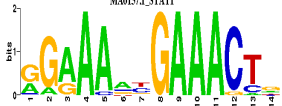
**M1**



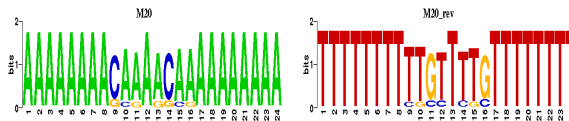
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	3.1926e-07	TTTTTTTTTTTTTTTTCTTT TTTCTTTTT-----	
MA0045.1_HMG-I_Y	2.0429e-05	TTTTTTTTTTTTTTTTCTTT ----RTTYKKNYNTTNTNN	
MA0120.1_id1	4.0622e-05	AAAGAAAAAAAAAAAAAAAA --CGNNANNRRMNA-----	
MA0041.1_Foxd3	1.1651e-03	TTTTTTTTTTTTTTTTCTTT AWGTTTTNTTT-----	
MA0010.1_br_Z1	1.2194e-03	-AAAGAAAAAAAAAAAAAAAA N--NTNATARACAARWN----	
MA0287.1_CUP2	1.3504e-03	AAAGAAAAAAAAAAAAAAAA -CAGCARAAAWG-----	
MA0013.1_br_Z4	1.5274e-03	TTTTTTTTTTTTTTTTCTTT -----WTWNTTTACTA-	
MA0082.1_squamosa	2.3968e-03	-AAAGAAAAAAAAAAAAAAAA M--MCAWAWATRGNAAN----	
MA0049.1_hb	3.1070e-03	-TTTTTTTTTTTTTTTTCTTT NTTTTTNYKS-----	
MA0294.1_EDS1	3.9328e-03	TTTTTTTTTTTTTTTTCTTT -----NTNTTCCN-	

**M14**



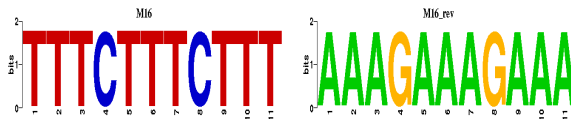
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	4.0898e-08	-AAAAGAAAGAAAAAAAAA AAAAGAAA-----	
MA0045.1_HMG-I_Y	1.4211e-05	TTTTTTTTTCTTTCTTTT -RTTTYKYNNTTTNTNN-	
MA0149.1_EWSR1-FLI1	2.8030e-05	TTTTTTTTTCTTTCTTTT CCTTCCTTCCTTCCTTCC	
MA0120.1_id1	4.8355e-05	AAAAGAAAGAAAAAAAAA ---CGNNANNRRMNA---	
MA0039.1_Klf4	6.9072e-05	AAAAGAAAGAAAAAAAAA NAARRRAAGG-----	
MA0287.1_CUP2	1.3281e-03	AAAAGAAAGAAAAAAAAA -----CAGCARAAAWG-	
MA0013.1_br_Z4	1.4794e-03	TTTTTTTTTCTTTCTTTT -WTWNITTACTA-----	
MA0049.1_hb	2.2026e-03	-TTTTTTTTTCTTTCTTTT NTTTTTNYKS-----	
MA0294.1_EDS1	3.2792e-03	TTTTTTTTTCTTTCTTTT ---NTTNTCCN-----	
MA0137.1_STAT1	4.3593e-03	---TTTTTTTTTCTTTCTTTT NAGTTTCNNTTTCY-----	

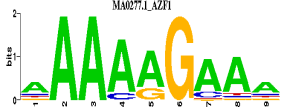

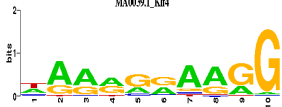
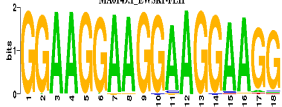

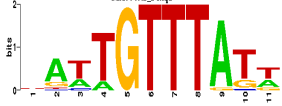


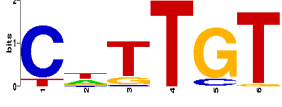

**M20**



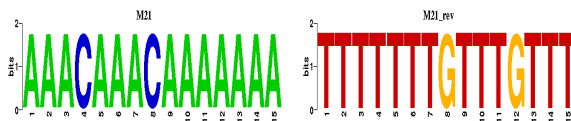
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	1.5808e-07	TTTTTTTTTTGTTTTGTTTTTTTT -----TTCTTTT---	
MA0041.1_Foxd3	5.1233e-06	TTTTTTTTTTGTTTTGTTTTTTTT -----NAWTGTTTNTTT-	
MA0010.1_br_Z1	2.2877e-05	TTTTTTTTTTGTTTTGTTTTTTTT -----NWYTTGTYTATNAN	
MA0045.1_HMG-I_Y	3.4723e-05	TTTTTTTTTTGTTTTGTTTTTTTT ---RTTYKNYNTTNTNN----	
MA0013.1_br_Z4	2.1241e-04	TTTTTTTTTTGTTTTGTTTTTTTT -----WTWNTTACTA-	
MA0040.1_Foxq1	3.2173e-04	AAAAAAAAACAAAACAAAAAAAAAA --WATAACAATN-----	
MA0137.1_STAT1	5.3629e-04	TTTTTTTTTTGTTTTGTTTTTTTT -----NAGTTTCNNTTTCY--	
MA00445.1_D	9.4600e-04	AAAAAAAAACAAAACAAAAAAAAAA ----ANAACAATRGN-----	
MA0388.1_SPT23	1.0808e-03	AAAAAAAAACAAAACAAAAAAAAAA ---RAAATSAA-----	
MA0050.1_IRF1	1.2727e-03	TTTTTTTTTTGTTTTGTTTTTTTT -----GTTTCRNTTN---	

**M16**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	3.7237e-09	TTTCTTTCTTT TTTCTTTTT--	
MA0082.1_squamosa	7.3057e-06	--AAAGAAAGAAA-- MCAWAWATRGNAAN	
MA0039.1_Klf4	8.7588e-06	--AAAGAAAGAAA NAARRRAAGG--	
MA0149.1_EWSR1-FLI1	6.1015e-05	--AAAGAAAGAAA----- GGAAGGAAGGAAGGAAGG	
MA0041.1_Foxd3	1.2716e-03	-TTTCTTTCTTT NAWTGTTNTTT	
MA0040.1_Foxq1	1.6930e-03	AAAGAAAGAAA-- -WATAACAATN	
MA0370.1_RME1	1.7464e-03	TTTCTTTCTTT TNCCTTTNNA-	
MA0010.1_br_Z1	1.8941e-03	--AAAGAAAGAAA-- NTNATARACAARWN	
MA0442.1_SOX10	1.8989e-03	AAAGAAAGAAA --ACAAGW---	
MA0013.1_br_Z4	3.0113e-03	TTTCTTTCTTT WTWNTTTACTA	

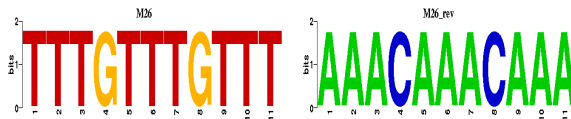
**M21**





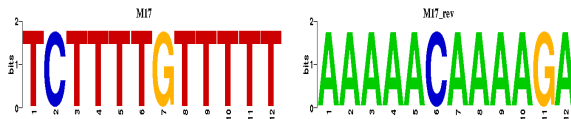
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0041.1_Foxd3	1.4139e-09	TTTTTTTGTGGTT ---NAWTGTTTNTT	
MA0045.1_HMG-I_Y	1.6508e-08	-TTTTTTTGTGGTT RTTYKKNYNTTNTNN	
MA0042.1_FOXI1	8.3095e-07	TTTTTTTGTGGTT ---NNNTRTTTTRWT	
MA0010.1_br_Z1	1.9892e-05	TTTTTTTGTGGTT- --NWYTTGTYTATNAN	
MA0040.1_Foxq1	2.2675e-05	AAACAAACAAAAAA -WATAACAATN---	
MA0446.1_fkh	2.4112e-05	TTTTTTTGTGGTT-- -----TGTTTRNNYAN	
MA0013.1_br_Z4	7.1722e-05	TTTTTTTGTGGTT ----WTWNNTTACTA	
MA0277.1_AZF1	1.1735e-04	TTTTTTTGTGGTT --TTCTTTTT----	
MA0049.1_hb	2.0590e-04	-TTTTTTTGTGGTT NTTTTTNYKS-----	
MA0047.1_Foxa2	2.2701e-04	AAACAAACAAAAAA AARYAATANTN---	






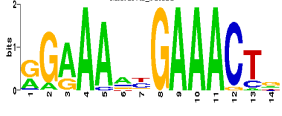



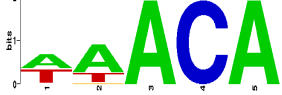
M26



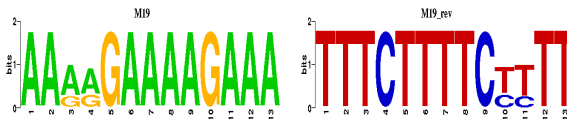
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0041.1_Foxd3	3.5723e-12	-TTTGTTTGT NAWIGTTTNTT	
MA0042.1_FOXI1	8.7086e-09	-TTTGTTTGT NNNTRTTTTRTWT	
MA0040.1_Foxq1	1.0097e-06	AAACAAACAAA- -WATAACAATN	
MA0446.1_fkh	1.0865e-06	TTTGTTTGT-- --TGTTTRNNYAN	
MA0010.1_br_Z1	1.9431e-06	-AAACAAACAAA-- NTNATARACAARWN	
MA0013.1_br_Z4	4.0077e-06	TTTGTTTGT WTWNTTACTA	
MA0047.1_Foxa2	9.5372e-06	AAACAAACAAA- AARYAAATANTN	
MA0277.1_AZF1	3.7555e-05	TTTGTTTGT TTTCTTTT--	
MA0148.1_FOXA1	5.8159e-05	--AAACAAACAAA NWRWGYYAACA--	
MA0233.1_mirr	2.3264e-04	TTTGTTTGT --TGTTW----	


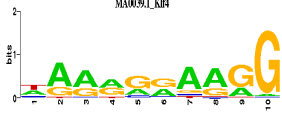
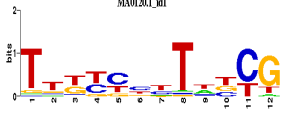
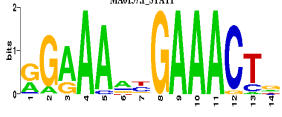




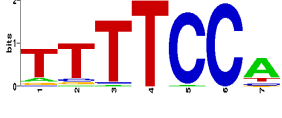

M17



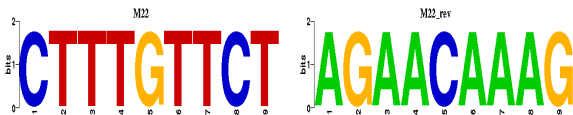
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	1.0082e-08	TCTTTTGTTTTT ---TTCTTTTT	
MA00445.1_D	1.2397e-07	AAAAACAAAAGA -ANAACAATRGN	
MA0010.1_br_Z1	3.4276e-06	TCTTTTGTTTTT--- -NWYTTGTYTATNAN	
MA0371.1_ROX1	3.9700e-05	AAAAACAAAAGA GAGAACAATNGR	
MA0388.1_SPT23	1.2238e-04	AAAAACAAAAGA RAAATSAA----	
MA0137.1_STAT1	1.4875e-04	-TCTTTTGTTTTT- NAGTTTCNNTTTCY	
MA0143.1_Sox2	2.0772e-04	TCTTTTGTTTTT---- -CCWTTGTNATGCANA	
MA0013.1_br_Z4	2.5023e-04	TCTTTTGTTTTT-- ---WTWNTTACTA	
MA0040.1_Foxq1	3.0413e-04	-AAAAACAAAAGA WATAAACAATN--	
MA0233.1_mirr	3.1834e-04	TCTTTTGTTTTT -----TGTTW--	

**M19**



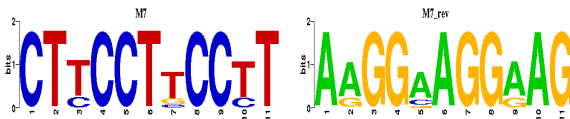
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	1.5203e-09	AAAAGAAAAGAAA ----AAAAGAAA	
MA0039.1_Klf4	2.3655e-06	AAAAGAAAAGAAA NAARRRAAGG----	
MA0120.1_id1	6.5675e-06	---AAAAGAAAAGAAA CGNNANNRRMNA----	
MA0137.1_STAT1	3.0121e-04	---TTTCTTTTCTTTT NAGTTTCNNTTTCY--	
MA0013.1_br_Z4	4.6350e-04	TTTCTTTTCTTTT WTWNTTTACTA--	
MA0082.1_squamosa	6.1435e-04	-TTTCTTTTCTTTT NTTNCYATWTWIGK	
MA0030.1_FOXP2	7.2576e-04	TTTCTTTTCTTTT- NNTGTTTACSNNTN	
MA0029.1_Evi1	7.8014e-04	---TTTCTTTTCTTTT NNTTATCTTRCTN--	
MA0152.1_NFATC2	7.8233e-04	AAAAGAAAAGAAA --TGAAAA-----	
MA0287.1_CUP2	9.0355e-04	-AAAAGAAAAGAAA CAGCARAAAWG---	

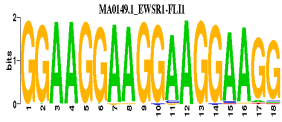
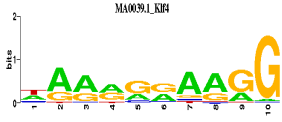

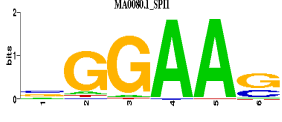

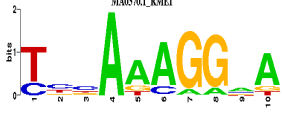
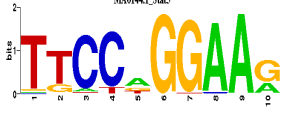



M22



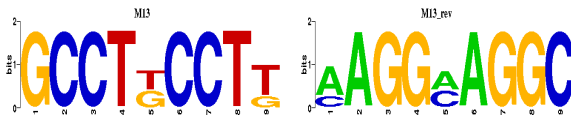
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA00445.1_D	7.6547e-09	AGAACAAAG-- ANAACAATRGN	
MA0371.1_ROX1	7.4342e-08	-AGAACAAAG-- GAGAACAATNGR	
MA0442.1_SOX10	2.1068e-07	AGAACAAAG ---ACAANG	
MA0143.1_Sox2	8.9640e-07	-CTTTGTTCT----- CCWTTGTNATGCANA	
MA0142.1_Pou5f1	4.0066e-06	-----AGAACAAAG ATTTGCATNACAANG	
MA0326.1_MAC1	4.4465e-05	AGAACAAAG YGAGCAA-	
MA0261.1_lin-14	1.4345e-04	CTTTGTTCT --NYGTTCT-	
MA0077.1_SOX9	3.3253e-04	-CTTTGTTCT CYATTGTTN-	
MA0115.1_NR1H2_RXRA	3.3776e-04	-----CTTTGTTCT-- STTGACCTTTGACCTTT	
MA0087.1_Sox5	3.9006e-04	CTTTGTTCT -ATTGTTN-	


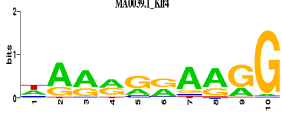


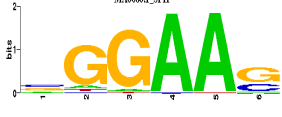
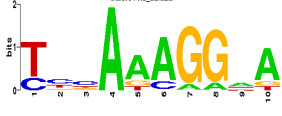

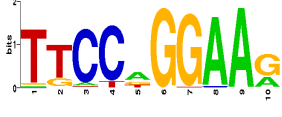


M7



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0149.1_EWSR1-FL11	1.1102e-16	-CTTCCTTCCTT----- CCTTCCTTCCTTCCTTCC	
MA0039.1_Klf4	6.6199e-07	--AAGGAAGGAAG NAARRRAAGG---	
MA0080.2_SPI1	3.2818e-06	CTTCCTTCCTT ---ACTTCCT-	
MA0080.1_SPI1	2.6879e-04	CTTCCTTCCTT ----STTCN-	
MA0156.1_FEV	7.5493e-04	-CTTCCTTCCTT AYTTCCTG----	
MA0370.1_RME1	9.7455e-04	CTTCCTTCCTT---- -----TNCCTTTNNA	
MA0144.1_Stat3	1.1419e-03	CTTCCTTCCTT---- ----CTTCNGGAA	
MA0305.1_GCR2	1.1830e-03	AAGGAAGGAAG -NGGAAGC---	
MA0026.1_Eip74EF	1.4473e-03	AAGGAAGGAAG ----CCGGAAR	
MA0136.1_ELF5	1.9684e-03	AAGGAAGGAAG-- ----NMGGAARTN	

M13



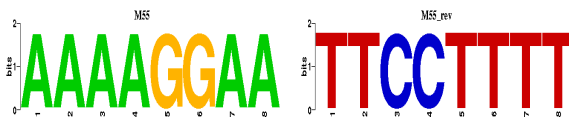
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0149.1_EWSR1-FL11	2.4052e-07	GCCTKCCTT----- -CCTTCCTTCCTTCCTTCC	
MA0039.1_Klf4	4.1012e-06	--AAGGMAGGC NAARRRAAGG-	
MA0080.2_SPI1	1.1038e-05	GCCTKCCTT -ACTTCCT-	
MA0156.1_FEV	4.7353e-04	GCCTKCCTT -AYTTCCTG	
MA0080.1_SPI1	8.9853e-04	GCCTKCCTT --STTCN-	
MA0370.1_RME1	9.9385e-04	----AAGGMAGGC TNNAAAGGNA---	
MA0340.1_MOT3	1.0254e-03	AAGGMAGGC NAGGYA---	
MA0144.1_Stat3	1.1900e-03	GCCTKCCTT--- --CTTCNGGAA	
MA0304.1_GCR1	1.2949e-03	GCCTKCCTT GGCTTCCA-	
MA0026.1_Eip74EF	1.7336e-03	GCCTKCCTT --YTTCGG	

**M10**

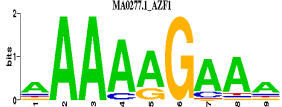











	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0149.1_EWSR1-FL11	6.7581e-07	-----AGAAGGAAGA GGAAGGAAGGAAGGAAGG	
MA0080.2_SPI1	2.4075e-06	TCTTCCTTCT ACTTCCT---	
MA0039.1_Klf4	9.7491e-05	TCTTCCTTCT CCTTYYYTTN	
MA0080.1_SPI1	1.5380e-04	TCTTCCTTCT -STTCN---	
MA0156.1_FEV	2.3726e-04	AGAAGGAAGA --CAGGAART	
MA0120.1_id1	2.7759e-04	--AGAAGGAAGA CGNNANNRRMNA	
MA0062.1_GABPA	3.9427e-04	AGAAGGAAGA- -ACCGGAAGNS	
MA0144.1_Stat3	4.0354e-04	TCTTCCTTCT- -CTTCCNGGAA	
MA0323.1_IXR1	4.8516e-04	----TCTTCCTTCT- CMCCGCTTCCGGYTT	
MA0305.1_GCR2	6.7460e-04	TCTTCCTTCT GCTTCN---	

M55


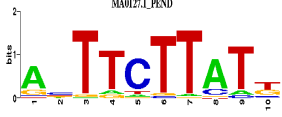
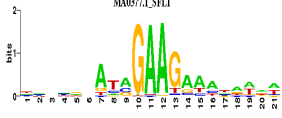

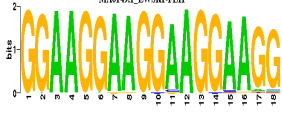
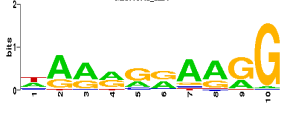



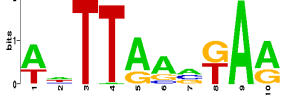




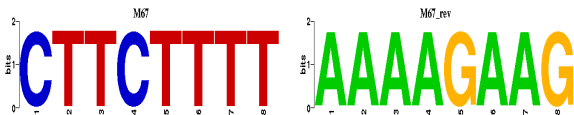
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	2.5488e-09	-TTCCTTTT TTTCCTTTT	
MA0370.1_RME1	1.7928e-08	TTCCTTTT-- TNCCTTTNNA	
MA0120.1_id1	4.1118e-06	--AAAAGGAA-- CGNNANRRMNA	
MA0137.1_STAT1	6.3628e-06	----TTCCTTTT-- NAGTTTCNNTTTCY	
MA0039.1_Klf4	1.1588e-05	AAAAGGAA-- NAARRRAAGG	
MA0081.1_SPIB	5.4064e-05	TTCCTTTT TTCKST-	
MA0045.1_HMG-I_Y	6.4177e-05	----TTCCTTTT---- RTTTYKNYNTTNTNN	
MA0082.1_squamosa	7.0508e-05	----AAAAGGAA-- MCAWAWATRGNAAN	
MA0080.2_SPI1	1.9047e-04	--TTCCTTTT ACTTCT---	
MA0149.1_EWSR1-FL11	2.4729e-04	AAAAGGAA----- GGAAGGAAGGAAGG	


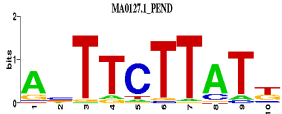
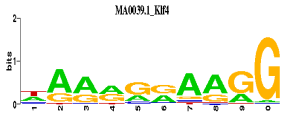



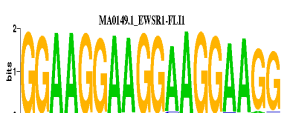



**M65**



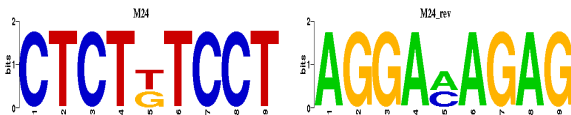
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	8.3978e-06	--AAAGAAGA AAAAAGAAA-	
MA0127.1_PEND	1.7461e-05	--AAAGAAGA MATAAGAANT	
MA0377.1_SFL1	3.6458e-05	-----AAAGAAGA----- NNNNNNANNGAAGAWNNWNW	
MA0080.2_SPI1	7.4976e-04	TCTTCITT ACTTCCT-	
MA0149.1_EWSR1-FLI1	1.2875e-03	-----TCTTCITT-- CCTTCCTTCCTTCCTTC	
MA0039.1_Klf4	1.4552e-03	TCTTCITT-- CCTTYYYTIN	
MA0053.1_MNB1A	1.7687e-03	TCTTCITT ---NCTTT	
MA0064.1_PBF	1.7687e-03	TCTTCITT ---RCTTT	
MA0062.1_GABPA	4.8041e-03	-AAAGAAGA- ACCGAAGNS	
MA0387.1_SPT2	5.3311e-03	TCTTCITT---- --TTMNTAANT	




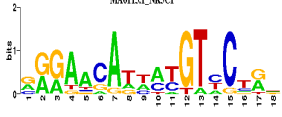


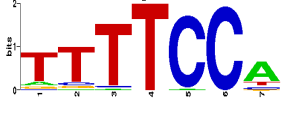

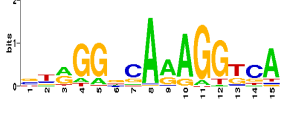
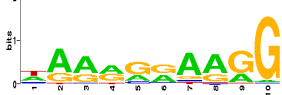
**M67**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	4.1899e-09	-AAAAGAAG AAAAAGAAA	
MA0127.1_PEND	3.8028e-07	-AAAAGAAG- MATAAGAANT	
MA0039.1_Klf4	8.0384e-06	-AAAAGAAG- NAARRRAAGG	
MA0370.1_RME1	8.9374e-05	CTTCTTTT--- -TNCCTTTNNA	
MA0080.2_SPI1	7.4976e-04	-CTTCTTTT ACTTCCT--	
MA0011.1_br_Z2	9.1949e-04	-AAAAGAAG AAATAGNW-	
MA0149.1_EWSR1-FLI1	1.2875e-03	-----CTTCTTTT- CCTTCCTTCCTTCCTTC	
MA0053.1_MNB1A	1.7687e-03	CTTCTTTT --NCTTT-	
MA0064.1_PBF	1.7687e-03	CTTCTTTT --RCTTT-	
MA0459.1_tll	2.8919e-03	--CTTCTTTT KTTGACTTTT	

M24



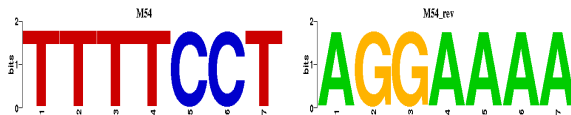
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0149.1_EWSR1-FLI1	3.7167e-04	--CTCTKTCCT----- CCTTCCTTCCTTCCTTCC	
MA0156.1_FEV	4.6780e-04	CTCTKTCCT-- --AYTTCCTG	
MA0207.1_achi	1.1475e-03	CTCTKTCCT --CTGTCA--	
MA0113.1_NR3C1	1.8649e-03	--AGGAMAGAG----- NYNGNACRKNNTGTTTCYN	
MA0227.1_hth	2.0049e-03	CTCTKTCCT --CTGTCA--	
MA0080.2_SPI1	2.6155e-03	CTCTKTCCT --ACTTCCT	
MA0152.1_NFATC2	2.6294e-03	AGGAMAGAG TGGAAAA--	
MA0294.1_EDS1	2.7023e-03	CTCTKTCCT NTNTTCCN	
MA0065.2_PPARG_RXRA	2.8233e-03	----CTCTKTCCT-- TGMCCTTTGNCYNN	
MA0039.1_Klf4	3.1286e-03	--AGGAMAGAG NAARRRAAGG--	

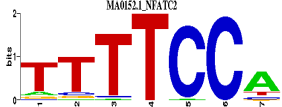


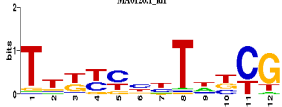
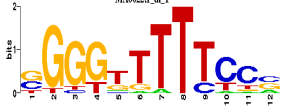

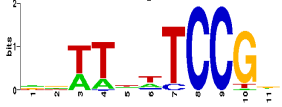
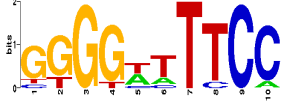
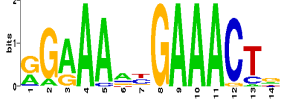

M44



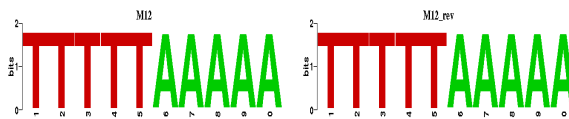
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0156.1_FEV	1.2503e-05	CTTTCCT- AYTTCCTG	
MA0039.1_Klf4	6.4840e-05	-CTTTCCT-- CCTTYYYTNN	
MA0152.1_NFATC2	1.5169e-04	AGGAAAG TGGAAAA	
MA0080.2_SPI1	1.6998e-04	CTTTCCT ACTTCCT	
MA0051.1_IRF2	2.3460e-04	AGGAAAG----- -SGAAAGYGAAASYNWNN	
MA0149.1_EWSR1-FLI1	3.4568e-04	CTTTCCT----- CCTTCCTTCCTTCCTCC	
MA0438.1_YRM1	3.6850e-04	CTTTCCT- ATNTCCGN	
MA0136.1_ELF5	4.5333e-04	-AGGAAAG- NMGGAARTN	
MA0090.1_TEAD1	4.7882e-04	---AGGAAAG-- CNSWGGAAATGTR	
MA0081.1_SPIB	5.4007e-04	CTTTCCT-- --TTCKST	


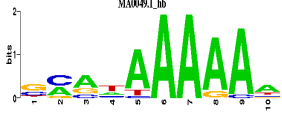
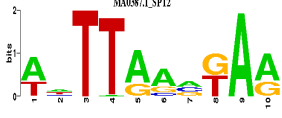
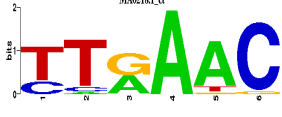
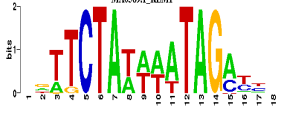



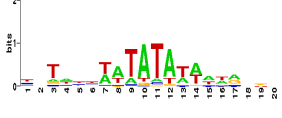
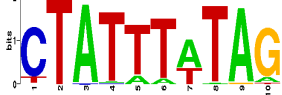
M54



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0152.1_NFATC2	2.5960e-08	AGGAAAA TGAAAA	
MA0294.1_EDS1	1.2605e-06	--TTTTCCT NTTNTCCN	
MA0156.1_FEV	2.9703e-06	TTTTCT- AYTTCCTG	
MA0120.1_id1	5.3896e-06	-----AGGAAAA CGNNANNRRMNA	
MA0022.1_dl_1	9.5122e-06	AGGAAAA----- NGGAAAAACCCS	
MA0460.1_ttk	1.4050e-05	-TTTTCT- RTTATCCTK	
MA0367.1_RGT1	2.1858e-05	-AGGAAAA--- NCGANNAANN	
MA0023.1_dl_2	3.6285e-05	AGGAAAA----- -GGAAWCCCC	
MA0137.1_STAT1	4.8922e-05	-----TTTTCT NAGTTTCNNTTTCY-	
MA0080.2_SPI1	5.9899e-05	TTTTCT ACTTCT	

**M12**



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0151.1_ARID3A	2.1236e-04	TTTTTAAAAA --TTTAAT--	
MA0049.1_hb	3.6750e-04	-TTTTTAAAAA NTTTTTNYKS-	
MA0387.1_SPT2	2.5650e-03	-TTTTTAAAAA TTMNTAANT-	
MA0218.1_ct	2.8959e-03	TTTTTAAAAA -GTTYAA---	
MA0369.1_RLM1	3.2108e-03	-----TTTTTAAAAA- NNRtCTATWWATAGAANN	
MA0297.1_FKH2	3.4116e-03	TTTTTAAAAA TGTTTAC---	
MA0157.1_FOXO3	4.1935e-03	TTTTTAAAAA TGTTTACA--	
MA0173.1_CG11617	5.0433e-03	TTTTTAAAAA ATGTWAA---	
MA0346.1_NHP6B	6.0736e-03	-----TTTTTAAAAA- NNNYNNWWTATAWNNNANN	
MA0052.1_MEF2A	6.6508e-03	TTTTTAAAAA--- ---CTATAAATAG	

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