

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

Input file: 99 motifs loaded

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

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

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

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Multiple Alignment

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

```

M0 :          -----GGGGGGGG--
M1 :          -----AAAAAAAA--
M2 :          -----GGAGGAGG--
M3 :          -----CACACACA---
M4 :          -----CCCAGCCC---
M5 :          -----GGGAGGAG---
M6 :          --GAGGGAGG-----
M7 :          -GGGAAGGG-----
M8 :          --GGGGCAGG-----
M9 :          --GGGAGAGG-----
M10 :         ---AGAGAGAG-----
M11 :         --AGGGGAGG-----
M12 :         -----AGGAAGGA
M13 :         -CCCAGCAG-----
M14 :         -AGGCAGAG-----
M15 :         ----CAGAGCAG---
M16 :         -----CAGGCAGG-
M17 :         ----CACAGCAG---
M18 :         --AGCCCAGG-----
M19 :         -CTTCCCAG-----
M20 :         -TGGGGGTG-----
M21 :         -CAGCAGAG-----
M22 :         --CCCAGAGC-----

```

Stamp Results

10/01/13

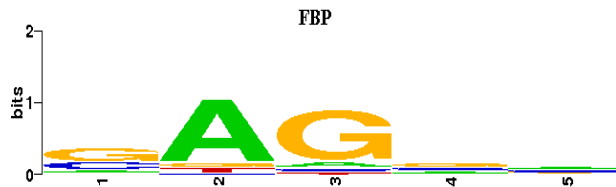
M23: -GGCTGCAG-----
M24: -----CAGCCTGG-
M25: --TGGGGTGG-----
M26: ---GGAGAGGG-----
M27: ----AGCAGCTG---
M28: ----CAGAGCTG---
M29: ----CAGGGCAG---
M30: ----CAGAGCCA---
M31: -GGAAGCAG-----
M32: --AGGAAAG-----
M33: -----GAAGGAAG--
M34: -GCTGGGAG-----
M35: -----AGAGGAAG--
M36: ----AGGAGGG---
M37: TTTTAAAA-----
M38: -----AAGGAAG-
M39: --GAAAGAAA-----
M40: ----CAGAGAG---
M41: GTGGGGGA-----
M42: -CTGGAGAG-----
M43: -CAGGAAAG-----
M44: ----AAGAAAGA---
M45: ----CAGAGAAG---
M46: --CACAGAGA-----
M47: -----GAGGCCAG-
M48: ----GGAGCCAG--
M49: -AACAAAAG-----
M50: ---AGGCAGGC-----
M51: --TCCCCAGG-----
M52: -AGCCACAG-----
M53: ----CAGAGGAA---
M54: ----AAGAAAAG---
M55: ----CAGAGGCT---
M56: --CCTGGAGG-----
M57: ---GCAGAGAG-----
M58: ---CCACACCC-----
M59: -----GAGAAAG-
M60: --CAGACAGA-----
M61: -CAAAACAA-----
M62: ---AAAGAGAA-----
M63: ----AGAGAAG--
M64: -----GGAGAAAG--
M65: -TGGGAGAG-----

Stamp Results

10/01/13

```
M66: AAGGCAGA-----
M67: -AGGGAAAG-----
M68: -AGCAGGAG-----
M69: ----AGCAGCCA---
M70: --GGAAGAGA-----
M71: -----AAGGAAAA-
M72: -----AGAACAAA--
M73: ----AAAAGGAA---
M74: -----AGACAAAG--
M75: -GCCCCCAG-----
M76: ----CACAGGAA---
M77: -----CAGCCACA-
M78: ---AGGAAGCT----
M79: --AAGCCAGG-----
M80: -TTCCCCAG-----
M81: -CTCCACAG-----
M82: ---AGGGAGAA----
M83: ---CCAGAGCT----
M84: -GGAAAGAG-----
M85: ----AACAAACA---
M86: -----CAGCTGGA-
M87: ----CAGGGACA---
M88: ----GCCAGCAG---
M89: ----AAAGCCTG--
M90: AAAGAAGA-----
M91: -----AGCCTTCC
M92: CCAGAAGA-----
M93: -TCTCAGAG-----
M94: ---AAACAAAC----
M95: -AGAAACAG-----
M96: ----CTGAGGCA---
M97: --AAAAGAAG-----
M98: ----GTGGGTGG---
```

Familial Profile:
(click for matrix)

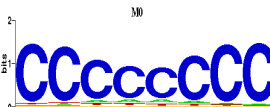
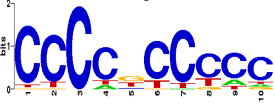
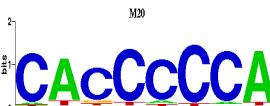
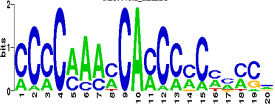
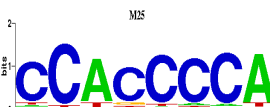
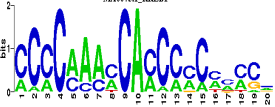





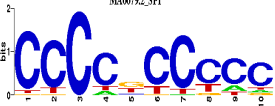

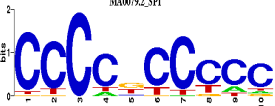
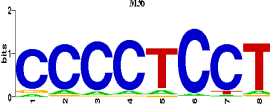
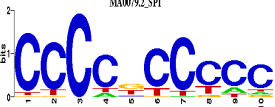


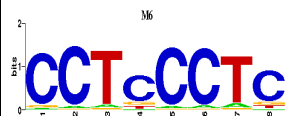
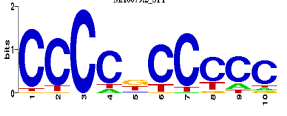
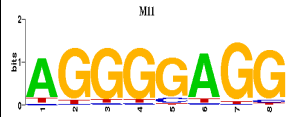
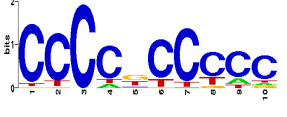
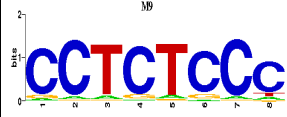
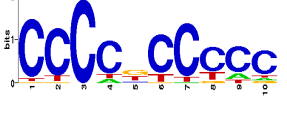
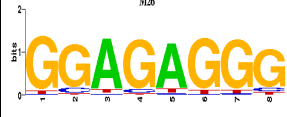
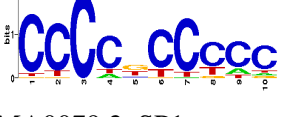


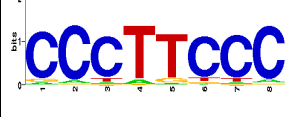
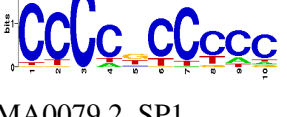
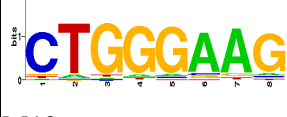


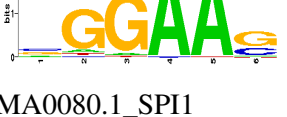
Motif Tree

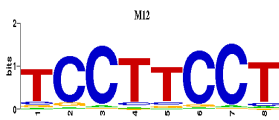

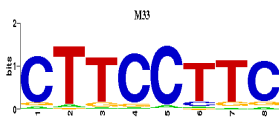
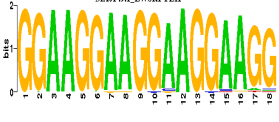
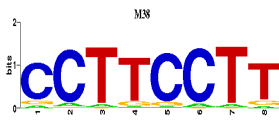
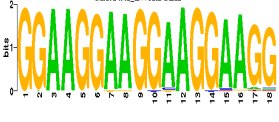
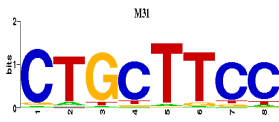
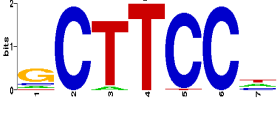
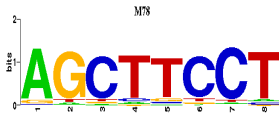
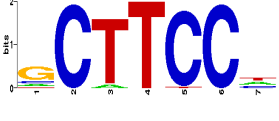
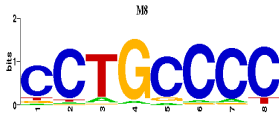
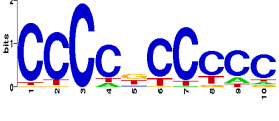
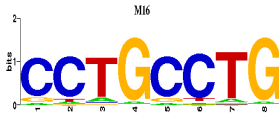

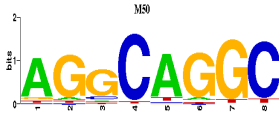

Tree (drawn by [Phylip](#))


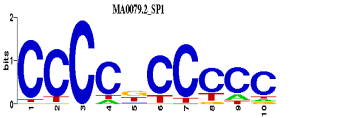


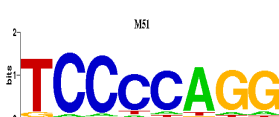

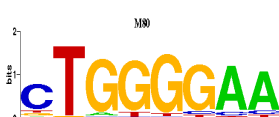

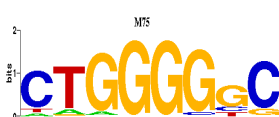
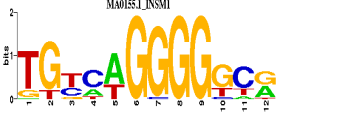
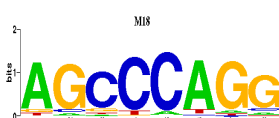
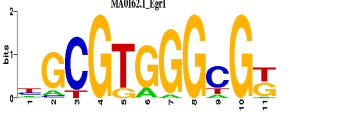
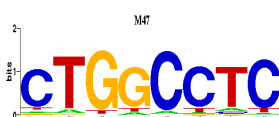
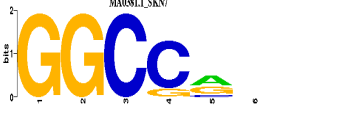
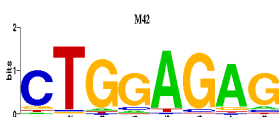
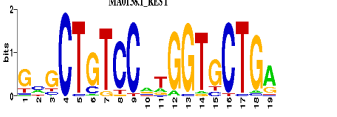
[Click here for Newick-format tree](#) (viewable with [MEGA](#))

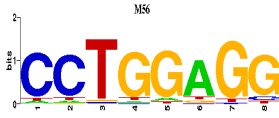







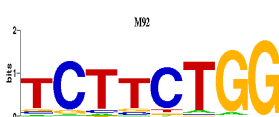



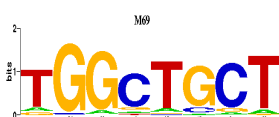

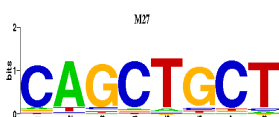



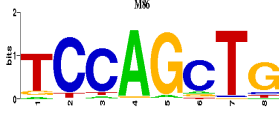

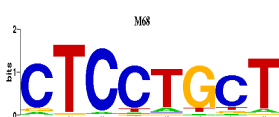

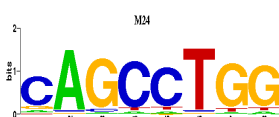
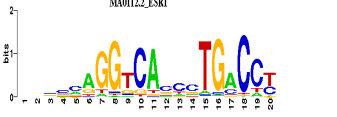
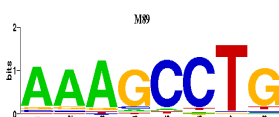

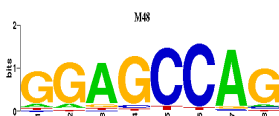

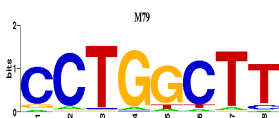
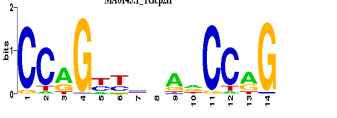
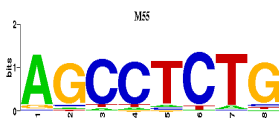

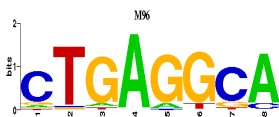

Input Motif	Best match in JASPAR
<p>M0</p> 	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 4.9854e-07)</p>
<p>M20</p> 	<p>MA0073.1_RREB1</p>  <p>MA0073.1_RREB1 (E val: 2.3770e-06)</p>
<p>M25</p> 	<p>MA0073.1_RREB1</p>  <p>MA0073.1_RREB1 (E val: 5.8172e-05)</p>
<p>M41</p> 	<p>MA0436.1_YPR022C</p>  <p>MA0436.1_YPR022C (E val: 2.3413e-07)</p>
<p>M98</p> 	<p>MA0162.1_Egr1</p>  <p>MA0162.1_Egr1 (E val: 1.8304e-06)</p>
<p>M2</p> 	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 1.6546e-06)</p>
<p>M5</p> 	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 7.1259e-06)</p>
<p>M36</p> 	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1</p>

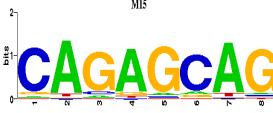



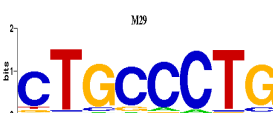



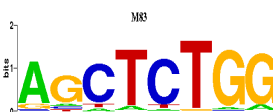

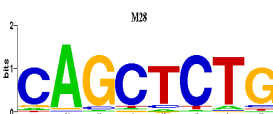

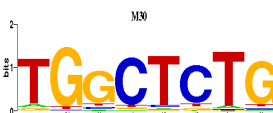


	(E val: 1.1477e-06)
 <p>M6</p>	 <p>MA0079.2_SP1 (E val: 1.1391e-05)</p>
 <p>M11</p>	 <p>MA0079.2_SP1 (E val: 1.9145e-06)</p>
 <p>M9</p>	 <p>MA0079.2_SP1 (E val: 1.3443e-05)</p>
 <p>M26</p>	 <p>MA0079.2_SP1 (E val: 1.5396e-05)</p>
 <p>M65</p>	 <p>MA0432.1_YNR063W (E val: 1.4574e-05)</p>
 <p>M7</p>	 <p>MA0079.2_SP1 (E val: 5.6217e-06)</p>
 <p>M19</p>	 <p>MA0088.1_znf143 (E val: 3.6477e-05)</p>
 <p>M91</p>	 <p>MA0080.1_SPI1 (E val: 5.7005e-05)</p>

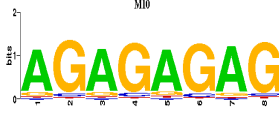
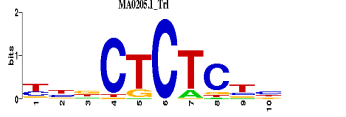

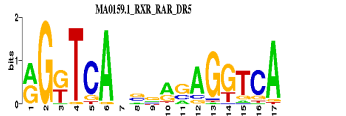

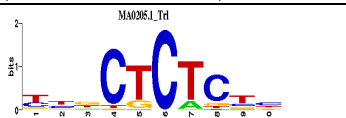




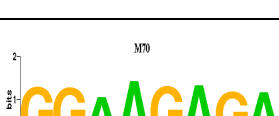
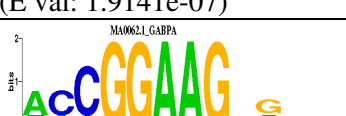




<p>M12</p>  <p>M12</p>	<p>MA0149.1_EWSR1-FLI1</p>  <p>MA0149.1_EWSR1-FLI1 (E val: 9.8440e-11)</p>
<p>M33</p>  <p>M33</p>	<p>MA0149.1_EWSR1-FLI1</p>  <p>MA0149.1_EWSR1-FLI1 (E val: 1.1066e-10)</p>
<p>M38</p>  <p>M38</p>	<p>MA0149.1_EWSR1-FLI1</p>  <p>MA0149.1_EWSR1-FLI1 (E val: 1.1532e-10)</p>
<p>M31</p>  <p>M31</p>	<p>MA0305.1_GCR2</p>  <p>MA0305.1_GCR2 (E val: 1.8121e-07)</p>
<p>M78</p>  <p>M78</p>	<p>MA0305.1_GCR2</p>  <p>MA0305.1_GCR2 (E val: 1.7148e-07)</p>
<p>M8</p>  <p>M8</p>	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 3.8998e-06)</p>
<p>M16</p>  <p>M16</p>	<p>MA0340.1_MOT3</p>  <p>MA0340.1_MOT3 (E val: 2.5335e-05)</p>
<p>M50</p>  <p>M50</p>	<p>MA0340.1_MOT3</p>  <p>MA0340.1_MOT3 (E val: 2.5864e-04)</p>

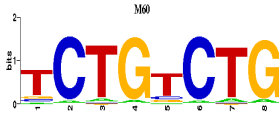




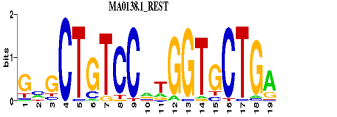

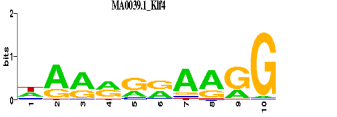
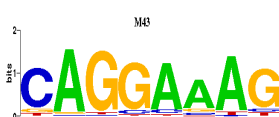

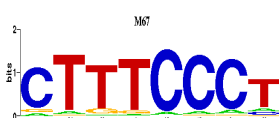
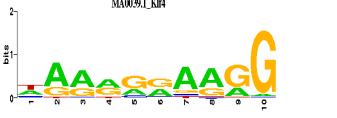
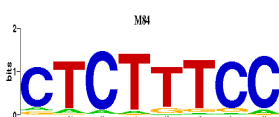
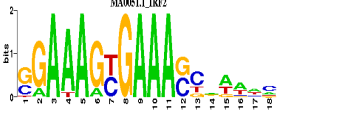
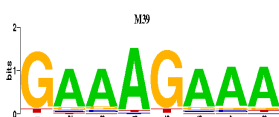

 <p>M4</p>	 <p>MA0079.2_SP1 (E val: 1.7131e-06)</p>
 <p>M34</p>	 <p>MA0267.1_ACE2 (E val: 1.8955e-04)</p>
 <p>M51</p>	 <p>MA0154.1_EBF1 (E val: 1.9916e-06)</p>
 <p>M80</p>	 <p>MA0344.1_NHP10 (E val: 1.5893e-05)</p>
 <p>M75</p>	 <p>MA0155.1_INSM1 (E val: 2.0566e-08)</p>
 <p>M18</p>	 <p>MA0162.1_Egr1 (E val: 4.3757e-04)</p>
 <p>M47</p>	 <p>MA0381.1_SKN7 (E val: 1.9658e-04)</p>
 <p>M42</p>	 <p>MA0138.1_REST (E val: 5.4702e-04)</p>

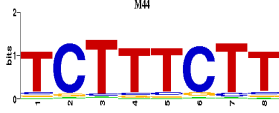






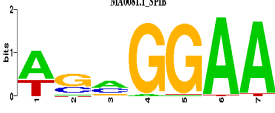
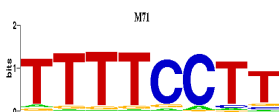
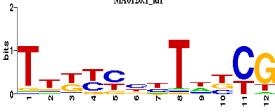
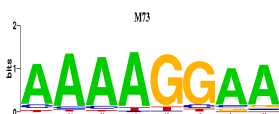

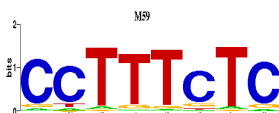
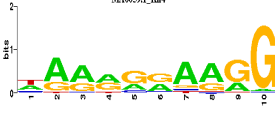
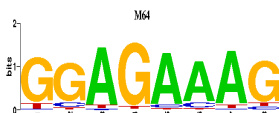
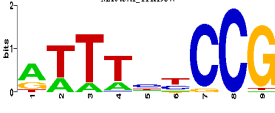
<p>M56</p> 	<p>MA0144.1_Stat3 (E val: 3.6266e-05)</p> 
<p>M13</p> 	<p>MA0402.1_SWI5 (E val: 1.8582e-06)</p> 
<p>M88</p> 	<p>MA0402.1_SWI5 (E val: 1.6027e-06)</p> 
<p>M21</p> 	<p>MA0287.1_CUP2 (E val: 2.4154e-06)</p> 
<p>M92</p> 	<p>MA0062.1_GABPA (E val: 5.2669e-07)</p> 
<p>M23</p> 	<p>MA0055.1_Myf (E val: 2.7219e-04)</p> 
<p>M69</p> 	<p>MA0412.1_UME6 (E val: 5.0712e-04)</p> 
<p>M27</p> 	<p>MA0055.1_Myf (E val: 7.8554e-09)</p> 

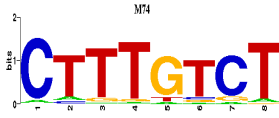



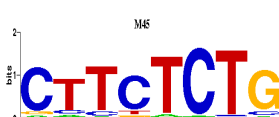


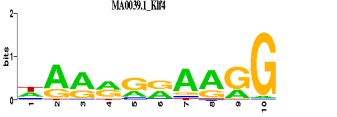
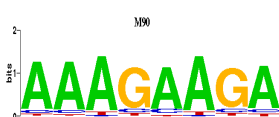

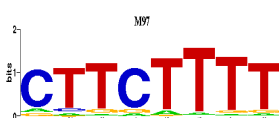



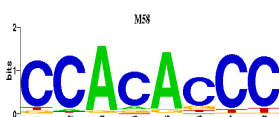
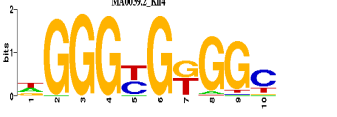
 <p>M86</p>	 <p>MA0055.1_Myf (E val: 4.2564e-05)</p>
 <p>M68</p>	 <p>MA0086.1_sna (E val: 1.9312e-04)</p>
 <p>M24</p>	 <p>MA0112.2_ESR1 (E val: 5.7227e-04)</p>
 <p>M89</p>	 <p>MA0053.1_MNB1A (E val: 2.5859e-06)</p>
 <p>M48</p>	 <p>MA0213.1_brk (E val: 4.8451e-06)</p>
 <p>M79</p>	 <p>MA0145.1_Tcfcp211 (E val: 7.0178e-05)</p>
 <p>M55</p>	 <p>MA0364.1_REI1 (E val: 1.0147e-03)</p>
 <p>M96</p>	 <p>MA0150.1_NFE2L2 (E val: 6.7984e-07)</p>

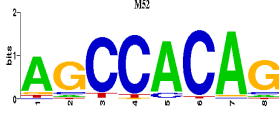



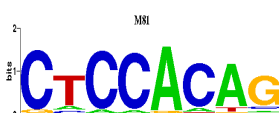

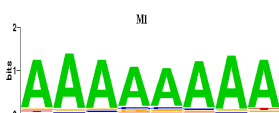

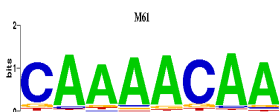

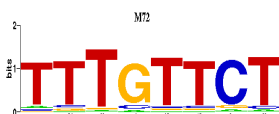

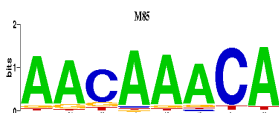
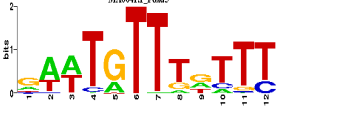

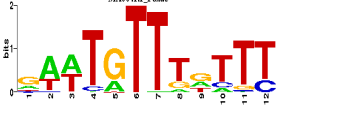
<p>M15</p> 	<p>MA0451.1_kni (E val: 1.0382e-04)</p> 
<p>M17</p> 	<p>MA0332.1_MET28 (E val: 1.8111e-05)</p> 
<p>M29</p> 	<p>MA0364.1_REI1 (E val: 1.8937e-04)</p> 
<p>M22</p> 	<p>MA0332.1_MET28 (E val: 1.5283e-04)</p> 
<p>M83</p> 	<p>MA0335.1_MET4 (E val: 2.6063e-05)</p> 
<p>M28</p> 	<p>MA0048.1_NHLH1 (E val: 3.0076e-03)</p> 
<p>M30</p> 	<p>MA0278.1_BAS1 (E val: 3.4606e-04)</p>
<p>M93</p> 	<p>MA0432.1_YNR063W (E val: 1.7732e-05)</p> 

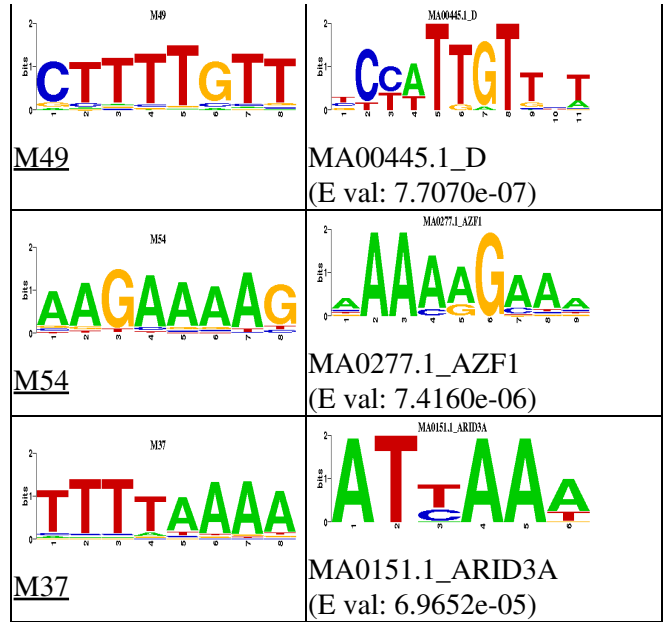
<p>M10</p> 	<p>MA0205.1_Tr1 (E val: 3.8745e-03)</p> 
<p>M40</p> 	<p>MA0159.1_RXR_RAR_DR5 (E val: 3.7494e-04)</p> 
<p>M57</p> 	<p>MA0205.1_Tr1 (E val: 3.8005e-03)</p> 
<p>M46</p> 	<p>MA0332.1_MET28 (E val: 1.8607e-05)</p> 
<p>M62</p> 	<p>MA0277.1_AZF1 (E val: 1.9141e-07)</p> 
<p>M70</p> 	<p>MA0062.1_GABPA (E val: 3.7010e-08)</p> 
<p>M14</p> 	<p>MA0283.1_CHA4 (E val: 3.7557e-05)</p> 
<p>M66</p> 	<p>MA0340.1_MOT3 (E val: 6.6995e-05)</p> 

 <p>M60</p>	 <p>MA0207.1_achi (E val: 2.1916e-05)</p>
 <p>M82</p>	 <p>MA0437.1_YPR196W (E val: 7.6381e-05)</p>
 <p>M87</p>	 <p>MA0138.1_REST (E val: 1.8101e-05)</p>
 <p>M32</p>	 <p>MA0039.1_Klf4 (E val: 5.0977e-07)</p>
 <p>M43</p>	 <p>MA0156.1_FEV (E val: 1.5564e-08)</p>
 <p>M67</p>	 <p>MA0039.1_Klf4 (E val: 7.3508e-05)</p>
 <p>M84</p>	 <p>MA0051.1_IRF2 (E val: 7.0377e-05)</p>
 <p>M39</p>	 <p>MA0277.1_AZF1 (E val: 4.7972e-09)</p>

<p>M44</p>  <p>M44</p>	<p>MA0277.1_AZF1</p>  <p>MA0277.1_AZF1 (E val: 7.8891e-06)</p>
<p>M35</p>  <p>M35</p>	<p>MA0081.1_SPIB</p>  <p>MA0081.1_SPIB (E val: 9.3609e-10)</p>
<p>M53</p>  <p>M53</p>	<p>MA0081.1_SPIB</p>  <p>MA0081.1_SPIB (E val: 1.4444e-09)</p>
<p>M76</p>  <p>M76</p>	<p>MA0081.1_SPIB</p>  <p>MA0081.1_SPIB (E val: 1.6505e-06)</p>
<p>M71</p>  <p>M71</p>	<p>MA0120.1_id1</p>  <p>MA0120.1_id1 (E val: 8.8144e-08)</p>
<p>M73</p>  <p>M73</p>	<p>MA0277.1_AZF1</p>  <p>MA0277.1_AZF1 (E val: 4.3518e-09)</p>
<p>M59</p>  <p>M59</p>	<p>MA0039.1_KIf4</p>  <p>MA0039.1_KIf4 (E val: 1.5967e-05)</p>
<p>M64</p>  <p>M64</p>	<p>MA0437.1_YPR196W</p>  <p>MA0437.1_YPR196W (E val: 1.3058e-07)</p>

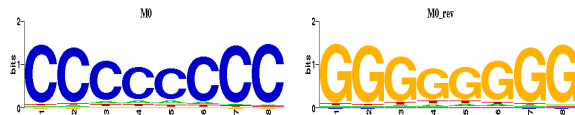
 <p>M74</p>	 <p>MA0442.1_SOX10 (E val: 6.0674e-08)</p>
 <p>M95</p>	 <p>MA0126.1_ovo (E val: 1.2254e-06)</p>
 <p>M45</p>	 <p>MA0437.1_YPR196W (E val: 3.4726e-04)</p>
 <p>M63</p>	 <p>MA0039.1_Klf4 (E val: 1.1029e-04)</p>
 <p>M90</p>	 <p>MA0277.1_AZF1 (E val: 8.6642e-06)</p>
 <p>M97</p>	 <p>MA0277.1_AZF1 (E val: 5.1950e-09)</p>
 <p>M3</p>	 <p>MA0009.1_T (E val: 1.0788e-03)</p>
 <p>M58</p>	 <p>MA0039.2_Klf4 (E val: 1.4111e-09)</p>

 <p>M52</p>	 <p>MA0332.1_MET28 (E val: 4.1098e-09)</p>
 <p>M77</p>	 <p>MA0334.1_MET32 (E val: 1.7798e-07)</p>
 <p>M81</p>	 <p>MA0332.1_MET28 (E val: 4.0734e-09)</p>
 <p>M1</p>	 <p>MA0277.1_AZF1 (E val: 6.4012e-08)</p>
 <p>M61</p>	 <p>MA00445.1_D (E val: 1.9215e-06)</p>
 <p>M72</p>	 <p>MA0371.1_ROX1 (E val: 1.2928e-07)</p>
 <p>M85</p>	 <p>MA0041.1_Foxd3 (E val: 4.6957e-10)</p>
 <p>M94</p>	 <p>MA0041.1_Foxd3 (E val: 3.0842e-10)</p>



Motif Similarity Matches

M0

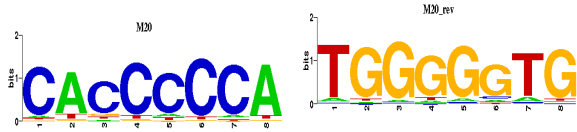


forward

reverse compliment

Name	E value	Alignment	Motif
MA0079.2_SP1	4.9854e-07	GGGGGGGG-- GGGGNGGGG	
MA0068.1_Pax4	6.0898e-07	GGGGGGGG----- GKRNNNNKNNNNNNNNNNNNKNNWWWTWTTY	
MA0073.1_RREB1	1.8220e-06	-----CCCCCCC- CCCCAAAMCACCCMCMCCN	
MA0443.1_btd	2.4332e-06	-GGGGGGGG- NGKGGCGGR	
MA0456.1_opa	3.2470e-06	--GGGGGGGG-- CNGCGGGGGKC	

M20

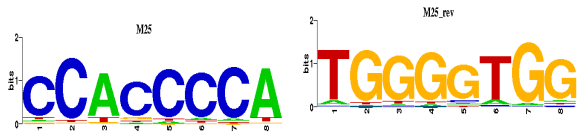


forward

reverse compliment

Name	E value	Alignment	Motif
MA0073.1_RREB1	2.3770e-06	----TGGGGGTG----- NGKKKGKGGGTGKTTTGGGG	
MA0450.1_hkb	1.8634e-05	-CACCCCCA TCACGCCM	
MA0155.1_INSM1	2.0147e-04	----TGGGGGTG TGYCAGGGGGCR	
MA0268.1_ADR1	2.1115e-04	-TGGGGGTG KTGGGN--	
MA0436.1_YPR022C	2.1840e-04	--TGGGGGTG NGTGGGG---	

M25



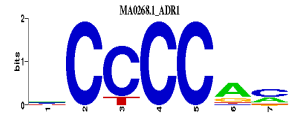
forward

reverse compliment

Name	E value	Alignment	Motif
MA0073.1_RREB1	5.8172e-05	----TGGGGTGG----- NGKKKGKGGGTGKTTTGGGG	

MA0268.1_ADR1 2.1035e-04

-TGGGGTGG
KTGGGGN--



MA0436.1_YPR022C 2.3603e-04

--TGGGGTGG
NGTGGGG---



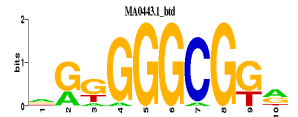
MA0373.1_RPN4 2.4856e-04

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CGCCACC---

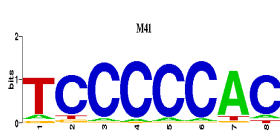


MA0443.1_btd 3.9159e-04

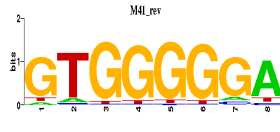
-CCACCCCA-
YCCGCCMCN



M41



forward



reverse compliment

Name

E value

Alignment

Motif

MA0436.1_YPR022C 2.3413e-07

-GTGGGGGA
NGTGGGG--



MA0268.1_ADR1 7.8324e-07

GTGGGGGA
KTGGGGN-



MA0057.1_MZF1_5-13 1.2173e-05

-TCCCCCAC-
NTNCCCCTMN



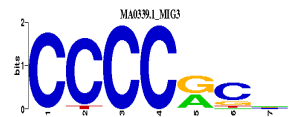
MA0337.1_MIG1 1.9820e-05

GTGGGGGA
SYGGGGN-

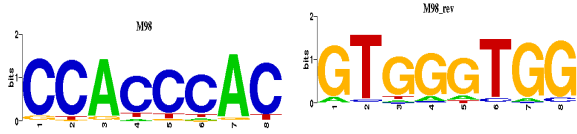


MA0339.1_MIG3 2.0619e-05

-GTGGGGGA
NGYGGGG--



M98

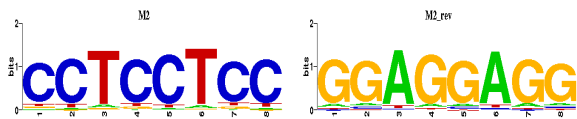


forward

reverse compliment

Name	E value	Alignment	Motif
MA0162.1_Egr1	1.8304e-06	CCACCCAC--- MCGCCCACGCN	
MA0073.1_RREB1	4.4598e-06	-----GTGGGTGG----- NGKKKGKGGGTGKTTTGGGG	
MA0359.1_RAP1	2.9725e-05	---GTGGGTGG TGTATGGGTG-	
MA0193.1_Lag1	1.2529e-04	CCACCCAC CYACCAA-	
MA0436.1_YPR022C	1.8732e-04	-GTGGGTGG NGTGGGG--	

M2



forward

reverse compliment

Name	E value	Alignment	Motif
MA0079.2_SP1	1.6546e-06	GGAGGAGG-- GGGGGNGGGG	
MA0283.1_CHA4	3.2231e-05	CCTCCTCC NCTCCGCC	

MA0062.1_GABPA 3.2251e-04

---GGAGGAGG
ACCGGAAGNS-



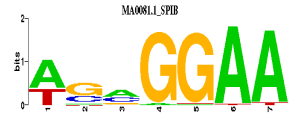
MA0080.2_SPI1 8.1049e-04

-CCTCCTCC
ACTTCCT--

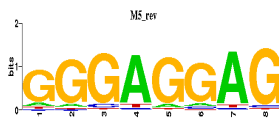
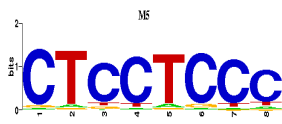


MA0081.1_SPIB 8.6248e-04

CCTCCTCC
-TTCKST



M5



forward

reverse compliment

Name

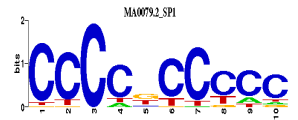
E value

Alignment

Motif

MA0079.2_SPI1 7.1259e-06

--GGGAGGAG
GGGGNGGGG



MA0283.1_CHA4 3.8987e-05

-CTCCTCCC
NCTCCGCC-



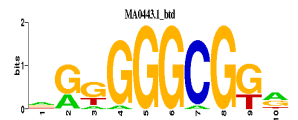
MA0062.1_GABPA 2.4243e-04

CTCCTCCC--
SNCTCCGGT



MA0443.1_btd 5.3632e-04

CTCCTCCC---
-YCCGCCMCN

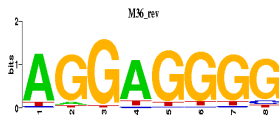
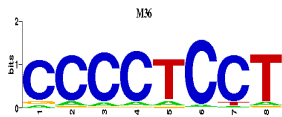


MA0090.1_TEAD1 7.6192e-04

----CTCCTCCC
YACATTCWSNG

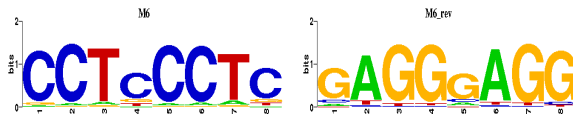


M36



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	1.1477e-06	--AGGAGGGG GGGGGNGGGG	
MA0366.1_RGM1	2.1813e-06	CCCCTCCT CCCCT---	
MA0342.1_MSN4	2.5431e-06	AGGAGGGG ---AGGGG	
MA0341.1_MSN2	8.6557e-06	CCCCTCCT CCCCT---	
MA0431.1_YML081W	1.7741e-04	AGGAGGGG- NWNNGGGGN	

M6



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	1.1391e-05	GAGGGAGG-- GGGGGNGGGG	
MA0149.1_EWSR1-FLI1	1.0400e-03	--GAGGGAGG----- GGAAGGAAGGAAGGAAGG	
MA0080.2_SPI1	1.1343e-03	CCTCCCTC ACTTCCT-	
MA0443.1_btd	1.4424e-03	-GAGGGAGG- NGKGGGCGGR	

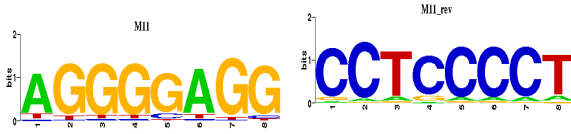
MA0366.1_RGM1

1.8583e-03

CCTCCCCT
--CCCCT-



M11

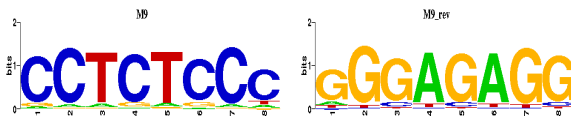


forward

reverse compliment

Name	E value	Alignment	Motif
MA0079.2_SP1	1.9145e-06	AGGGGAGG-- GGGGNGGGG	
MA0366.1_RGM1	2.0643e-06	CCTCCCCT ---CCCCT	
MA0342.1_MSN4	2.6213e-06	CCTCCCCT ---CCCCT	
MA0341.1_MSN2	9.0369e-06	CCTCCCCT ---CCCCT	
MA0056.1_MZF1_1-4	2.2872e-05	CCTCCCCT --TCCCN	

M9



forward

reverse compliment

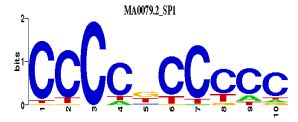
Name	E value	Alignment	Motif
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Stamp Results

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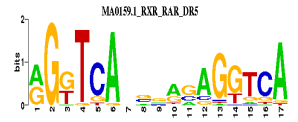
MA0079.2_SP1 1.3443e-05

GGGAGAGG--
GGGGGNGGGG



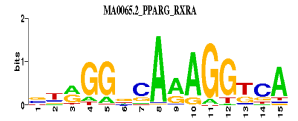
MA0159.1_RXR_RAR_DR5 8.7497e-05

---CCTCTCCC-----
TGACCTNYNNNTGAMCY



MA0065.2_PPARG_RXRA 1.2240e-04

----GGGAGAGG---
NNRGGNCAAAGGKCA



MA0062.1_GABPA 4.8772e-04

CCTCTCCC---
-SNCTTCCGGT

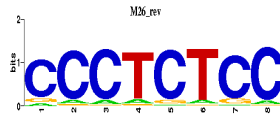
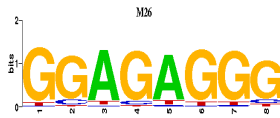


MA0323.1_IXR1 5.4536e-04

--CCTCTCCC-----
CMCCGCTTCCGGYTT



M26



forward

reverse compliment

Name

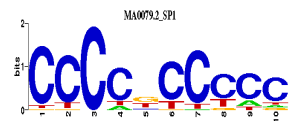
E value

Alignment

Motif

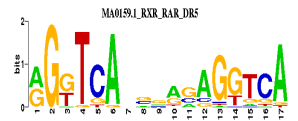
MA0079.2_SP1 1.5396e-05

-GGAGAGGG-
GGGGGNGGGG



MA0159.1_RXR_RAR_DR5 9.0397e-05

--CCCTCTCC-----
TGACCTNYNNNTGAMCY



MA0354.1_PDR8 6.7682e-04

CCCTCTCC--
--ATCTCCGN



MA0432.1_YNR063W 7.1878e-04

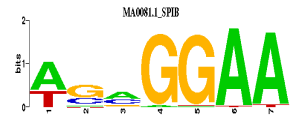
CCCTCTCC--
--ATCTCCGA



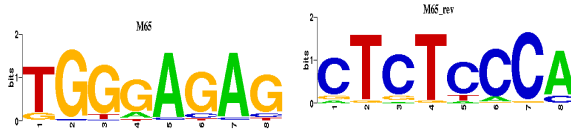
MA0081.1_SPIB

1.8123e-03

GGAGAGGG--
--ASMGGAA



M65

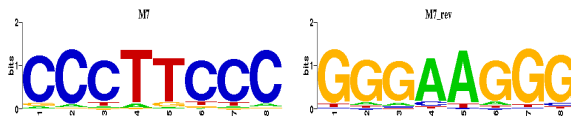


forward

reverse compliment

Name	E value	Alignment	Motif
MA0432.1_YNR063W	1.4574e-05	CTCTCCCA ATCTCCGA	
MA0062.1_GABPA	1.5408e-04	CTCTCCCA-- SNCTCCGGT	
MA0354.1_PDR8	7.0736e-04	CTCTCCCA ATCTCCGN	
MA0088.1_znf143	9.9798e-04	-CTCTCCCA----- NNNNTCCCAKNNTKCMNNGM	
MA0140.1_Tal1_Gata1	1.2492e-03	-----CTCTCCCA----- NTTATCTNNNNNNNNCNN	

M7



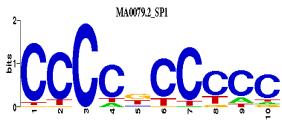
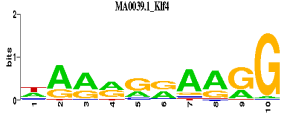
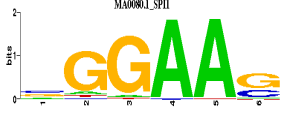
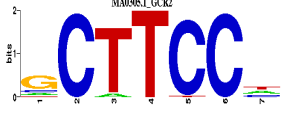

forward

reverse compliment

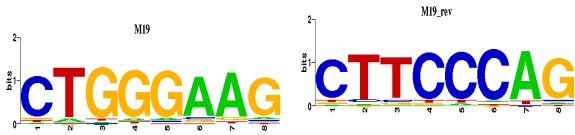
Name	E value	Alignment	Motif
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Stamp Results

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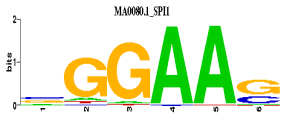


MA0079.2_SPI1	5.6217e-06	CCCTTCCC-- CCCCNCCCCC	
MA0039.1_Klf4	2.5119e-05	---GGGAAGGG NAARRRAAGG-	
MA0080.1_SPI1	5.4652e-05	CCCTTCCC --STTCN	
MA0305.1_GCR2	1.7577e-04	CCCTTCCC -GCTTCN	
MA0080.2_SPI1	1.8147e-04	CCCTTCCC -ACTTCCT	

M19



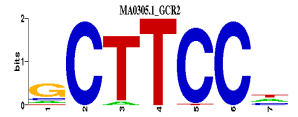
forward

reverse compliment

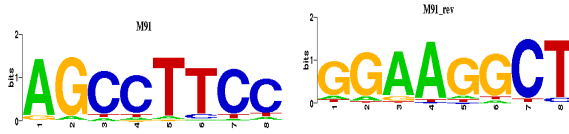
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0088.1_znf143	3.6477e-05	-----CTGGGAAG-- KCNNKGMANNMTGGGANNNN	
MA0080.1_SPI1	4.4875e-05	CTTCCCAG STTCN--	
MA0282.1_CEP3	5.0509e-05	CTTCCCAG NTTCCGAR	
MA0144.1_Stat3	1.1266e-04	CTTCCCAG-- CTTCCNGGAA	

MA0305.1_GCR2 1.7225e-04

CTGGGAAG-
--NGGAAGC



M91

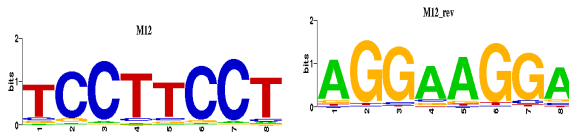


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0080.1_SPI1	5.7005e-05	AGCCTTCC- ---STTCCN	
MA0304.1_GCR1	1.0098e-04	AGCCTTCC- -GGCTTCCA	
MA0305.1_GCR2	1.8040e-04	AGCCTTCC- --GCTTCCN	
MA0080.2_SPI1	1.8290e-04	AGCCTTCC- --ACTTCT	
MA0039.1_Klf4	2.3462e-04	----GGAAGGCT NAARRRAAGG--	

M12



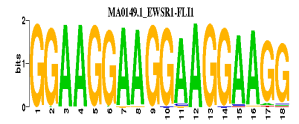
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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MA0149.1_EWSR1-FLI1 9.8440e-11

---TCCTTCCT-----
CCTTCCTTCCTTCCTTC



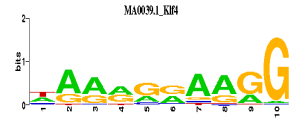
MA0080.2_SPI1 2.0450e-07

TCCTTCCT
-ACTTCCT



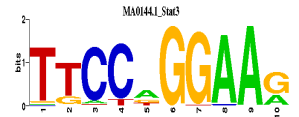
MA0039.1_Klf4 5.3387e-06

TCCTTCCT---
-CCTTYYYTTN



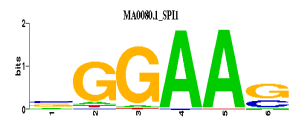
MA0144.1_Stat3 4.4316e-05

TCCTTCCT----
--CTTCNGGAA

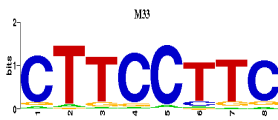


MA0080.1_SPI1 4.7793e-05

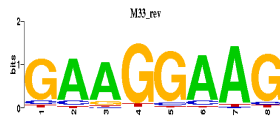
TCCTTCCT
--STCCN



M33



forward



reverse compliment

Name

E value

Alignment

Motif

MA0149.1_EWSR1-FLI1 1.1066e-10

-CTTCCTTC-----
CCTTCCTTCCTTCCTTC



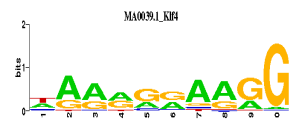
MA0080.2_SPI1 2.1203e-07

-CTTCCTTC
ACTTCCT--



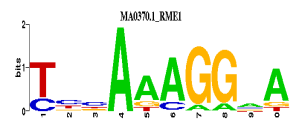
MA0039.1_Klf4 1.8309e-05

-GAAGGAAG-
NAARRRAAGG



MA0370.1_RME1 3.2791e-05

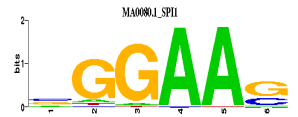
CTTCCTTC---
-TNCCTTTNNA



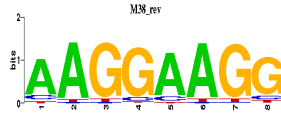
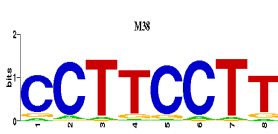
MA0080.1_SPI1

4.1683e-05

CTTCCTC
STTCN--



M38



forward

reverse compliment

Name

E value

Alignment

Motif

MA0149.1_EWSR1-FLI1 1.1532e-10

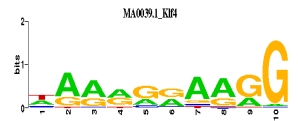
-----AAGGAAGG
GGAAGGAAGGAAGGAAGG



MA0039.1_Klf4

3.1483e-08

CCTTCCTT--
CCTTYYYTTN



MA0080.2_SPI1

2.4948e-07

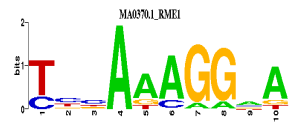
CCTTCCTT
ACTTCCT-



MA0370.1_RME1

3.1609e-05

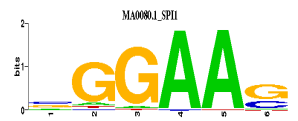
CCTTCCTT----
--TNCCTTTNNA



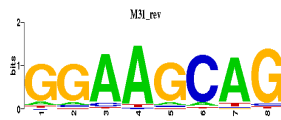
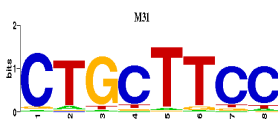
MA0080.1_SPI1

5.0900e-05

CCTTCCTT
-STTCN-



M31



forward

reverse compliment

Name

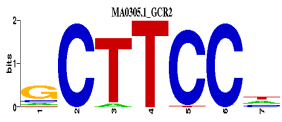
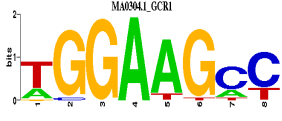


E value

Alignment

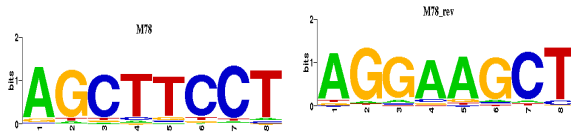
Motif

Stamp Results

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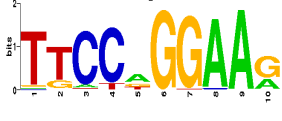
MA0305.1_GCR2	1.8121e-07	-GGAAGCAG NGGAAGC--	
MA0304.1_GCR1	1.6623e-06	-GGAAGCAG TGGAAGCC-	
MA0323.1_IXR1	1.0315e-05	--CTGCTTCC----- CMCCGCTTCCGGYTT	
MA0080.1_SPI1	4.5899e-05	CTGCTTCC- ---STTCCN	
MA0080.2_SPI1	1.7541e-04	-GGAAGCAG AGGAAGT--	

M78



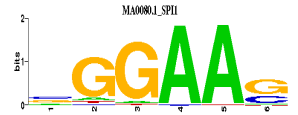
forward

reverse compliment

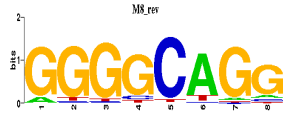
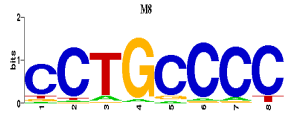
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0305.1_GCR2	1.7148e-07	AGGAAGCT NGGAAGC-	
MA0080.2_SPI1	1.7680e-07	AGCTTCCT -ACTTCCT	
MA0304.1_GCR1	6.0284e-07	AGCTTCCT GGCTTCCA	
MA0144.1_Stat3	4.1515e-05	AGCTTCCT----- --CTTCCNGGAA	

MA0080.1_SPI1 4.4326e-05

AGCTTCCT
--STTCNN



M8

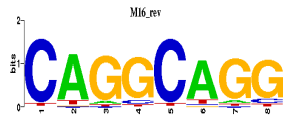
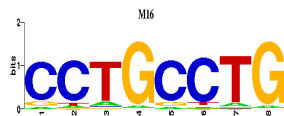


forward

reverse compliment

Name	E value	Alignment	Motif
MA0079.2_SP1	3.8998e-06	-GGGGCAGG- GGGGGNGGGG	
MA0123.1_abi4	5.9727e-05	-GGGGCAGG- NGNNGCRSCG	
MA0112.2_ESR1	7.6553e-05	GGGGCAGG----- RGGTCANNNTGACCTNNNNN	
MA0443.1_btd	1.0846e-04	CCTGCCCC-- YCCGCCCMCN	
MA0140.1_Tal1_Gata1	4.5638e-04	----CCTGCCCC----- NTTATCTNNNNNNNNCNN	

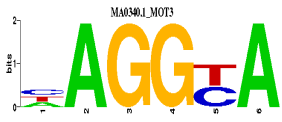
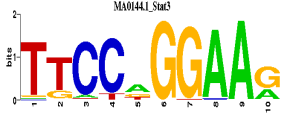

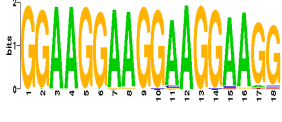

M16



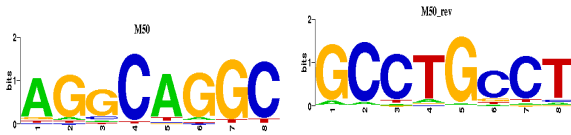
forward

reverse compliment

Name	E value	Alignment	Motif
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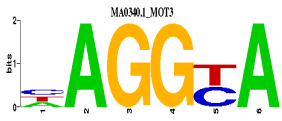
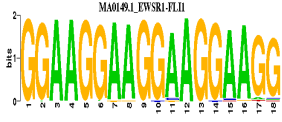

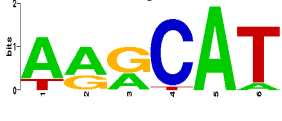
MA0340.1_MOT3	2.5335e-05	CCTGCCTG --TRCCTN	
MA0144.1_Stat3	2.6740e-04	CCTGCCTG--- -CTTCCNGGAA	
MA0156.1_FEV	3.9044e-04	CCTGCCTG AYTTCCTG	
MA0149.1_EWSR1-FLI1	1.3773e-03	-----CAGGCAGG----- GGAAGGAAGGAAGGAAGG	
MA0080.2_SPI1	1.5133e-03	CAGGCAGG -AGGAAGT	

M50



forward

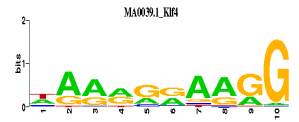
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0340.1_MOT3	2.5864e-04	-AGGCAGGC NAGGYA---	
MA0149.1_EWSR1-FLI1	1.3066e-03	---GCCTGCCT----- CCTTCCTTCCTTCCTTC	
MA0080.2_SPI1	1.3200e-03	GCCTGCCT -ACTTCCT	
MA0417.1_YAP5	6.1974e-03	GCCTGCCT --ATGCTT	

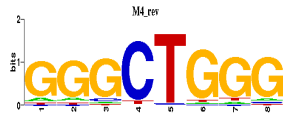
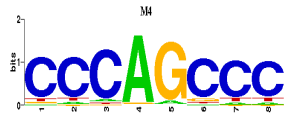
MA0039.1_Klf4

6.4854e-03

GCCTGCCT---
-CCTTYYYYTTN



M4



forward

reverse compliment

Name

E value

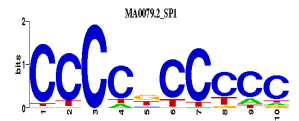
Alignment

Motif

MA0079.2_SP1

1.7131e-06

--GGGCTGGG
GGGGGNGGGG



MA0039.2_Klf4

3.2901e-05

-CCCAGCCC-
GCCMCRCCCN



MA0079.1_SP1

5.0562e-05

-CCCAGCCC-
ACCCNGCCNN



MA0267.1_ACE2

1.8173e-04

GGGCTGGG
-NGCTGGN



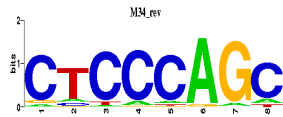
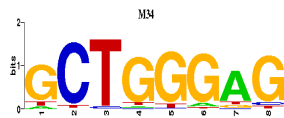
MA0402.1_SWI5

5.6038e-04

-CCCAGCCC
NACCAGCA-



M34



forward

reverse compliment

Name


E value

Alignment

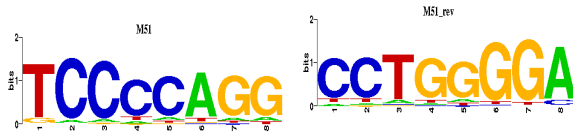
Motif

Stamp Results

10/01/13



MA0267.1_ACE2	1.8955e-04	-GCTGGGAG NGCTGGN--	
MA0088.1_znf143	4.0649e-04	-----GCTGGGAG--- KCNNKGMANNMTGGGANNNN	
MA0402.1_SWI5	5.2902e-04	-GCTGGGAG TGCTGGTN-	
MA0323.1_IXR1	9.5906e-04	----CTCCCAGC-- CMCCGCTTCCGGYTT	
MA0344.1_NHP10	3.0818e-03	GCTGGGAG NCCGGGGA	

M51



forward

reverse compliment

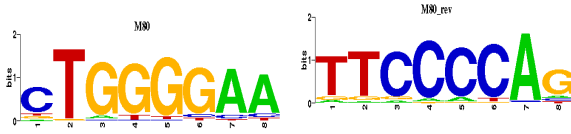
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0154.1_EBF1	1.9916e-06	--CCTGGGGA TCCCTNGGGN	
MA0344.1_NHP10	1.6822e-05	CCTGGGGA NCCGGGGA	
MA0056.1_MZF1_1-4	2.0236e-05	TCCCAGG TCCCN--	
MA0332.1_MET28	1.5222e-04	TCCCAGG -CCACAG-	

MA0436.1_YPR022C 2.2152e-04

CCTGGGGA
NGTGGGG-



M80

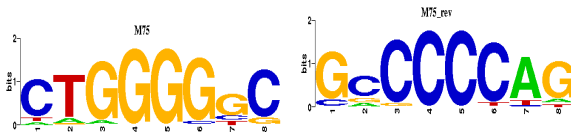


forward

reverse compliment

Name	E value	Alignment	Motif
MA0344.1_NHP10	1.5893e-05	TTCCCCAG- -TCCCCGNN	
MA0056.1_MZF1_1-4	2.3174e-05	TTCCCCAG -TCCCCN-	
MA0332.1_MET28	1.0125e-04	TTCCCCAG --CCACAG	
MA0105.1_NFKB1	1.5041e-04	CTGGGGAA----- --GGGGAATCCCC	
MA0268.1_ADR1	2.3120e-04	CTGGGGAA KTGGGGN-	

M75



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

MA0155.1_INSM1 2.0566e-08

-GCCCCAG---
YCCCCCTGRCA



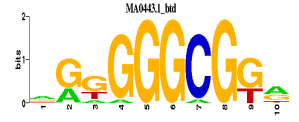
MA0116.1_Zfp423 2.0579e-05

-GCCCCAG-----
GSMCCYARGGKNC



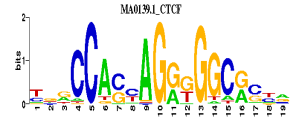
MA0443.1_btd 5.4210e-05

---GCCCCAG
YCCGCCMCN-



MA0139.1_CTCF 1.5514e-04

-----CTGGGGC----
YNNCCASYAGGKGGCRSNN

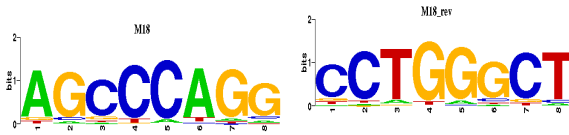


MA0332.1_MET28 1.8107e-04

GCCCCAG
--CCACAG



M18



forward

reverse compliment

Name

E value

Alignment

Motif

MA0162.1_Egr1 4.3757e-04

-AGCCCAGG--
MCGCCCACGCN



MA0154.1_EBF1 7.0872e-04

--CCTGGGCT
TCCCTNGGNN



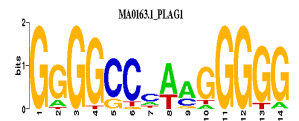
MA0368.1_RIM101 8.0414e-04

CCTGGGCT
-CTGGCR



MA0163.1_PLAG1 1.4294e-03

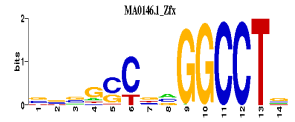
--AGCCCAGG----
GGGCCNAAGGGG



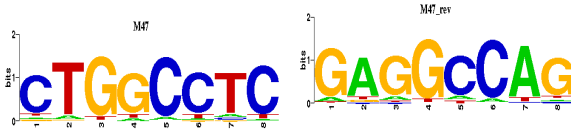
MA0146.1_Zfx

1.6710e-03

----CCTGGGCT--
NAGGCCNNGC>NNN



M47



forward

reverse compliment

Name

E value

Alignment

Motif

MA0381.1_SKN7

1.9658e-04

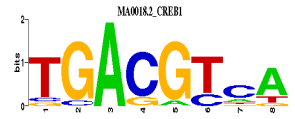
CTGGCCTC
NYGGCC--



MA0018.2_CREB1

1.3346e-03

CTGGCCTC--
--TGACGTCA



MA0160.1_NR4A2

1.9017e-03

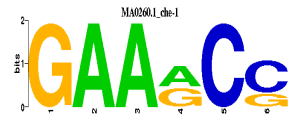
CTGGCCTC
GTGACCTT



MA0260.1_che-1

3.1493e-03

CTGGCCTC
--GGYTTC



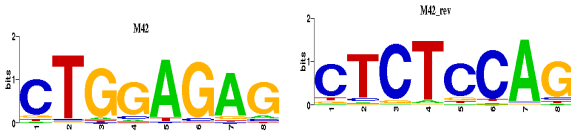
MA0304.1_GCR1

4.5835e-03

CTGGCCTC--
--GGCTTCCA



M42



forward

reverse compliment

Name

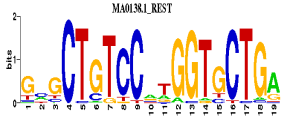
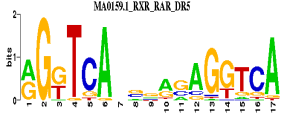


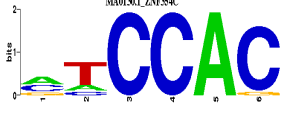
E value

Alignment

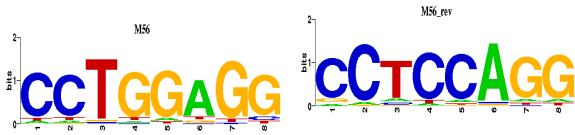
Motif

Stamp Results

10/01/13

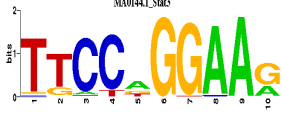
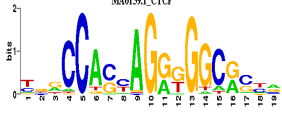
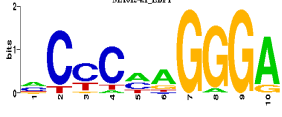
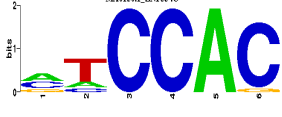
MA0138.1_REST	5.4702e-04	---CTCTCCAG----- GNGCTGTCCNWGGTGCTGA	
MA0159.1_RXR_RAR_DR5	5.4821e-04	----CTCTCCAG----- TGACCTNYNNNTGAMCY	
MA0354.1_PDR8	6.4408e-04	CTCTCCAG ATCTCCGN	
MA0432.1_YNR063W	6.9677e-04	CTCTCCAG ATCTCCGA	
MA0130.1_ZNF354C	7.8815e-04	CTCTCCAG --MTCCAC	

M56



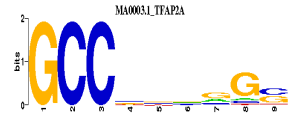
forward

reverse compliment

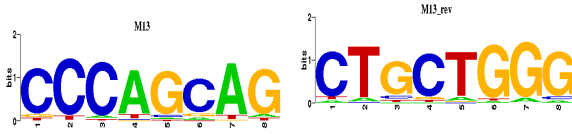
Name	E value	Alignment	Motif
MA0144.1_Stat3	3.6266e-05	---CCTGGAGG CTTCNGGAA-	
MA0139.1_CTCF	1.3201e-04	-----CCTGGAGG--- NNSYGCCMCCRSTGNNR	
MA0154.1_EBF1	2.9458e-04	--CCTGGAGG TCCCTNGGNN	
MA0130.1_ZNF354C	6.3901e-04	CCTGGAGG -GTGGAK-	

MA0003.1_TFAP2A 1.6393e-03

CCTCCAGG-
SCNNNGGC



M13

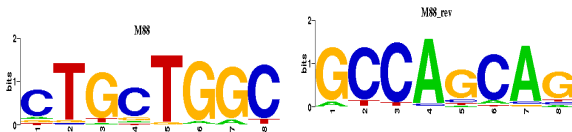


forward

reverse compliment

Name	E value	Alignment	Motif
MA0402.1_SWI5	1.8582e-06	-CCCAGCAG NACCAGCA-	
MA0267.1_ACE2	1.8922e-04	CTGCTGGG -NGCTGGN	
MA0139.1_CTCF	2.7154e-04	-----CTGCTGGG-- NNSYGCCMCTRSTGGNRR	
MA0150.1_NFE2L2	3.9521e-04	CTGCTGGG---- -TGCTNWGTCAY	
MA0055.1_Myf	5.8883e-04	CCCAGCAG----- --CAGCAGYTGCYK	


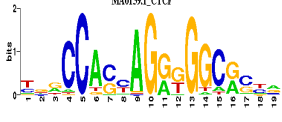

M88



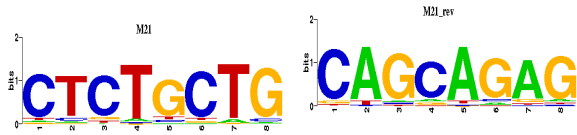
forward

reverse compliment

Name	E value	Alignment	Motif
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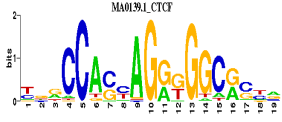
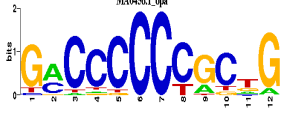

MA0402.1_SWI5	1.6027e-06	-GCCAGCAG NACCAGCA-	
MA0267.1_ACE2	1.8487e-04	CTGCTGGC -NGCTGGN	
MA0139.1_CTCF	1.8691e-04	-----CTGCTGGC-- NNSYGCCMCTRSTGGNNR	
MA0287.1_CUP2	7.6981e-04	-----CTGCTGGC CWTTYTGCTG--	
MA0055.1_Myf	9.1059e-04	GCCAGCAG----- --CAGCAGYTGCYK	

M21



forward

reverse compliment

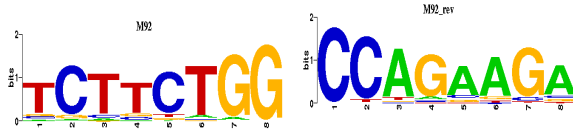
Name	E value	Alignment	Motif
MA0287.1_CUP2	2.4154e-06	---CTCTGCTG CWTTYTGCTG	
MA0139.1_CTCF	1.7045e-04	-----CTCTGCTG---- NNSYGCCMCTRSTGGNNR	
MA0456.1_opa	6.0738e-04	----CTCTGCTG GMCCCCCGCNG	
MA0055.1_Myf	6.4850e-04	----CTCTGCTG MRGCARCTGCTG	

MA0402.1_SWI5 8.0207e-04

---CAGCAGAG
NACCAGCA---



M92

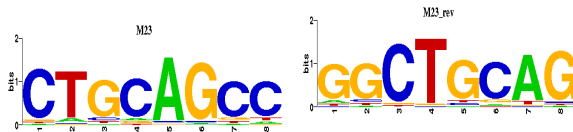


forward

reverse compliment

Name	E value	Alignment	Motif
MA0062.1_GABPA	5.2669e-07	-TCTTCTGG- SNCTTCCGGT	
MA0026.1_Eip74EF	1.1997e-05	TCTTCTGG -YTTCCGG	
MA0076.1_ELK4	7.3138e-05	TCTTCTGG- ACTTCCGGT	
MA0062.2_GABPA	2.4640e-04	CCAGAAGA--- CCGGAAGTGNN	
MA0287.1_CUP2	7.7318e-04	CCAGAAGA---- -CAGCARAAWG	

M23



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

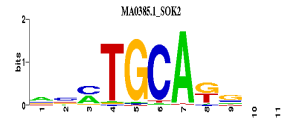
MA0055.1_Myf 2.7219e-04

----GGCTGCAG
MRGCARCTGCTG



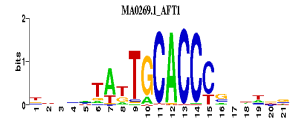
MA0385.1_SOK2 9.3056e-04

-GGCTGCAG--
NNNMTGCAKNN



MA0269.1_AFT1 2.4270e-03

-----GGCTGCAG-----
NNNNNNGGGTGCAMTANNNNN



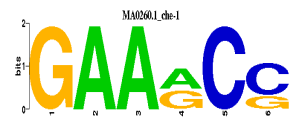
MA0410.1_UGA3 3.2989e-03

CTGCAGCC-
-TCCCGCCN

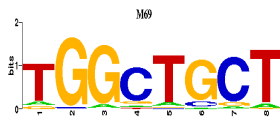


MA0260.1_che-1 3.8108e-03

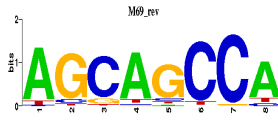
CTGCAGCC
--GAARCC



M69



forward



reverse compliment

Name

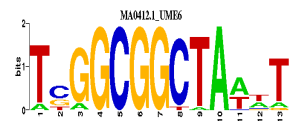
E value

Alignment

Motif

MA0412.1_UME6 5.0712e-04

----AGCAGCCA-
AWWTAGCCGCCSA



MA0055.1_Myf 1.8175e-03

-AGCAGCCA---
CAGCAGYTGCYK



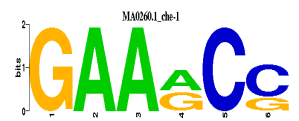
MA0402.1_SWI5 3.8015e-03

-AGCAGCCA
NACCAGCA-



MA0260.1_che-1 5.5627e-03

TGGCTGCT
-GGYTTC-

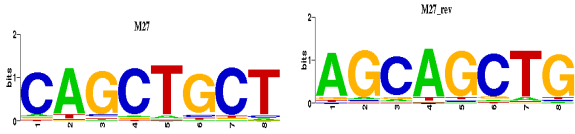


MA0048.1_NHLH1 5.9464e-03

-AGCAGCCA---
NCGCAGCTGCGN



M27

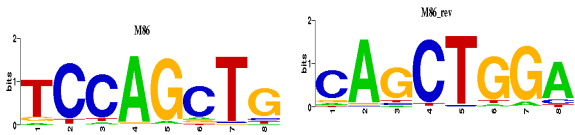


forward

reverse compliment

Name	E value	Alignment	Motif
MA0055.1_Myf	7.8554e-09	-AGCAGCTG--- MRGCARCTGCTG	
MA0048.1_NHLH1	4.6660e-08	-AGCAGCTG--- NCGCAGCTGCGN	
MA0086.1_sna	1.8488e-04	CAGCTGCT CACCTG--	
MA0091.1_TAL1_TCF3	8.3865e-04	AGCAGCTG---- AMCAGATGKTNN	
MA0412.1_UME6	2.8547e-03	----AGCAGCTG- AWWTAGCCGCCSA	

M86



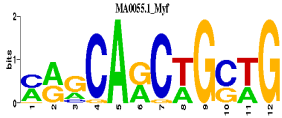


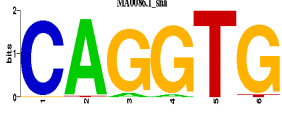

forward

reverse compliment

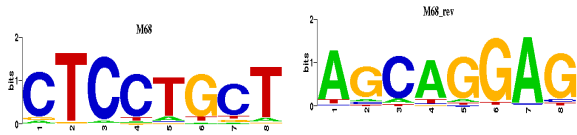
Name	E value	Alignment	Motif
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Stamp Results

10/01/13


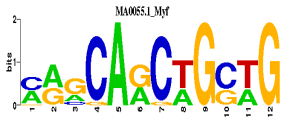
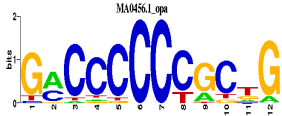

MA0055.1_Myf	4.2564e-05	-TCCAGCTG--- CAGCAGYTGCYK	
MA0048.1_NHLH1	4.6148e-05	---CAGCTGGA- NCGCAGCTGCGN	
MA0267.1_ACE2	1.8424e-04	CAGCTGGA -NGCTGGN	
MA0086.1_sna	1.8648e-04	CAGCTGGA CACCTG--	
MA0091.1_TAL1_TCF3	5.3273e-04	--CAGCTGGA-- AMCAGATGKTNN	

M68



forward

reverse compliment

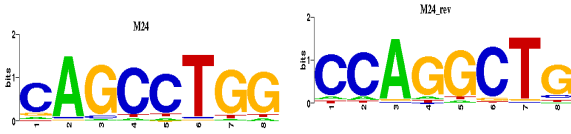
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0086.1_sna	1.9312e-04	CTCCTGCT CACCTG--	
MA0055.1_Myf	4.4890e-04	CTCCTGCT---- CAGCAGYTGCYK	
MA0456.1_opa	6.9739e-04	-AGCAGGAG--- CNGCGGGGGK	
MA0156.1_FEV	9.2037e-04	--CTCCTGCT AYTTCCTG--	

MA0364.1_REI1 1.3543e-03

CTCCTGCT
CCCCTGN-



M24

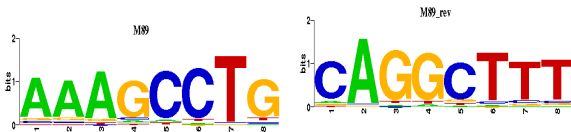


forward

reverse compliment

Name	E value	Alignment	Motif
MA0112.2_ESR1	5.7227e-04	-----CAGCCTGG--- NNNNNAGGTCANNNTGACCY	
MA0144.1_Stat3	2.4063e-03	CAGCCTGG-- CTTCNGGAA	
MA0344.1_NHP10	3.4206e-03	--CCAGGCTG TCCCCGN--	
MA0138.1_REST	4.4355e-03	-----CCAGGCTG---- GNGCTGTCCNWGGTGCTGA	
MA0456.1_opa	4.9463e-03	CAGCCTGG---- CNGCGGGGGGKC	






M89



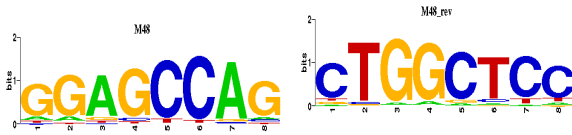
forward

reverse compliment

Name	E value	Alignment	Motif
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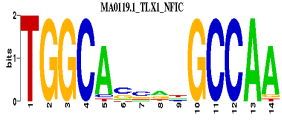

MA0053.1_MNB1A	2.5859e-06	CAGGCTTT ---NCTTT	
MA0064.1_PBF	4.4287e-06	CAGGCTTT ---RCTTT	
MA0020.1_Dof2	1.8166e-05	CAGGCTTT --NGCTTT	
MA0021.1_Dof3	6.9612e-05	CAGGCTTT --NRCTTT	
MA0290.1_DAL81	2.8406e-04	-AAAGCCTG----- AAAAGCCGCGGGCGGGATT	

M48



forward

reverse compliment

Name	E value	Alignment	Motif
MA0213.1_brk	4.8451e-06	GGAGCCAG RGCGCCRS	
MA0119.1_TLX1_NFIC	1.9421e-03	-----GGAGCCAG TTGGCNNNSTGCCA-	
MA0099.2_API	2.2616e-03	CTGGCTCC -TGACTCA	
MA0092.1_Hand1_T	2.3192e-03	GGAGCCAG--- -NWNCCAGAYN	

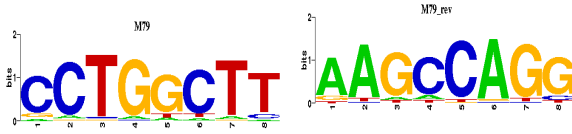
MA0272.1_ARG81

2.4419e-03

GGAGCCAG
NGAGTCAN



M79

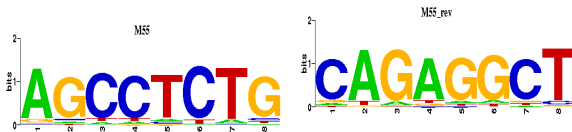


forward

reverse compliment

Name	E value	Alignment	Motif
MA0145.1_Tcfcp211	7.0178e-05	CCTGGCTT----- -CYGGNTNNRNCYGG	
MA0323.1_IXR1	2.3263e-04	-----CCTGGCTT CMCCGCTTCCGGYTT	
MA0263.1_ttx-3_c	3.9522e-04	-----AAGCCAGG YTAACKAARCCAAT	
MA0260.1_che-1	5.2586e-04	CCTGGCTT- ---GGYTTC	
MA0304.1_GCR1	9.1364e-04	CCTGGCTT--- ---GGCTTCCA	


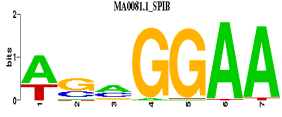



M55



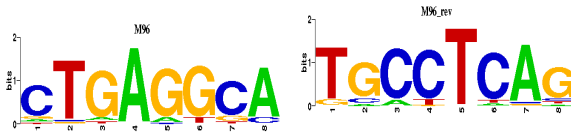
forward

reverse compliment

Name	E value	Alignment	Motif
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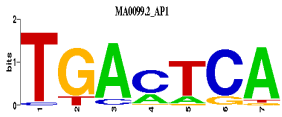


MA0364.1_REI1	1.0147e-03	-CAGAGGCT NCAGGGG--	
MA0081.1_SPIB	2.1281e-03	CAGAGGCT -ASMGGAA	
MA0412.1_UME6	2.9400e-03	----AGCCTCTG- AWWTAGCCGCCSA	
MA0271.1_ARG80	5.9591e-03	AGCCTCTG -NGTTCW-	
MA0285.1_CRZ1	6.0888e-03	---AGCCTCTG NNNAGCCNC--	

M96



forward

reverse compliment

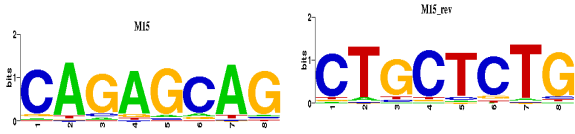
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0150.1_NFE2L2	6.7984e-07	--CTGAGGCA- TGCTNWTGTCAY	
MA0099.2_API	1.9691e-06	CTGAGGCA -TGAGTCA	
MA0099.1_Fos	1.2119e-04	TGCCTCAG TGANTCAC	
MA0332.1_MET28	1.8207e-04	TGCCTCAG --CCACAG	

MA0340.1_MOT3 3.2626e-04

TGCCTCAG
TRCCTN--



M15

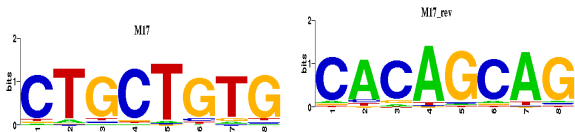


forward

reverse compliment

Name	E value	Alignment	Motif
MA0451.1_kni	1.0382e-04	CTGCTCTG---- NIGCTCTANTTT	
MA0326.1_MAC1	6.5186e-04	CAGAGCAG-- -YGAGCAA	
MA0276.1_ASH1	4.2639e-03	-CTGCTCTG- CCYGATNYGG	
MA0081.1_SPIB	8.7958e-03	CTGCTCTG TTCKST-	
MA0053.1_MNB1A	1.3185e-02	CTGCTCTG --NCTTT-	






M17



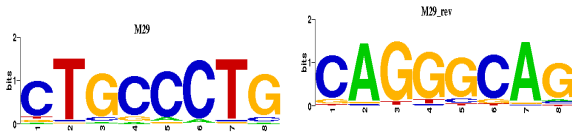
forward

reverse compliment

Name	E value	Alignment	Motif
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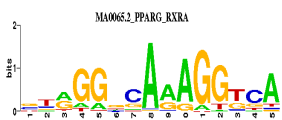
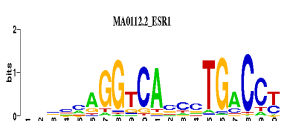

MA0332.1_MET28	1.8111e-05	CTGCTGTG- ---CTGTGG	
MA0150.1_NFE2L2	2.1579e-05	----CACAGCAG RTGACWNAGCA-	
MA0454.1_odd	9.2242e-05	---CTGCTGTG NTGCTACTGTN	
MA0055.1_Myf	6.7015e-04	-----CTGCTGTG MRGCARCTGCTG--	
MA0335.1_MET4	7.4608e-04	CTGCTGTG- -ANCTGTGG	

M29



forward

reverse compliment

Name	E value	Alignment	Motif
MA0364.1_REI1	1.8937e-04	-CAGGGCAG NCAGGGG--	
MA0065.2_PPARG_RXRA	6.3833e-04	-CAGGGCAG----- NNRGGNCAAAGGKCA	
MA0112.2_ESR1	1.3954e-03	CAGGGCAG----- -RGGTCANNNTGACCTNNNNN	
MA0366.1_RGM1	1.8741e-03	CTGCCCTG --CCCCT-	

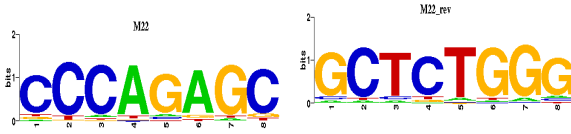
MA0342.1_MSNA

2.0352e-03

CTGCCCTG
--CCCCT--



M22

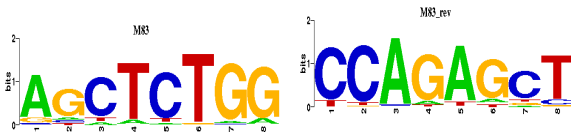


forward

reverse compliment

Name	E value	Alignment	Motif
MA0332.1_MET28	1.5283e-04	CCCAGAGC --CCACAG--	
MA0451.1_kni	2.8972e-04	--GCTCTGGG-- NIGCTCTANTTT	
MA0003.1_TFAP2A	7.5588e-04	--CCCAGAGC SCNNNNGGC	
MA0362.1_RDS2	1.3245e-03	CCCAGAGC CCCCGAN--	
MA0154.1_EBF1	1.8434e-03	GCTCTGGG-- TCCCTNNGGN	




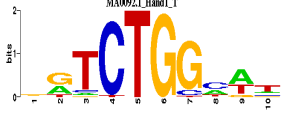

M83



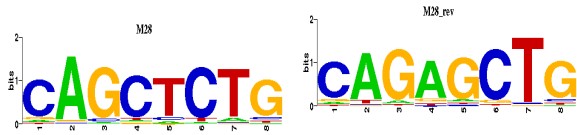
forward

reverse compliment

Name	E value	Alignment	Motif
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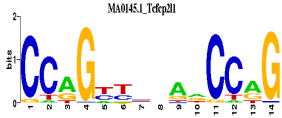
MA0335.1_MET4	2.6063e-05	CCAGAGCT CCACAGNT	
MA0332.1_MET28	2.6444e-04	CCAGAGCT CCACAG--	
MA0451.1_kni	3.0734e-04	---CCAGAGCT- AAANTAGAGCAN	
MA0092.1_Hand1_T	3.0805e-03	---CCAGAGCT NWNCCAGAYN-	
MA0389.1_SRD1	3.3219e-03	CCAGAGCT NNAGATCT	

M28



forward

reverse compliment

Name	E value	Alignment	Motif
MA0048.1_NHLH1	3.0076e-03	-CAGAGCTG--- NCGCAGCTGCGN	
MA0389.1_SRD1	4.4931e-03	CAGCTCTG- -AGATCTNN	
MA0335.1_MET4	4.5662e-03	CAGCTCTG- -ANCTGTGG	
MA0145.1_Tefcp211	9.8972e-03	-CAGCTCTG----- CCRGNYNNANCCRG	

Stamp Results

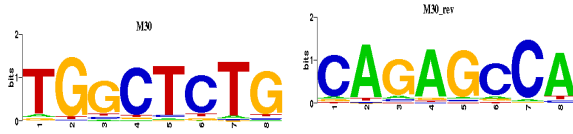
10/01/13

MA0121.1_ARR10 1.0052e-02

-CAGAGCTG
NMRNATCT-



M30

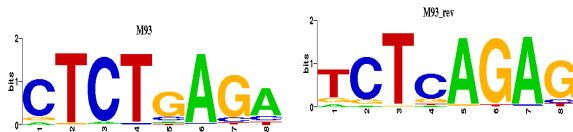


forward

reverse compliment

Name	E value	Alignment	Motif
MA0278.1_BAS1	3.4606e-04	-----CAGAGCCA----- NNNNRGCCNGAGTCARNWNNN	
MA0316.1_HAP5	5.3367e-04	-----CAGAGCCA- ACCAATNAGMNNSSN	
MA0150.1_NFE2L2	2.1883e-03	--CAGAGCCA- TGCTNWTGTCAY	
MA0213.1_brk	2.6213e-03	-TGGCTCTG SYGGCGCY-	
MA0326.1_MAC1	2.7398e-03	CAGAGCCA- -YGAGCAAA	






M93



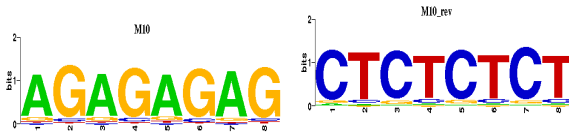
forward

reverse compliment

Name	E value	Alignment	Motif
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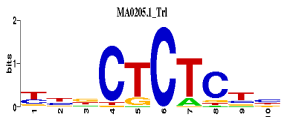
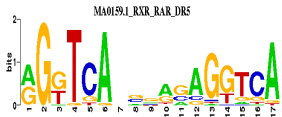
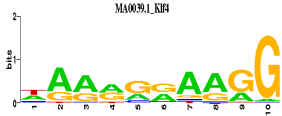

MA0432.1_YNR063W	1.7732e-05	-TCTCAGAG ATCTCCGA-	
MA0407.1_THI2	1.0549e-03	--TCTCAGAG----- GTTCTTASRGTTKCC	
MA0354.1_PDR8	3.6682e-03	-TCTCAGAG ATCTCCGN-	
MA0282.1_CEP3	8.2835e-03	-CTCTGAGA NTTCCGAR-	
MA0204.1_Six4	1.0858e-02	CTCTGAGA- ---TGANAC	

M10



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0205.1_Trl	3.8745e-03	---CTCTCTCT YNNCTCTCNN-	
MA0159.1_RXR_RAR_DR5	5.9900e-03	---CTCTCTCT----- TGACCTNYNNNTGAMCY	
MA0039.1_Klf4	9.2303e-03	-AGAGAGAG- NAARRRAAGG	
MA0207.1_achi	2.6215e-02	AGAGAGAG --TGACAG	

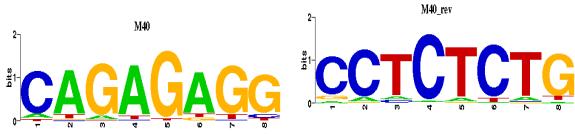
MA0298.1_FZF1

2.7244e-02

AGAGAGAG
--TGATAG



M40



forward

reverse compliment

Name

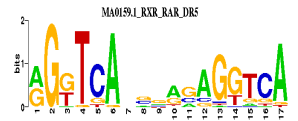
E value

Alignment

Motif

MA0159.1_RXR_RAR_DR5 3.7494e-04

---CCTCTCTG-----
TGACCTNYNNNTGAMCY



MA0081.1_SPIB

2.4455e-03

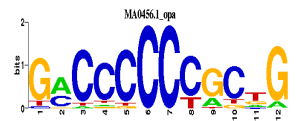
--CCTCTCTG
TTCKST---



MA0456.1_opa

2.8529e-03

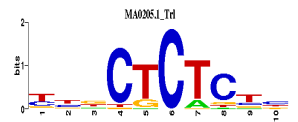
CAGAGAGG----
CNGCGGGGGGKC



MA0205.1_Tr1

3.9166e-03

CAGAGAGG--
NNGAGAGNNR



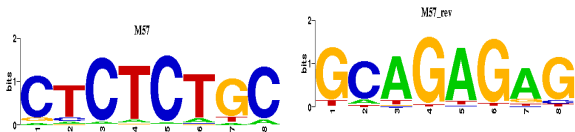
MA0354.1_PDR8

3.9550e-03

CCTCTCTG--
-ATCTCCGN



M57



forward

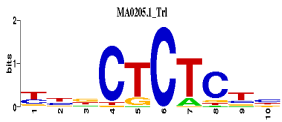




reverse compliment

Name

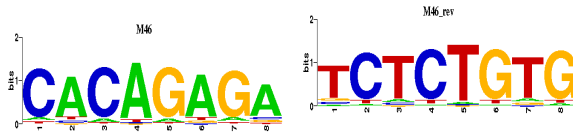
E value

Alignment

Motif


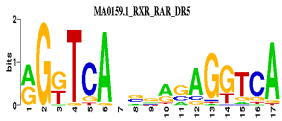
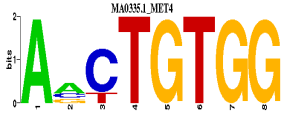
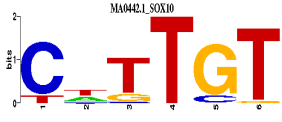
MA0205.1_Trl	3.8005e-03	GCAGAGAG--- -NNGAGAGNNR	
MA0354.1_PDR8	3.9561e-03	CTCTCTGC ATCTCCGN	
MA0432.1_YNR063W	4.0061e-03	CTCTCTGC ATCTCCGA	
MA0287.1_CUP2	4.5052e-03	-CTCTCTGC-- CWTTTTYGCTG	
MA0283.1_CHA4	7.1190e-03	CTCTCTGC- -NCTCCGCC	

M46



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0332.1_MET28	1.8607e-05	-CACAGAGA CCACAG---	
MA0159.1_RXR_RAR_DR5	1.8215e-04	-----TCTCTGTG----- TGACCTNYNNNTGAMCY	
MA0335.1_MET4	6.9729e-04	-CACAGAGA CCACAGNT-	
MA0442.1_SOX10	8.3952e-04	CACAGAGA -ACAAWG-	

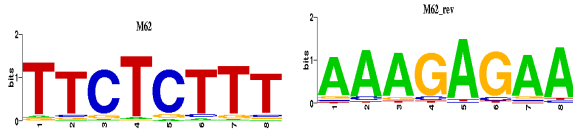
MA0428.1_YKL222C

1.0229e-03

CACAGAGA-
NACGGARAT



M62

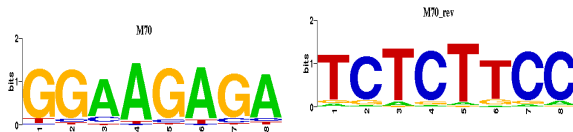


forward

reverse compliment

Name	E value	Alignment	Motif
MA0277.1_AZF1	1.9141e-07	-TTCCTTT TTCCTTTT	
MA0011.1_br_Z2	2.8186e-06	AAAGAGAA AAATAGNW	
MA0050.1_IRF1	5.5805e-06	---TTCCTTT- GGTTTCRNTTNN	
MA0051.1_IRF2	2.5580e-05	-----TTCCTTT-- NNWWNRSTTTCRCTTCS	
MA0459.1_tll	4.3563e-04	-TTCCTTT- KTTGACTTTT	

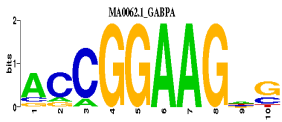
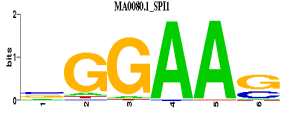



M70



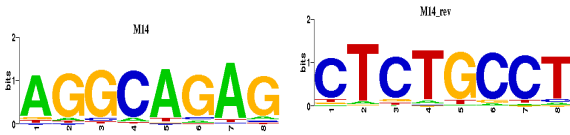
forward

reverse compliment

Name	E value	Alignment	Motif
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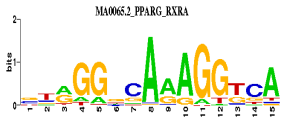

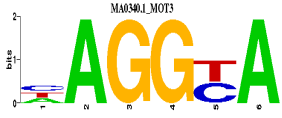
MA0062.1_GABPA	3.7010e-08	TCTCTTCC--- -SNCTTCCGGT	
MA0080.1_SPI1	4.0946e-05	TCTCTTCC- ---STTCCN	
MA0305.1_GCR2	1.8439e-04	-GGAAGAGA NNGAAGC--	
MA0080.2_SPI1	2.1669e-04	TCTCTTCC- --ACTTCT	
MA0062.2_GABPA	2.8504e-04	-TCTCTTCC-- NNCACTTCCGG	

M14



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0283.1_CHA4	3.7557e-05	-CTCTGCCT NCTCCGCC-	
MA0065.2_PPARG_RXRA	9.1599e-05	----CTCTGCCT--- TGMCCTTTGNCCYNN	
MA0062.1_GABPA	2.5129e-04	CTCTGCCT-- SNCTTCCGGT	
MA0340.1_MOT3	3.2212e-04	-AGGCAGAG NAGGYA---	

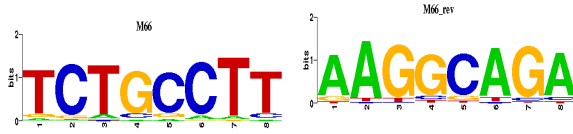
MA0080.2_SPI1

8.7093e-04

CTCTGCCT
-ACTTCCT



M66

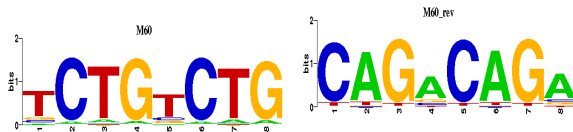


forward

reverse compliment

Name	E value	Alignment	Motif
MA0340.1_MOT3	6.6995e-05	TCTGCCTT --TRCCTN	
MA0149.1_EWSR1-FLI1	1.7948e-03	-----AAGGCAGA----- GGAAGGAAGGAAGGAAGG	
MA0080.2_SPI1	2.1103e-03	AAGGCAGA -AGGAAGT	
MA0065.2_PPARG_RXRA	2.4722e-03	--AAGGCAGA----- NNRGGNCAAAGGKCA	
MA0092.1_Hand1_T	3.5213e-03	AAGGCAGA-- NWNCCAGAYN	



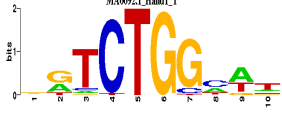


M60



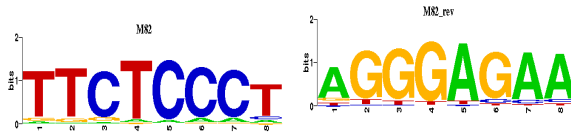
forward

reverse compliment

Name	E value	Alignment	Motif
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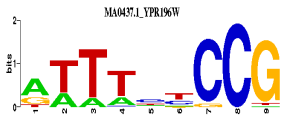



MA0207.1_achi	2.1916e-05	CAGACAGA -TGACAG-	
MA0227.1_hth	4.8480e-05	TCTGTCTG -CTGTCA-	
MA0092.1_Hand1_T	6.3064e-03	CAGACAGA-- NWNCCAGAYN	
MA0332.1_MET28	6.5062e-03	CAGACAGA -CCACAG-	
MA0252.1_vis	6.5112e-03	TCTGTCTG -NTGTCA-	

M82



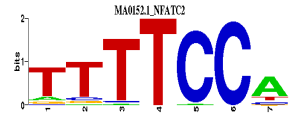
forward

reverse compliment

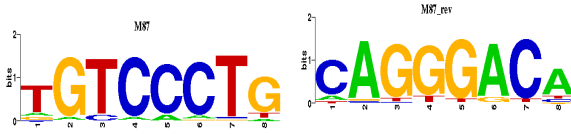
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0437.1_YPR196W	7.6381e-05	AGGGAGAA-- -CGGRNAAAT	
MA0432.1_YNR063W	2.6049e-04	TTCTCCCT ATCTCCGA	
MA0354.1_PDR8	6.6605e-04	TTCTCCCT ATCTCCGN	
MA0057.1_MZF1_5-13	8.0738e-04	--AGGGAGAA NKAGGGGNAN	

MA0152.1_NFATC2 1.3650e-03

AGGGAGAA
-TGGAAAA



M87

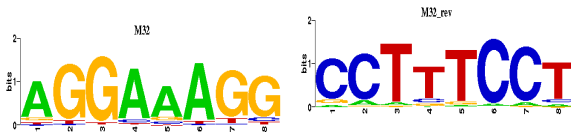


forward

reverse compliment

Name	E value	Alignment	Motif
MA0138.1_REST	1.8101e-05	-----CAGGGACA----- TCAGCACCWNGGACAGCNC	
MA0138.2_REST	3.3767e-05	-----TGTCCTG----- GNNGCTGTCCNNGGTGCTGAN	
MA0364.1_REI1	1.7961e-04	-CAGGGACA NCAGGGG--	
MA0154.1_EBF1	3.3656e-04	----CAGGGACA NCCNAGGGA--	
MA0071.1_RORA_1	1.0445e-03	TGTCCTG-- TGACCTNNWW	

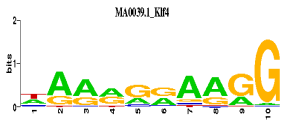

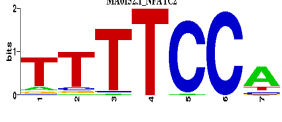

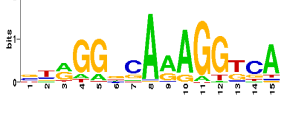
M32



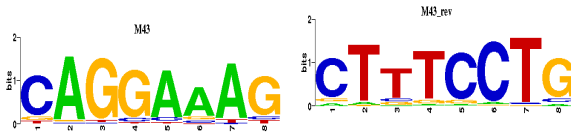
forward

reverse compliment

Name	E value	Alignment	Motif
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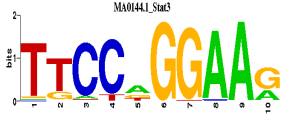

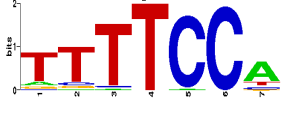
MA0039.1_Klf4	5.0977e-07	CCTTTCCT-- CCTTYYYTTN	
MA0156.1_FEV	2.5423e-05	-AGGAAAGG CAGGAART-	
MA0152.1_NFATC2	1.8039e-04	AGGAAAGG TGGAAAA-	
MA0080.2_SPI1	2.0205e-04	CCTTTCCT -ACTTCCT	
MA0065.2_PPARG_RXRA	5.8681e-04	---CCTTTCCT--- TGMCCTTGNCCYNN	

M43



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0156.1_FEV	1.5564e-08	CTTTCCTG AYTTCCTG	
MA0144.1_Stat3	1.4065e-05	---CAGGAAAG TTCCNGGAAG-	
MA0026.1_Eip74EF	6.6260e-05	CTTTCCTG -YTTCCGG	
MA0152.1_NFATC2	1.8441e-04	CAGGAAAG -TGGAAAA	

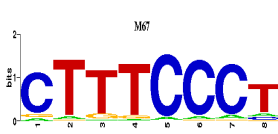
MA0080.2_SPI1

2.0573e-04

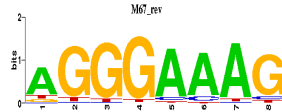
CTTTCCTG
ACTTCCT-



M67



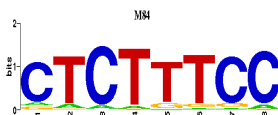
forward



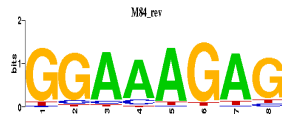
reverse compliment

Name	E value	Alignment	Motif
MA0039.1_Klf4	7.3508e-05	--AGGGAAAG NAARRRAAGG	
MA0152.1_NFATC2	1.8571e-04	AGGGAAAG -TGGAAAA	
MA0051.1_IRF2	2.2879e-04	-----CTTTCCT----- NNWWNRSTTTTCRCTTTCS	
MA0120.1_id1	5.2276e-04	-----AGGGAAAG CGNNANNRRMNA-	
MA0428.1_YKL222C	6.0405e-04	CTTTCCT- ATYTCCGTN	

M84

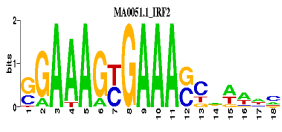

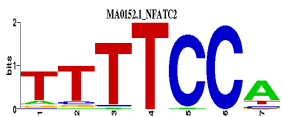




forward

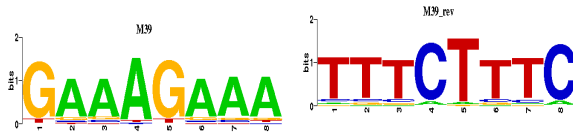


reverse compliment

Name	E value	Alignment	Motif
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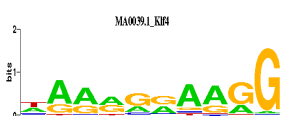


MA0051.1_IRF2	7.0377e-05	-----CTCTTTCC NNWWNRSTTTTCRCTTCS	
MA0294.1_EDS1	1.1234e-04	CTCTTTCC- NTTNTTCCN	
MA0152.1_NFATC2	1.9698e-04	-GGAAAGAG TGGAAAA--	
MA0062.1_GABPA	3.6749e-04	CTCTTTCC-- SNCTTCCGGT	
MA0438.1_YRM1	7.0682e-04	CTCTTTCC-- --ATNTCCGN	

M39



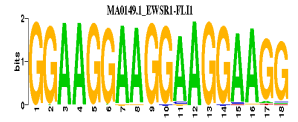
forward

reverse compliment

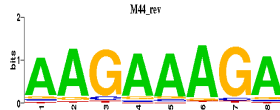
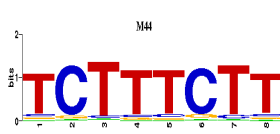
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	4.7972e-09	TTTCTTTC- TTTCTTTTT	
MA0039.1_Klf4	2.6365e-05	--TTTCTTTC CCTTYYYTNN	
MA0370.1_RME1	5.3614e-05	--GAAAGAAA TNNAAAGGNA	
MA0216.1_cad	1.4603e-03	GAAAGAAA -YAATAAA	

MA0149.1_EWSR1-FLI1 1.4686e-03

-----TTTCTTTC-
CCTTCCTTCCTTCCTTC



M44



forward

reverse compliment

Name

E value

Alignment

Motif

MA0277.1_AZF1

7.8891e-06

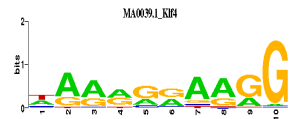
TCTTCTT---
--TTTCTTTTT



MA0039.1_Klf4

2.5633e-05

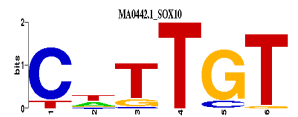
--AAGAAAGA
NAARRRAAGG



MA0442.1_SOX10

3.1938e-04

TCTTCTT
-CWTTGT-



MA0080.2_SPI1

5.9785e-04

TCTTCTT
ACTTCCT-

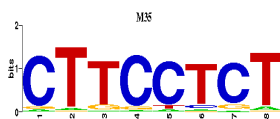


MA0149.1_EWSR1-FLI1 1.0504e-03

--AAGAAAGA-----
GGAAGGAAGGAAGGAAGG



M35



forward

reverse compliment

Name

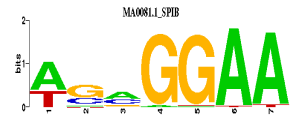
E value

Alignment

Motif

MA0081.1_SPIB 9.3609e-10

CTTCCTCT
-TTCKST



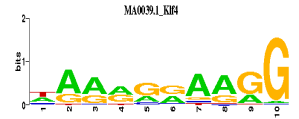
MA0080.2_SPI1 2.0574e-07

-CTTCCTCT
ACTTCCT--



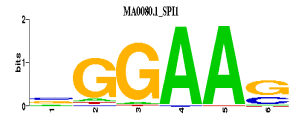
MA0039.1_Klf4 8.0510e-06

-CTTCCTCT-
CCTTYYTNN



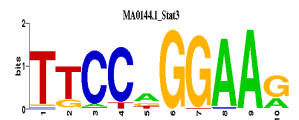
MA0080.1_SPI1 4.2188e-05

CTTCCTCT
STTCN--

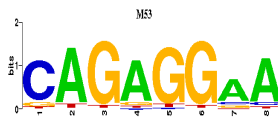


MA0144.1_Stat3 4.9748e-05

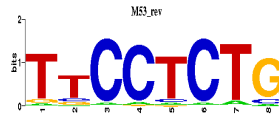
CTTCCTCT--
CTTCNGGAA



M53



forward



reverse compliment

Name

E value

Alignment

Motif

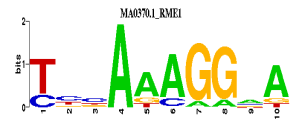
MA0081.1_SPIB 1.4444e-09

TTCCTCTG
TTCKST-



MA0370.1_RME1 2.0537e-07

--CAGAGGAA
TNNAAAGGNA



MA0090.1_TEAD1 2.2236e-06

CAGAGGAA----
CNSWGGAATGTR



MA0080.2_SPI1 2.0702e-04

--TTCCTCTG
ACTTCCT---

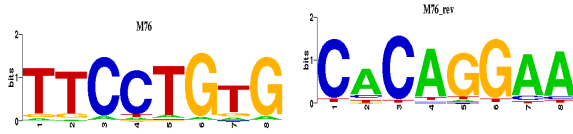


MA0287.1_CUP2 3.8147e-04

---TTCCTCTG
CWITTTYTGCTG



M76

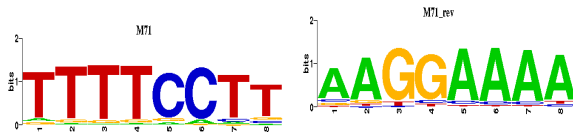


forward

reverse compliment

Name	E value	Alignment	Motif
MA0081.1_SPIB	1.6505e-06	TTCCTGTG TTCCKST-	
MA0156.1_FEV	2.1367e-06	CACAGGAA-- --CAGGAART	
MA0370.1_RME1	2.8671e-06	TTCCTGTG-- TNCCTTTNNA	
MA0332.1_MET28	1.9162e-05	-CACAGGAA CCACAG---	
MA0144.1_Stat3	2.4056e-05	-TTCCTGTG- CTCCNGGAA	


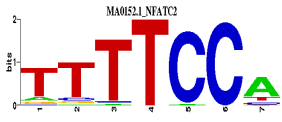



M71



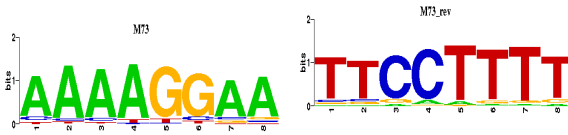
forward

reverse compliment

Name	E value	Alignment	Motif
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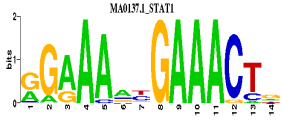
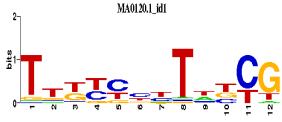
MA0120.1_id1	8.8144e-08	----AAGGAAAA CGNNANNRRMNA	
MA0152.1_NFATC2	1.6267e-07	AAGGAAAA -TGGAAAA	
MA0277.1_AZF1	8.5139e-06	--AAGGAAAA AAAAAGAAA-	
MA0294.1_EDS1	1.0025e-05	--TTTTCCTT NTTNTTCN-	
MA0156.1_FEV	2.5308e-05	TTTTCCTT AYTTCCTG	

M73



forward

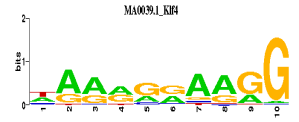
reverse compliment

Name	E value	Alignment	Motif
MA0277.1_AZF1	4.3518e-09	-TTCCTTTT TTTCTTTT	
MA0370.1_RME1	2.3435e-08	--AAAAGGAA TNNAAAGGNA	
MA0137.1_STAT1	6.8964e-06	--AAAAGGAA---- RGAAANNNGAAACTN	
MA0120.1_id1	7.4681e-06	--AAAAGGAA-- CGNNANNRRMNA	

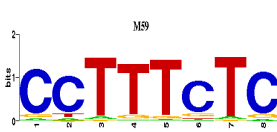
MA0039.1_Klf4

2.7011e-05

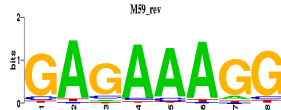
AAAAGGAA--
NAARRRAAGG



M59



forward



reverse compliment

Name

E value

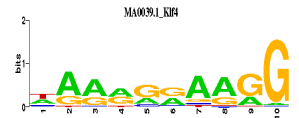
Alignment

Motif

MA0039.1_Klf4

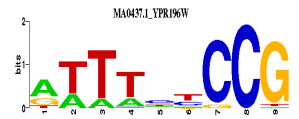
1.5967e-05

CCTTTCTC--
CCTTYYTTN



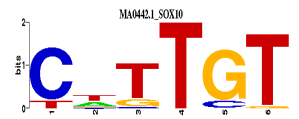
MA0437.1_YPR196W 1.1276e-04

CCTTTCTC--
-ATTTNYCCG



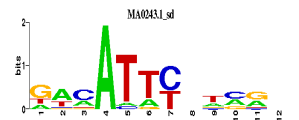
MA0442.1_SOX10 2.2818e-04

GAGAAAGG
-ACAAWG-



MA0243.1_sd 7.0756e-04

--GAGAAAGG--
NYNNNRAATKWN

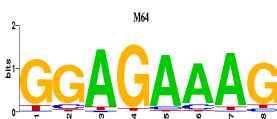


MA0080.2_SPI1 9.3909e-04

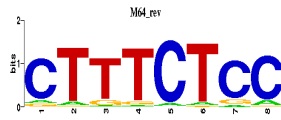
CCTTTCTC
ACTTCCT-



M64



forward



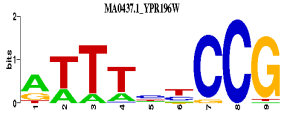


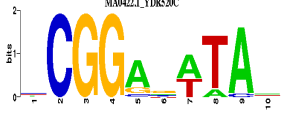
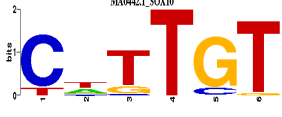
reverse compliment

Name

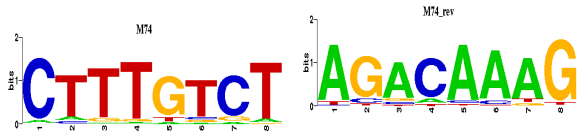
E value

Alignment

Motif

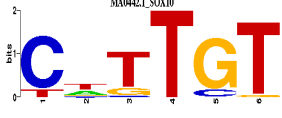
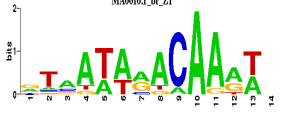

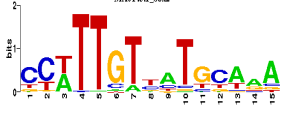
MA0437.1_YPR196W	1.3058e-07	-GGAGAAAG CGGRNAAAT	
MA0294.1_EDS1	1.4570e-04	CTTTCTCC- NTTNTTCCN	
MA0432.1_YNR063W	3.2620e-04	CTTTCTCC-- --ATCTCCGA	
MA0422.1_YDR520C	3.6488e-04	CTTTCTCC-- NTAWNTCCGN	
MA0442.1_SOX10	3.9998e-04	GGAGAAAG --ACAAG	

M74



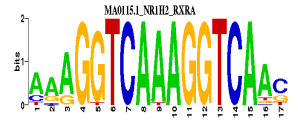
forward

reverse compliment

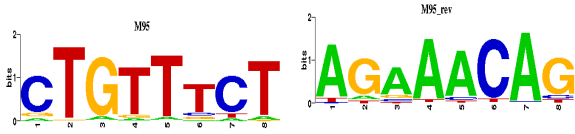
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0442.1_SOX10	6.0674e-08	CTTTGTCT CWTGT--	
MA0010.1_br_Z1	2.4696e-05	-CTTTGTCT----- NWYTTGTYTATNAN	
MA0078.1_Sox17	1.2124e-04	AGACAAAG-- -SACAATRN	
MA0143.1_Sox2	1.1619e-03	-----AGACAAAG- TNTGCATNACAAGG	

MA0115.1_NR1H2_RXRA 1.4313e-03

-----CTTTGTCT---
STTGACCTTTGACCTTT



M95

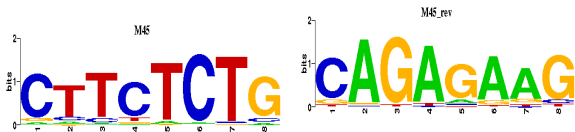


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0126.1_ovo	1.2254e-06	-CTGTTTCT NCNGTTACW	
MA0239.1_prd	1.2254e-06	-CTGTTTCT NCNGTTACW	
MA0233.1_mirr	6.5705e-05	CTGTTTCT -TGTTW--	
MA0297.1_FKH2	1.7313e-04	CTGTTTCT -TGTTTAC	
MA0210.1_ara	1.8835e-04	CTGTTTCT -TGTTW--	

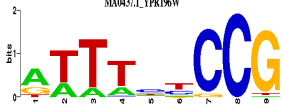




M45



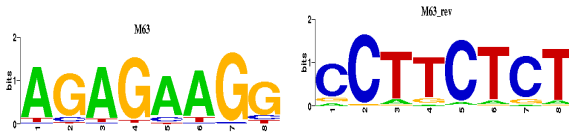
forward

reverse compliment

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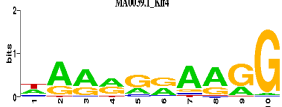



MA0437.1_YPR196W	3.4726e-04	-CTTCTCTG ATTTNYCCG	
MA0035.2_Gata1	4.5993e-04	--CTTCTCTG- NNNTTATCTNN	
MA0287.1_CUP2	5.5696e-04	CTTCTCTG--- CWTTTYTGCTG	
MA0432.1_YNR063W	1.3988e-03	CTTCTCTG- -ATCTCCGA	
MA0289.1_DAL80	1.5282e-03	CTTCTCTG CTTATCG-	

M63



forward

reverse compliment

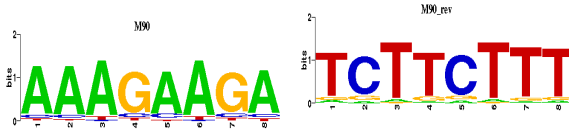
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0039.1_Klf4	1.1029e-04	CCTTCTCT-- CCTYYTNTN	
MA0035.2_Gata1	2.4339e-04	-CCTTCTCT-- NNNTTATCTNN	
MA0289.1_DAL80	9.8697e-04	AGAGAAGG CGATAAG-	
MA0029.1_Evi1	1.8117e-03	-----CCTTCTCT- NNTTATCTTRTCTN	

MA0300.1_GAT1 2.7373e-03

CCTTCTCT-
-CTTATCNN



M90

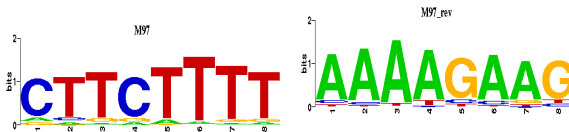


forward

reverse compliment

Name	E value	Alignment	Motif
MA0277.1_AZF1	8.6642e-06	TCTTCTTT-- -TTTCTTTTT	
MA0127.1_PEND	2.1903e-05	--AAAGAAGA MATAAGAANT	
MA0377.1_SFL1	5.2697e-05	-----TCTTCTTT----- WNWNNNWTCCTCNNTNNNNNN	
MA0080.2_SPI1	1.0818e-03	AAAGAAGA -AGGAAGT	
MA0149.1_EWSR1-FLI1	1.6737e-03	-----TCTTCTTT-- CCTTCCTTCCTTCCTTCC	

M97




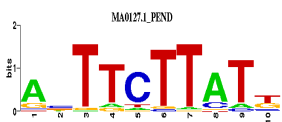
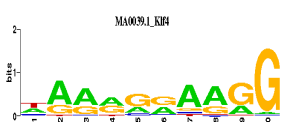


forward

reverse compliment

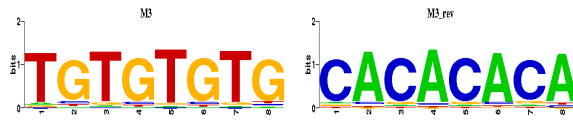
Name	E value	Alignment	Motif
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Stamp Results

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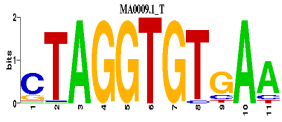
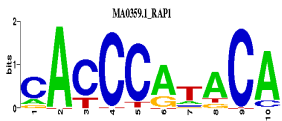



MA0277.1_AZF1	5.1950e-09	CTTCTTTT- TTTCTTTT	
MA0127.1_PEND	5.2991e-07	-AAAAGAAG- MATAAGAANT	
MA0039.1_Klf4	3.0500e-05	-CTTCTTTT- CCTTYYYYTN	
MA0370.1_RME1	1.3453e-04	CTTCTTTT--- -TNCCTTTNNA	
MA0011.1_br_Z2	8.9405e-04	CTTCTTTT- -WNCTATTT	

M3

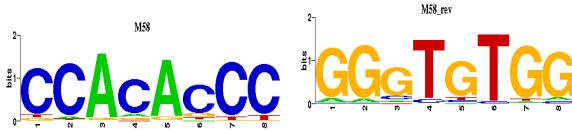


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0009.1_T	1.0788e-03	--CACACACA- TTCACACCTAG	
MA0359.1_RAP1	1.4499e-03	--CACACACA CACCCATACA	
MA0327.1_MATA1	1.8239e-03	CACACACA-- ---RCACAAT	
MA0041.1_Foxd3	2.5203e-03	-CACACACA--- AAANAAACAWTN	
MA0288.1_CUP9	2.5506e-03	TGTGTGTG- WWTGTGTCA	

M58

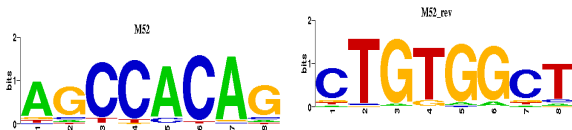


forward

reverse compliment

Name	E value	Alignment	Motif
MA0039.2_Klf4	1.4111e-09	-CCACACCC- GCCMCRCCCN	
MA0270.1_AFT2	2.3200e-06	CCACACCC- -NACACCCN	
MA0332.1_MET28	1.8364e-05	CCACACCC CCACAG--	
MA0009.1_T	3.0945e-05	-CCACACCC-- TTCACACCTAG	
MA0450.1_hkb	3.7254e-05	-GGGTGTGG KGGGCGTGA	

M52



forward

reverse compliment

Name	E value	Alignment	Motif
MA0332.1_MET28	4.1098e-09	CTGTGGCT CTGTGG--	

MA0334.1_MET32 1.6664e-07

AGCCACAG
NGCCACA-



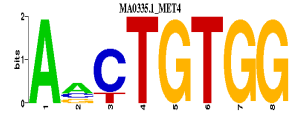
MA0002.2_RUNX1 2.5061e-07

-AGCCACAG--
NAACCACARNN



MA0335.1_MET4 1.6155e-06

AGCCACAG--
--CCACAGNT

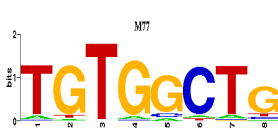


MA0285.1_CRZ1 5.6125e-05

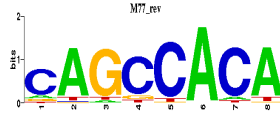
---AGCCACAG
NNNAGCCNC--



M77



forward



reverse compliment

Name

E value

Alignment

Motif

MA0334.1_MET32 1.7798e-07

TGTGGCTG
TGTGGCN-



MA0332.1_MET28 1.9031e-05

CAGCCACA-
---CCACAG



MA0285.1_CRZ1 6.9891e-05

TGTGGCTG--
-GNGGCTNNN



MA0002.2_RUNX1 7.0047e-05

---TGTGGCTG
NNYTGTGGTTN

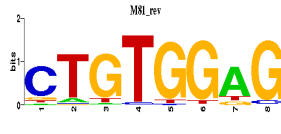
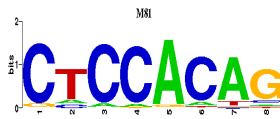


MA0373.1_RPN4 1.8642e-04

TGTGGCTG
GGTGGCG-



M81

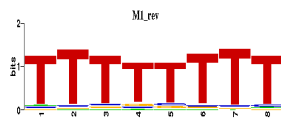
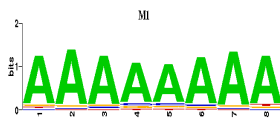


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0332.1_MET28	4.0734e-09	CTCCACAG --CCACAG	
MA0130.1_ZNF354C	8.4339e-07	CTCCACAG MTCCAC--	
MA0335.1_MET4	1.6436e-06	CTCCACAG-- --CCACAGNT	
MA0002.2_RUNX1	7.1374e-05	-CTCCACAG-- NAACCACARNN	
MA0334.1_MET32	1.9104e-04	CTCCACAG NGCCACA-	

M1



forward

reverse compliment

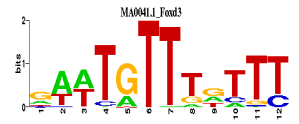
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0277.1_AZF1	6.4012e-08	-TTTTTTTT TTCTTTTT	
MA0049.1_hb	2.9919e-06	-TTTTTTTT- NTTTTTNYKS	

Stamp Results

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MA0041.1_Foxd3 7.7889e-05

AAAAAAAA----
AAANAAACAWTN



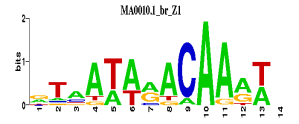
MA0120.1_id1 4.5645e-04

----AAAAAAAA
CGNNANRRMNA

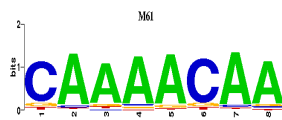


MA0010.1_br_Z1 1.1606e-03

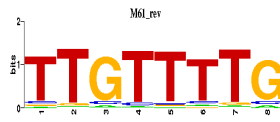
-TTTTTTTT----
NWYTTGTYTATNAN



M61



forward



reverse compliment

Name

E value

Alignment

Motif

MA00445.1_D 1.9215e-06

CAAAACAA----
-ANAACAATRGN



MA0143.1_Sox2 4.4776e-06

----CAAAACAA---
TNTGCATNACAAWGG



MA0142.1_Pou5f1 9.0735e-06

-----CAAAACAA--
ATTGCATNACAAWG



MA0084.1_SRY 2.1496e-05

-TTGTTTTG
ATTGTTWNN

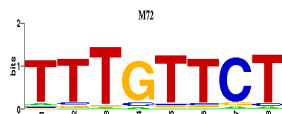


MA0371.1_ROX1 3.4980e-05

----TTGTTTTG
YCNATTGTTCTC



M72



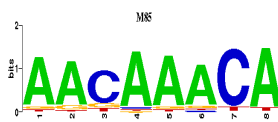
forward



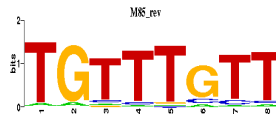
reverse compliment

Name	E value	Alignment	Motif
MA0371.1_ROX1	1.2928e-07	---AGAACAAA--- GAGAACAATNGR	
MA00445.1_D	1.7440e-07	---TTTGTCT NCYATTGTNT	
MA0326.1_MAC1	1.1911e-05	TTTGTCT TTTGCTCR	
MA0143.1_Sox2	1.8665e-05	--TTTGTCT----- CCWTTGTNATGCANA	
MA0142.1_Pou5f1	5.6782e-05	-----AGAACAAA- ATTTGCATNACAAG	

M85



forward



reverse compliment

Name	E value	Alignment	Motif
MA0041.1_Foxd3	4.6957e-10	---AACAAACA--- AAANAAACAWTN	
MA0042.1_FOXI1	4.6690e-09	---AACAAACA--- AWAYAAAYANNN	

MA0446.1_fkh 1.2500e-07

---AACAAACA
NTRNNYAAACA



MA0040.1_Foxq1 1.2599e-06

---TGTTTGT
NATTGTTTATW

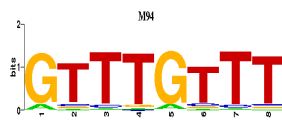


MA0047.1_Foxa2 9.4004e-06

---TGTTTGT-
NANTATTRYTT



M94



forward



reverse compliment

Name

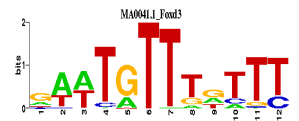
E value

Alignment

Motif

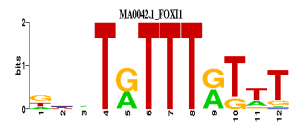
MA0041.1_Foxd3 3.0842e-10

AAACAAAC-----
AAANAAACAWTN



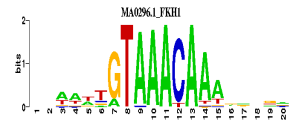
MA0042.1_FOXI1 2.3819e-09

AAACAAAC-----
AWAYAAAYANNN



MA0296.1_FKH1 1.0146e-06

-----GTTTGT-----
NNNNNTTTGTTTACANNWNN



MA0446.1_fkh 1.1299e-06

--AAACAAAC-
NTRNNYAAACA

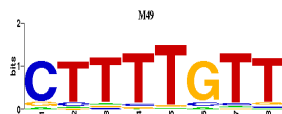


MA0013.1_br_Z4 1.1621e-06

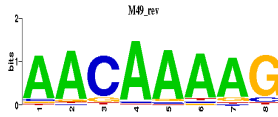
GTTTGT-----
-WTWNTTACTA



M49



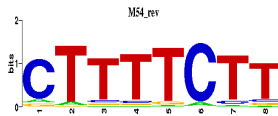
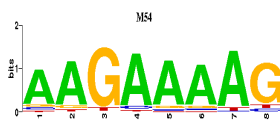
forward



reverse compliment

Name	E value	Alignment	Motif
MA00445.1_D	7.7070e-07	--AACAAAAG-- ANAACAATRGN	
MA0143.1_Sox2	4.8452e-06	-----AACAAAAG TNTGCATNACAAGG	
MA0077.1_SOX9	5.6434e-06	CTTTTGTT-- CYATTGTTN	
MA0045.1_HMG-I_Y	6.9933e-05	-----CTTTTGTT-- RTTYKYNNTTNTNN	
MA0442.1_SOX10	1.2866e-04	AACAAAAG -ACAAG-	

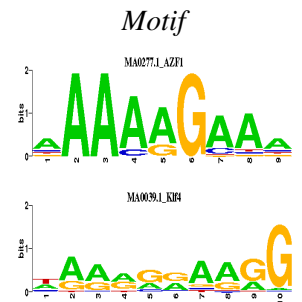
M54



forward

reverse compliment

Name	E value	Alignment	Motif
MA0277.1_AZF1	7.4160e-06	---AAGAAAAG AAAAAGAAA--	
MA0039.1_Klf4	2.5181e-05	CTTTTCTT-- CCTTYYYTNN	



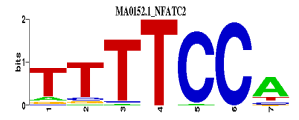
MA0287.1_CUP2 7.5166e-05

CTTTTCTT---
CWTTTTYGCTG



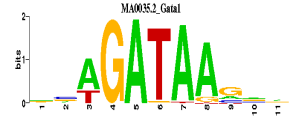
MA0152.1_NFATC2 1.6988e-04

AAGAAAAG
TGGAAA-

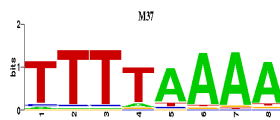


MA0035.2_Gata1 4.9570e-04

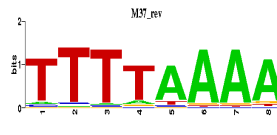
--CTTTTCTT-
NNTTATCTNN



M37



forward



reverse compliment

Name	E value	Alignment	Motif
MA0151.1_ARID3A	6.9652e-05	TTTTAAAA -TTTAA-	
MA0218.1_ct	1.3099e-03	TTTTAAAA --TTRAAC	
MA0108.1_TBP	1.5237e-03	-----TTTTAAAA NNNNNNYWTTTATAN	
MA0108.2_TBP	1.5277e-03	-----TTTTAAAA NNNNNNYWTTTATAN	
MA0173.1_CG11617	1.5469e-03	-TTTTAAAA ATGTWAA--	

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