

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

Input file: 91 motifs loaded

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

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

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

[Download results as a PDF](#)

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Multiple Alignment

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

```

M0 :          -----AAAAAAAA
M1 :          --GGGGGGGG-----
M2 :          --CACACACA-----
M3 :          --TTTTAAAA-----
M4 :          ----GGGAGGAG---
M5 :          ---AGGGAGGG----
M6 :          --GAGGGAGG-----
M7 :          ----CCCAGCCC---
M8 :          -CTTCCCAG-----
M9 :          -----CAGGAAGG-
M10 :         -----AGAGAAAG--
M11 :         -----GAGGAGGG-
M12 :         ---AGGCAGAG----
M13 :         ---GGGAAGGG----
M14 :         ---AGAGAGAG----
M15 :         -----TCCAGGAA---
M16 :         --GGGGCAGG-----
M17 :         -CCCAGCAG-----
M18 :         -----GGAGGGGA--
M19 :         CACCCCCA-----
M20 :         ----GGCAGAGG---
M21 :         -----CAGAGAAG-
M22 :         ----GGGAGAGG---

```

Stamp Results

10/01/13

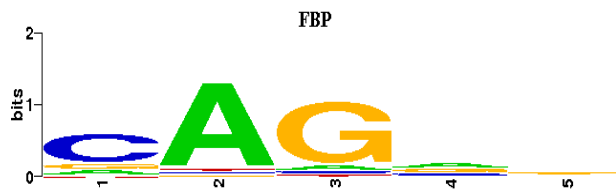
M23: -----AGGAAAGG
M24: ---CAGCAGCA----
M25: -----CAGAGCTG-
M26: -----CAGCCTCC-
M27: --TCCCAGA-----
M28: -----GCAGCAGC--
M29: -----AGAAGAAA
M30: -----CCAGGCTG--
M31: -----AAGGAAAA-
M32: ----GAAAGAAA---
M33: ----GAGAGAGA---
M34: ---CTGCAGAG----
M35: ---GGGGAGGA----
M36: --AGAAAAGA-----
M37: ----GGAAGGAA---
M38: -AGAGGCAG-----
M39: ----CCCAGAGC---
M40: --AGAGCAGG-----
M41: -----CAGGCAGC-
M42: CCACCCCA-----
M43: ---TCCCAGAA----
M44: -AGCCACAG-----
M45: -----CAGCTCCT-
M46: ---CCTCAGCC----
M47: -----CCAGCTCC--
M48: -CCAGCCAG-----
M49: -----GAAGGAAG--
M50: --CCTCCAGG-----
M51: -----CAGGGCAG-
M52: --CAAACAAA-----
M53: -----CAGGGAGA-
M54: ----AGGAGAGA---
M55: -----CAGAGGGA-
M56: -----CAGGGACA-
M57: -----CAAAACAA-
M58: -GGAAGCAG-----
M59: --AAGGCAGG-----
M60: -----CCACACCC--
M61: -GAGGCCAG-----
M62: --GAGGAAGA-----
M63: ----GGAAGCCA---
M64: --TCCCAGG-----
M65: -TCTCCCAG-----

Stamp Results

10/01/13

```
M66: --AAAACAGA-----
M67: -----CAGAAGCC-
M68: -----CAGGAGAG-
M69: -----CAGGCCTG-
M70: -----AGGGGGAG
M71: -----CAAAGCCA-
M72: --CTGGCAGC-----
M73: CCCACCCA-----
M74: --TTTCCAGG-----
M75: --GCTGCAGA-----
M76: ---TCCCAGGC-----
M77: -----CAGAGAGC-
M78: -TGGCTCAG-----
M79: -----ACAGAGCA--
M80: -----CAGCTGAG-
M81: ---CCTCAGCT-----
M82: ---AGCAGCCT---
M83: --CTCACAGA-----
M84: --AATTAAAA-----
M85: ---AAGCAGCT-----
M86: --AGCAAAGA-----
M87: ---TGGCAGCT-----
M88: ---CCCAGCTT---
M89: ---GCCAGAGC---
M90: ---TGCAGCCA---
```

Familial Profile:
(click for matrix)



Motif Tree

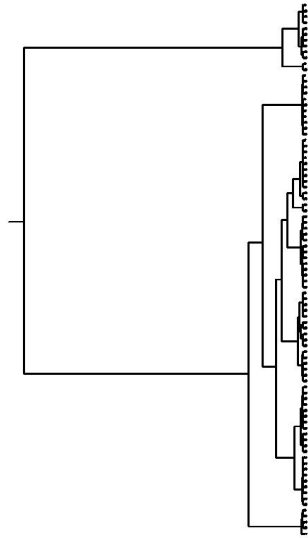
Tree (drawn by [Phylip](#))

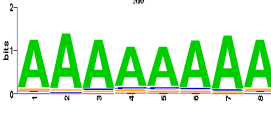

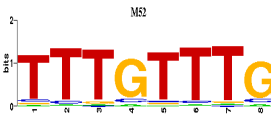
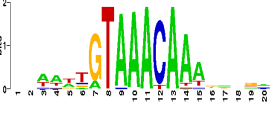
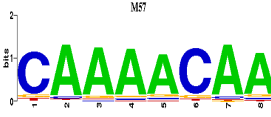

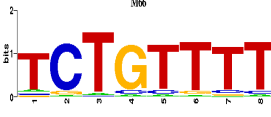

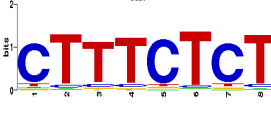
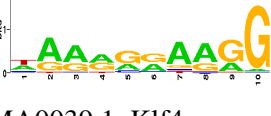
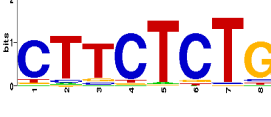
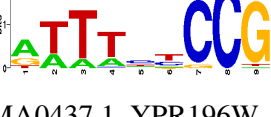
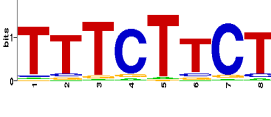

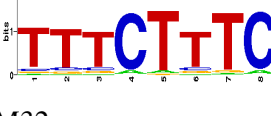

[Click here for Newick-format tree \(viewable with MEGA\)](#)

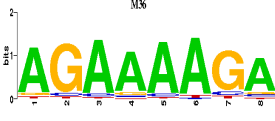

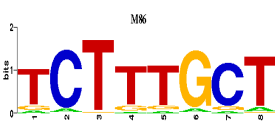

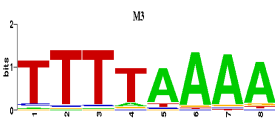

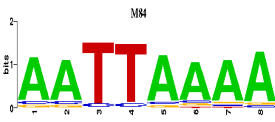

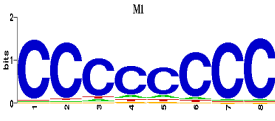
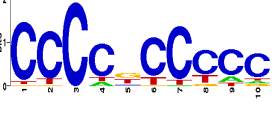
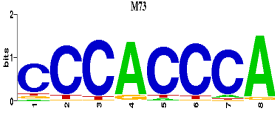

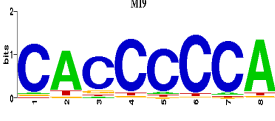
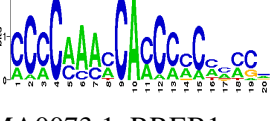
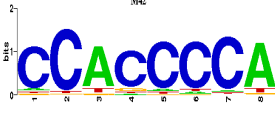
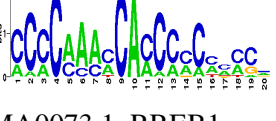
Input Motif

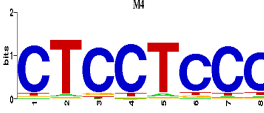
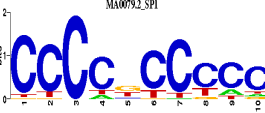

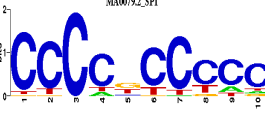
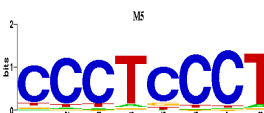
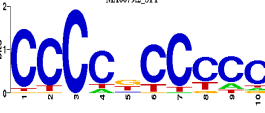
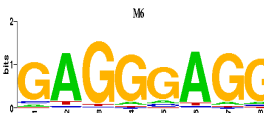
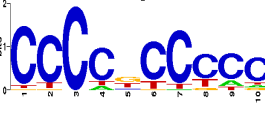
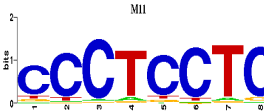
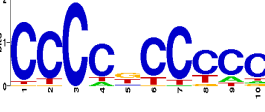
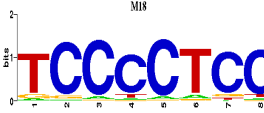
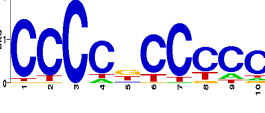
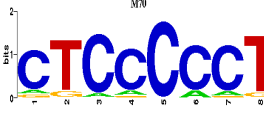
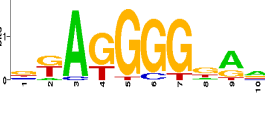
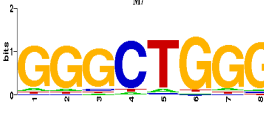
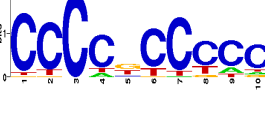
Best match in
JASPAR

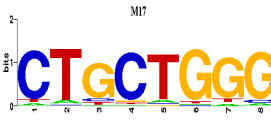

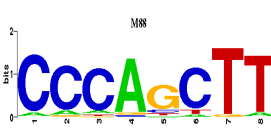

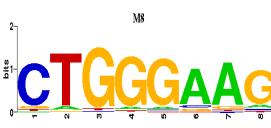
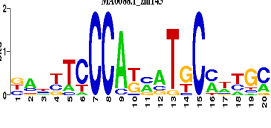
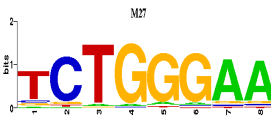
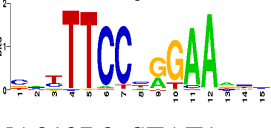
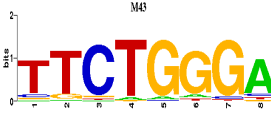

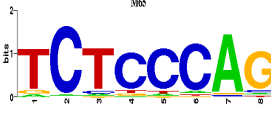

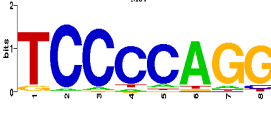
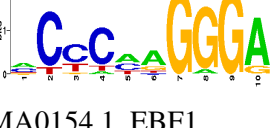
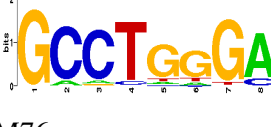

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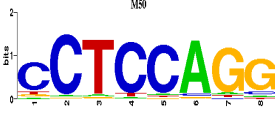
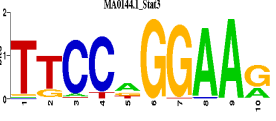
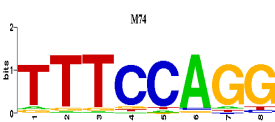

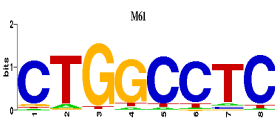

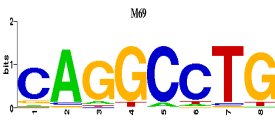
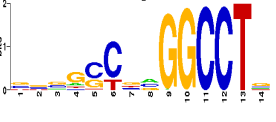
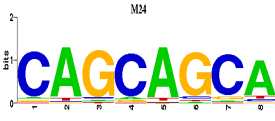

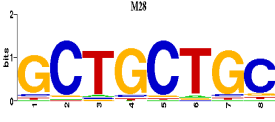

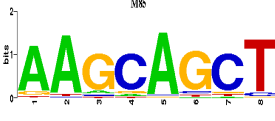

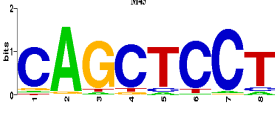



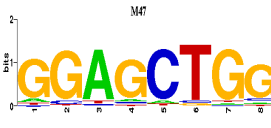

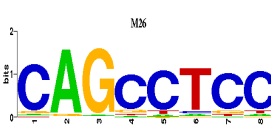

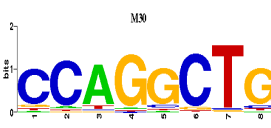
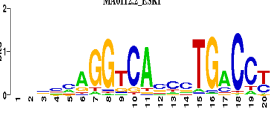
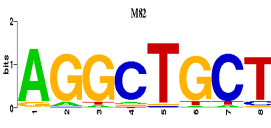

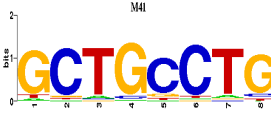





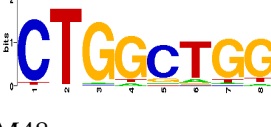

<p>M0</p> 	<p>MA0277.1_AZF1 (E val: 6.5353e-08)</p> 
<p>M52</p> 	<p>MA0296.1_FKH1 (E val: 1.0435e-06)</p> 
<p>M57</p> 	<p>MA00445.1_D (E val: 1.8373e-06)</p> 
<p>M66</p> 	<p>MA0277.1_AZF1 (E val: 4.4867e-05)</p> 
<p>M10</p> 	<p>MA0039.1_Klf4 (E val: 4.3293e-06)</p> 
<p>M21</p> 	<p>MA0437.1_YPR196W (E val: 3.5778e-04)</p> 
<p>M29</p> 	<p>MA0277.1_AZF1 (E val: 9.9075e-08)</p> 
<p>M32</p> 	<p>MA0277.1_AZF1 (E val: 4.9065e-09)</p> 

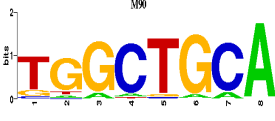
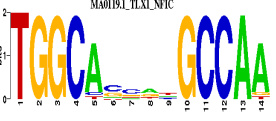
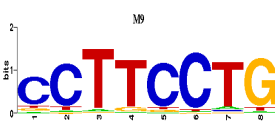

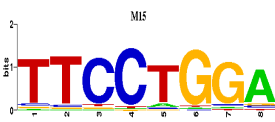
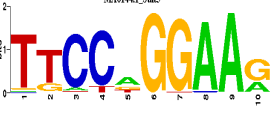
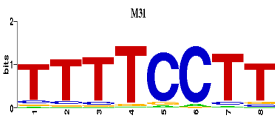
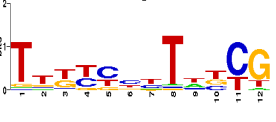
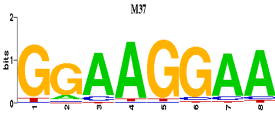
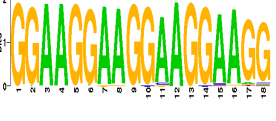
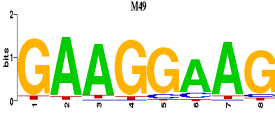

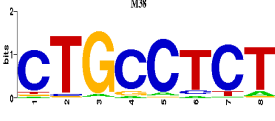
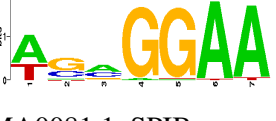
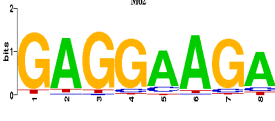

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 <p>M86</p>	 <p>MA0326.1_MAC1 (E val: 1.2808e-06)</p>
 <p>M3</p>	 <p>MA0151.1_ARID3A (E val: 7.1325e-05)</p>
 <p>M84</p>	 <p>MA0151.1_ARID3A (E val: 1.6385e-08)</p>
 <p>M1</p>	 <p>MA0079.2_SP1 (E val: 4.8753e-07)</p>
 <p>M73</p>	 <p>MA0039.2_Klf4 (E val: 2.1659e-06)</p>
 <p>M19</p>	 <p>MA0073.1_RREB1 (E val: 2.4450e-06)</p>
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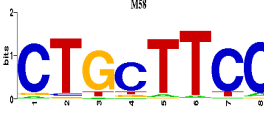

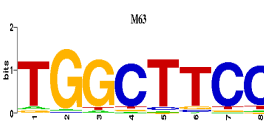

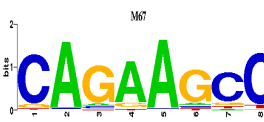

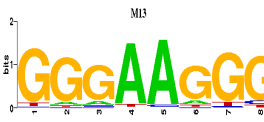
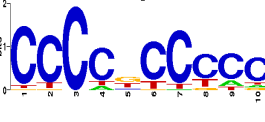
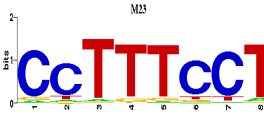
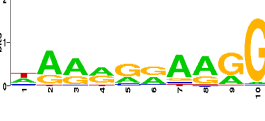
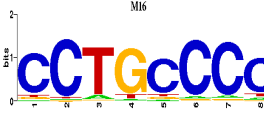
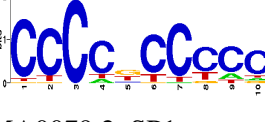
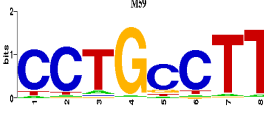

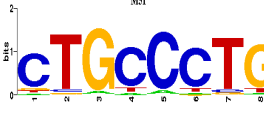

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<p>M35</p>  <p>M35</p>	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 1.5301e-06)</p>
<p>M5</p>  <p>M5</p>	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 9.6956e-07)</p>
<p>M6</p>  <p>M6</p>	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 9.2264e-06)</p>
<p>M11</p>  <p>M11</p>	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 1.9699e-06)</p>
<p>M18</p>  <p>M18</p>	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 9.0521e-07)</p>
<p>M70</p>  <p>M70</p>	<p>MA0057.1_MZF1_5-13</p>  <p>MA0057.1_MZF1_5-13 (E val: 8.1136e-08)</p>
<p>M7</p>  <p>M7</p>	<p>MA0079.2_SP1</p>  <p>MA0079.2_SP1 (E val: 1.7607e-06)</p>

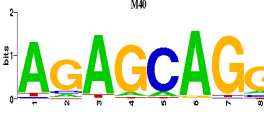

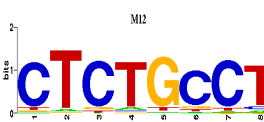

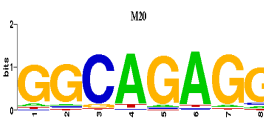
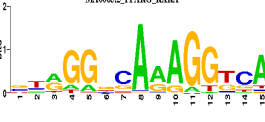
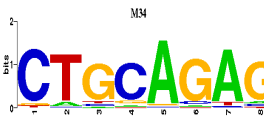

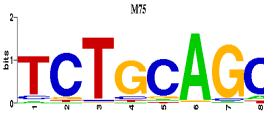

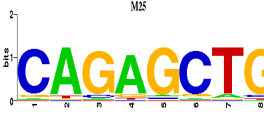

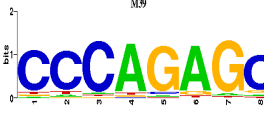

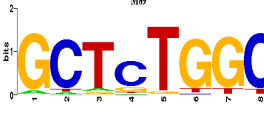
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 <p>M88</p>	 <p>MA0323.1_IXR1 (E val: 9.1577e-05)</p>
 <p>M8</p>	 <p>MA0088.1_znf143 (E val: 3.6453e-05)</p>
 <p>M27</p>	 <p>MA0137.2_STAT1 (E val: 1.5299e-06)</p>
 <p>M43</p>	 <p>MA0137.2_STAT1 (E val: 1.5125e-06)</p>
 <p>M65</p>	 <p>MA0432.1_YNR063W (E val: 1.7448e-05)</p>
 <p>M64</p>	 <p>MA0154.1_EBF1 (E val: 2.3411e-06)</p>
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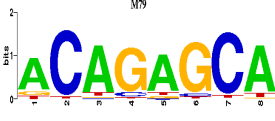

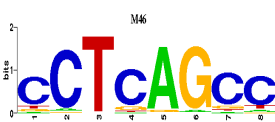


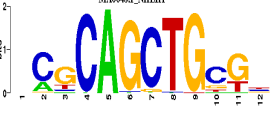
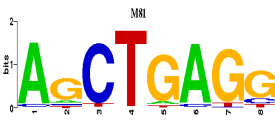

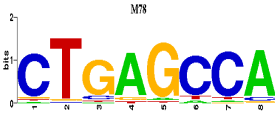
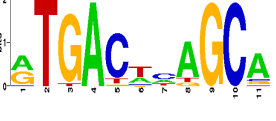
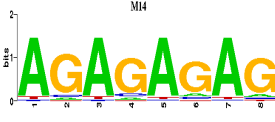
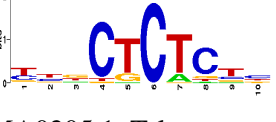
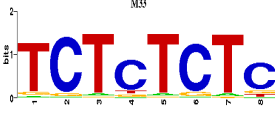
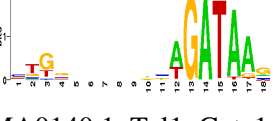
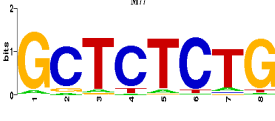
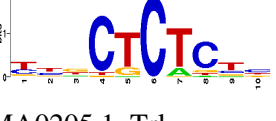
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 <p>M74</p>	 <p>MA0144.1_Stat3 (E val: 2.6515e-08)</p>
 <p>M61</p>	 <p>MA0381.1_SKN7 (E val: 1.9822e-04)</p>
 <p>M69</p>	 <p>MA0146.1_Zfx (E val: 4.2983e-04)</p>
 <p>M24</p>	 <p>MA0454.1_odd (E val: 5.9006e-07)</p>
 <p>M28</p>	 <p>MA0055.1_Myf (E val: 2.4882e-07)</p>
 <p>M85</p>	 <p>MA0055.1_Myf (E val: 1.3363e-06)</p>
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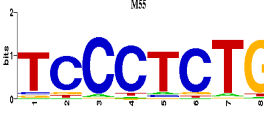
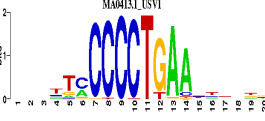
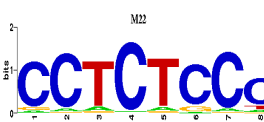
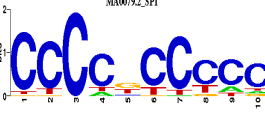
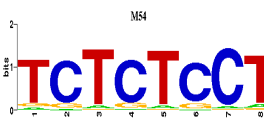

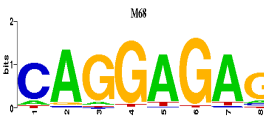

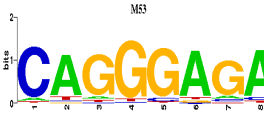
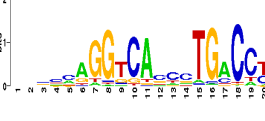
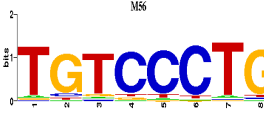
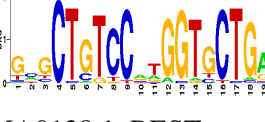
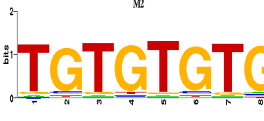

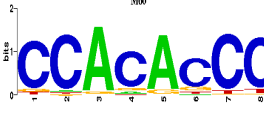

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 <p>M26</p>	 <p>MA0412.1_UME6 (E val: 4.7748e-04)</p>
 <p>M30</p>	 <p>MA0112.2_ESR1 (E val: 6.0488e-04)</p>
 <p>M82</p>	 <p>MA0412.1_UME6 (E val: 4.0632e-04)</p>
 <p>M41</p>	 <p>MA0340.1_MOT3 (E val: 4.4863e-05)</p>
 <p>M72</p>	 <p>MA0304.1_GCR1 (E val: 2.2579e-05)</p>
 <p>M87</p>	 <p>MA0304.1_GCR1 (E val: 2.2899e-05)</p>
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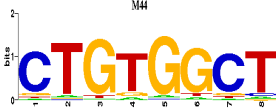



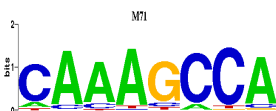

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 <p>M9</p>	 <p>MA0156.1_FEV (E val: 3.0780e-08)</p>
 <p>M15</p>	 <p>MA0144.1_Stat3 (E val: 2.5239e-12)</p>
 <p>M31</p>	 <p>MA0120.1_id1 (E val: 8.3595e-08)</p>
 <p>M37</p>	 <p>MA0149.1_EWSR1-FLI1 (E val: 1.0913e-10)</p>
 <p>M49</p>	 <p>MA0149.1_EWSR1-FLI1 (E val: 1.1824e-10)</p>
 <p>M38</p>	 <p>MA0081.1_SPIB (E val: 6.9772e-05)</p>
 <p>M62</p>	 <p>MA0080.2_SPI1 (E val: 2.5627e-07)</p>

 <p>M58</p>	 <p>MA0305.1_GCR2 (E val: 1.9697e-07)</p>
 <p>M63</p>	 <p>MA0304.1_GCR1 (E val: 6.8450e-10)</p>
 <p>M67</p>	 <p>MA0260.1_che-1 (E val: 5.5202e-07)</p>
 <p>M13</p>	 <p>MA0079.2_SP1 (E val: 2.7293e-06)</p>
 <p>M23</p>	 <p>MA0039.1_Klf4 (E val: 1.8976e-07)</p>
 <p>M16</p>	 <p>MA0079.2_SP1 (E val: 1.6679e-06)</p>
 <p>M59</p>	 <p>MA0149.1_EWSR1-FLI1 (E val: 4.2849e-06)</p>
 <p>M51</p>	 <p>MA0364.1_REI1 (E val: 1.7974e-04)</p>

 <p>M40</p>	 <p>MA0451.1_kni (E val: 1.3540e-04)</p>
 <p>M12</p>	 <p>MA0283.1_CHA4 (E val: 3.7019e-05)</p>
 <p>M20</p>	 <p>MA0065.2_PPARG_RXRA (E val: 1.0402e-07)</p>
 <p>M34</p>	 <p>MA0150.1_NFE2L2 (E val: 4.9799e-04)</p>
 <p>M75</p>	 <p>MA0055.1_Myf (E val: 3.4875e-04)</p>
 <p>M25</p>	 <p>MA0048.1_NHLH1 (E val: 1.9660e-03)</p>
 <p>M39</p>	 <p>MA0332.1_MET28 (E val: 1.4753e-04)</p>
 <p>M89</p>	<p>MA0278.1_BAS1 (E val: 4.1475e-05)</p>

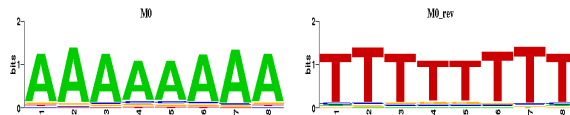
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 <p>M46</p>	 <p>MA0283.1_CHA4 (E val: 3.6474e-05)</p>
 <p>M80</p>	 <p>MA0048.1_NHLH1 (E val: 3.4310e-07)</p>
 <p>M81</p>	 <p>MA0335.1_MET4 (E val: 2.0505e-05)</p>
 <p>M78</p>	 <p>MA0150.1_NFE2L2 (E val: 1.3241e-06)</p>
 <p>M14</p>	 <p>MA0205.1_Tr1 (E val: 3.4208e-03)</p>
 <p>M33</p>	 <p>MA0140.1_Tal1_Gata1 (E val: 2.7606e-03)</p>
 <p>M77</p>	 <p>MA0205.1_Tr1 (E val: 3.5525e-03)</p>

 <p>M55</p>	 <p>MA0413.1_USV1 (E val: 2.4268e-05)</p>
 <p>M22</p>	 <p>MA0079.2_SP1 (E val: 1.4084e-05)</p>
 <p>M54</p>	 <p>MA0354.1_PDR8 (E val: 6.7871e-04)</p>
 <p>M68</p>	 <p>MA0086.1_sna (E val: 1.1384e-04)</p>
 <p>M53</p>	 <p>MA0112.2_ESR1 (E val: 8.0796e-06)</p>
 <p>M56</p>	 <p>MA0138.1_REST (E val: 1.7687e-05)</p>
 <p>M2</p>	 <p>MA0009.1_T (E val: 1.0540e-03)</p>
 <p>M60</p>	 <p>MA0039.2_Klf4 (E val: 1.2469e-09)</p>

 <p>M44</p>	 <p>MA0332.1_MET28 (E val: 4.0127e-09)</p>
 <p>M83</p>	 <p>MA0332.1_MET28 (E val: 1.8837e-05)</p>
 <p>M71</p>	 <p>MA0053.1_MNB1A (E val: 2.9998e-06)</p>


Motif Similarity Matches

M0

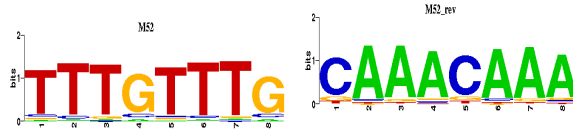


forward

reverse compliment

Name	E value	Alignment	Motif
MA0277.1_AZF1	6.5353e-08	-TTTTTTTT TTTCTTTTT	
MA0049.1_hb	2.9881e-06	-AAAAAAAA- SMRNAAAAAN	
MA0041.1_Foxd3	7.6055e-05	AAAAAAAA---- AAANAAACAWTN	
MA0120.1_id1	4.6313e-04	----AAAAAAAA CGNNANNRRMNA	
MA0010.1_br_Z1	1.1960e-03	-TTTTTTTT----- NWYTTGTYTATNAN	

M52

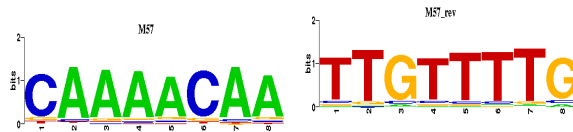


forward

reverse compliment

Name	E value	Alignment	Motif
MA0296.1_FKH1	1.0435e-06	-----TTTGTTTG----- NNNNNTTTGTTTACANNWNN	
MA0013.1_br_Z4	1.2441e-06	TTTGTTTG--- WTWNTTTACTA	
MA0041.1_Foxd3	1.5176e-06	-----TTTGTTTG NAWTGTTTNTTT-	
MA0042.1_FOXI1	1.9583e-06	CAAACAAA----- -AWAYAAAYANNN	
MA0010.1_br_Z1	1.9801e-05	--TTTGTTTG---- NWYTTGTYTATNAN	

M57



forward

reverse compliment

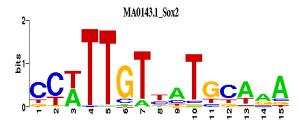
Name	E value	Alignment	Motif
MA00445.1_D	1.8373e-06	CAAAACAA----- -ANAACAATRGN	

Stamp Results

10/01/13

MA0143.1_Sox2 4.7675e-06

----CAAACAA---
TNTGCATNACAAWGG



MA0142.1_Pou5f1 1.0304e-05

----CAAACAA--
ATTTGCATNACAAWG



MA0084.1_SRY 2.2785e-05

-TTGTTTTG
ATTGTTWNN

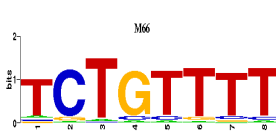


MA0371.1_ROX1 3.3775e-05

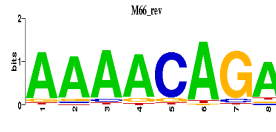
CAAACAA----
GAGAACAATNGR



M66



forward



reverse compliment

Name E value

Alignment

Motif

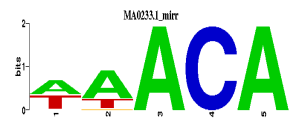
MA0277.1_AZF1 4.4867e-05

--TCTGTTTT
TTTCTTTTT-



MA0233.1_mirr 6.8508e-05

TCTGTTTT
--TGTTW-



MA0297.1_FKH2 1.7570e-04

TCTGTTTT-
--TGTTTAC



MA0210.1_ara 1.9773e-04

TCTGTTTT
--TGTTW-

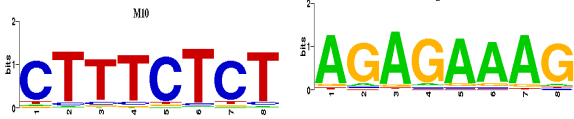


MA0157.1_FOXO3 6.4825e-04

TCTGTTTT--
--TGTTTACA



M10

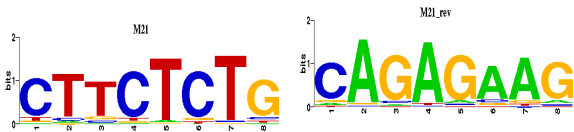


forward

reverse compliment

Name	E value	Alignment	Motif
MA0039.1_Klf4	4.3293e-06	-CTTTCTCT- CCTTYYYTTN	
MA0081.1_SPIB	3.8275e-05	CTTTCTCT -TTCKST	
MA0277.1_AZF1	7.0315e-05	CTTTCTCT-- -TTTCTTTT	
MA0437.1_YPR196W	1.0421e-04	-AGAGAAAG CGGRNAAAT	
MA0051.1_IRF2	3.4060e-04	-----CTTTCTCT----- NNWWNRSTTTTCRCTTCS	

M21



forward

reverse compliment

Name	E value	Alignment	Motif
MA0437.1_YPR196W	3.5778e-04	-CTTCTCTG ATTTNYCCG	
MA0035.2_Gata1	3.7864e-04	--CTTCTCTG-- NNNTTATCTNN	

MA0287.1_CUP2 4.1762e-04

CTTCTCTG---
CWITTTYTGCTG



MA0432.1_YNR063W 1.4018e-03

CTTCTCTG-
-ATCTCCGA

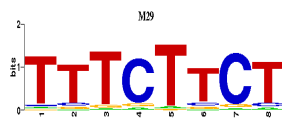


MA0289.1_DAL80 1.4922e-03

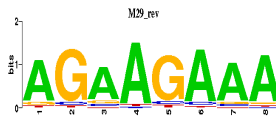
CTTCTCTG
CTTATCG-



M29



forward



reverse complement

Name E value Alignment Motif

MA0277.1_AZF1 9.9075e-08

TTTCTTCT-
TTTCTTTTT



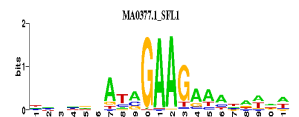
MA0287.1_CUP2 3.9997e-06

--TTTCTTCT-
CWITTTYTGCTG



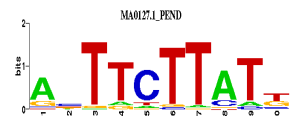
MA0377.1_SFL1 6.2038e-06

-----TTTCTTCT-----
WNWNNNTCTTCNNTNNNNNN



MA0127.1_PEND 3.6357e-05

-AGAAGAAA-
MATAAGAANT

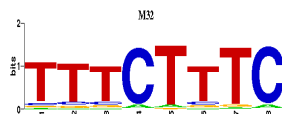


MA0081.1_SPIB 3.6736e-05

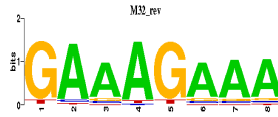
TTTCTTCT
-TTCKST



M32



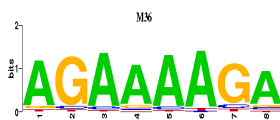
forward



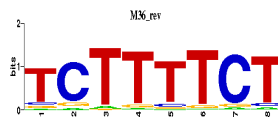
reverse compliment

Name	E value	Alignment	Motif
MA0277.1_AZF1	4.9065e-09	TTTCTTTC- TTTCTTTTT	
MA0039.1_Klf4	3.1310e-05	--TTTCTTTC CCTTYYTNN	
MA0370.1_RME1	5.1600e-05	TTTCTTTC-- TNCCTTNNNA	
MA0216.1_cad	1.4552e-03	GAAAGAAA -YAATAAA	
MA0149.1_EWSR1-FLI1	1.5228e-03	-GAAAGAAA----- GGAAGGAAGGAAGGAAGG	

M36



forward



reverse compliment

Name	E value	Alignment	Motif
MA0029.1_Evi1	6.2551e-06	-----TCTTTTCT- NNTTATCTTRCTN	
MA0277.1_AZF1	9.2196e-06	--TCTTTTCT TTTCTTTTT-	

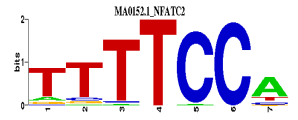
MA0287.1_CUP2 9.9395e-05

----AGAAAAGA
CAGCARAAAWG-



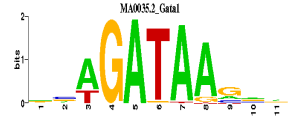
MA0152.1_NFATC2 1.7430e-04

-AGAAAAGA
TGGAAAA--

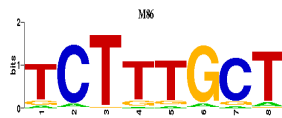


MA0035.2_Gata1 4.8646e-04

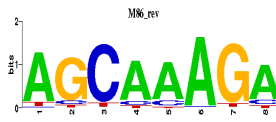
-TCTTTTCT--
NNNTTATCTNN



M86



forward



reverse compliment

Name E value

Alignment

Motif

MA0326.1_MAC1 1.2808e-06

--AGCAAAGA
YGAGCAA--



MA0148.1_FOXA1 4.4978e-05

---AGCAAAGA
NWRWGYAAACA



MA0446.1_fkh 5.3044e-05

---AGCAAAGA
NTRNNYAAACA



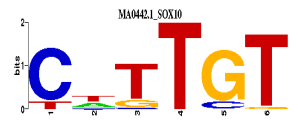
MA0287.1_CUP2 7.3287e-05

--TCTTTGCT-
CWTTTYTGCTG

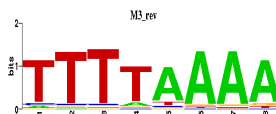
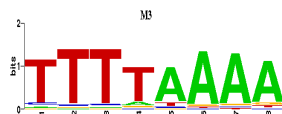


MA0442.1_SOX10 1.6016e-04

TCTTTGCT
-CWTTGT-

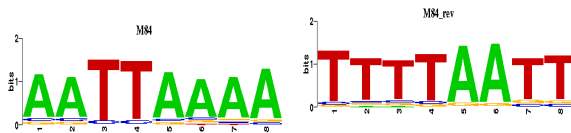


M3



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0151.1_ARID3A	7.1325e-05	TTTTAAAA -TTTAAAT-	
MA0218.1_ct	1.3138e-03	TTTTAAAA GTTYAA--	
MA0173.1_CG11617	1.5677e-03	TTTTAAAA- --TTWACAT	
MA0108.1_TBP	1.6209e-03	-----TTTTAAAA NNNNNNYWTTTATAN	
MA0108.2_TBP	1.6248e-03	-----TTTTAAAA NNNNNNYWTTTATAN	

M84



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0151.1_ARID3A	1.6385e-08	AATTAAAA -ATTAAA-	
MA0226.1_hbn	1.6064e-07	TTTTAATT- --TTAATTR	
MA0194.1_Lim1	1.6884e-07	TTTTAATT- --TTAATTA	

MA0208.1_al

1.8073e-07

TTTTAATT-
--TAAATTA



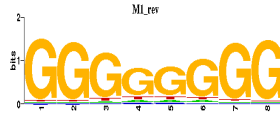
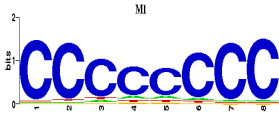
MA0240.1_repo

1.8432e-07

TTTTAATT-
--TAAATTA



M1



forward

reverse compliment

Name

E value

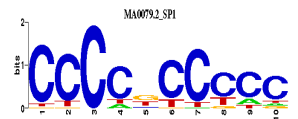
Alignment

Motif

MA0079.2_SP1

4.8753e-07

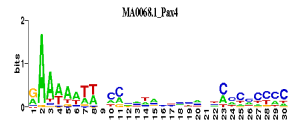
CCCCCCCC--
CCCNCCCCC



MA0068.1_Pax4

6.6697e-07

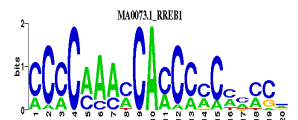
GGGGGGG-----
GKRNNNNKNNNNNNNNNNNNKNNWWWTWTTY



MA0073.1_RREB1

1.9764e-06

-GGGGGGG-----
NGKKKGKGGGTGKTTGGGG



MA0443.1_btd

2.3474e-06

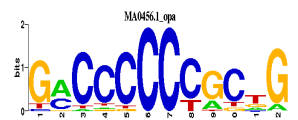
-CCCCCCC-
YCCGCCMCN



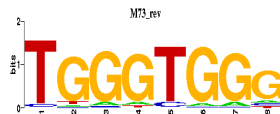
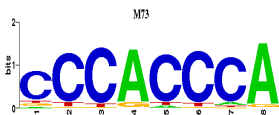
MA0456.1_opa

3.1504e-06

--GGGGGGG--
CNGCGGGGGGKC


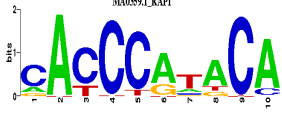
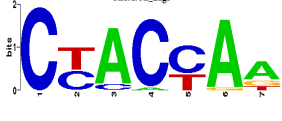




M73

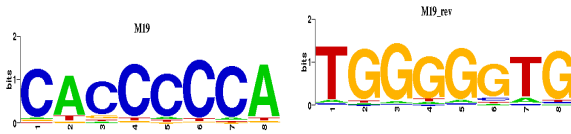


forward

reverse compliment

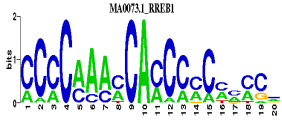



<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0039.2_Klf4	2.1659e-06	--CCCACCCA GCCMCRCCCN	
MA0359.1_RAP1	3.0069e-05	----TGGGTGGG TGTATGGGTG--	
MA0193.1_Lag1	1.4863e-04	CCCACCCA --CYACCAA	
MA0436.1_YPR022C	1.7724e-04	TGGGTGGG-- --NGTGGGG	
MA0373.1_RPN4	2.4288e-04	TGGGTGGG-- --GGTGGCG	

M19



forward

reverse compliment

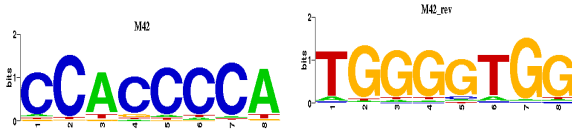
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0073.1_RREB1	2.4450e-06	----TGGGGGTG----- NGKKKGKGGGTGKTTTGGGG	
MA0450.1_hkb	1.7907e-05	TGGGGGTG-- KGGCGTGA	
MA0155.1_INSM1	2.0686e-04	----TGGGGGTG TGYCAGGGGGCR	
MA0268.1_ADR1	2.1184e-04	-TGGGGGTG KTGGGGN--	

MA0436.1_YPR022C 2.2050e-04

--TGGGGTGG
NGTGGGG---



M42

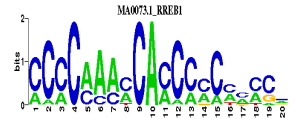


forward

reverse compliment

Name E value Alignment Motif

MA0073.1_RREB1 5.8322e-05 -----CCACCCCA-----
CCCCAAAMCACCCMCMMMCN



MA0268.1_ADR1 2.0938e-04

-TGGGGTGG
KTGGGN--



MA0436.1_YPR022C 2.3568e-04

--TGGGGTGG
NGTGGGG---



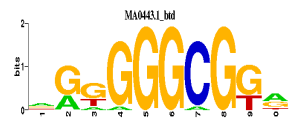
MA0373.1_RPN4 2.5293e-04

--CCACCCCA
CGCCACC---

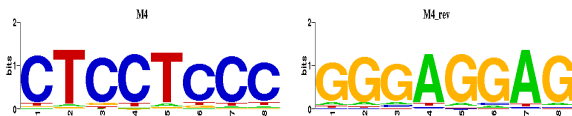


MA0443.1_btd 3.4851e-04

-CCACCCCA-
YCCGCCMCN



M4



forward

reverse compliment

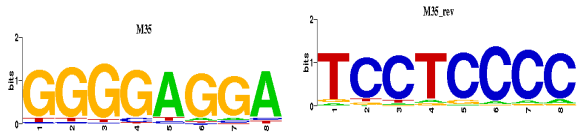
Name E value Alignment Motif

Stamp Results

10/01/13

MA0079.2_SP1	5.6143e-06	CTCCTCCC-- CCCCNCCCCC	
MA0283.1_CHA4	3.1747e-05	GGGAGGAG- -GGCGGAGN	
MA0062.1_GABPA	2.8722e-04	CTCCTCCC-- SNCTTCCGGT	
MA0443.1_btd	4.8344e-04	CTCCTCCC--- -YCCGCCMCN	
MA0081.1_SPIB	8.4820e-04	CTCCTCCC TTCKST-	

M35



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	1.5301e-06	-GGGGAGGA- GGGGNGGGG	
MA0443.1_btd	2.0987e-06	--GGGGAGGA NGKGGCGGR	
MA0056.1_MZF1_1-4	2.2210e-05	TCCTCCCC- ---TCCCCN	
MA0344.1_NHP10	7.4172e-04	TCCTCCCC--- ---TCCCCGN	

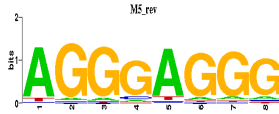
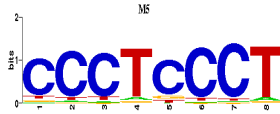
MA0081.1_SPIB

7.7691e-04

-TCCTCCCC
TTCKKST--



M5



forward

reverse compliment

Name

E value

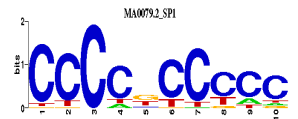
Alignment

Motif

MA0079.2_SP1

9.6956e-07

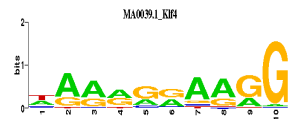
-CCCTCCCT-
CCCCNCCCC



MA0039.1_Klf4

1.7202e-05

CCCTCCCT--
CCTTYYYTNN



MA0080.2_SPI1

1.1418e-03

CCCTCCCT
-ACTTCCT



MA0149.1_EWSR1-FLI1

1.1632e-03

-----CCCTCCCT--
CCTTCCTTCCTTCCTTC



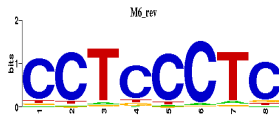
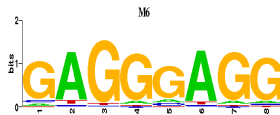
MA0039.2_Klf4

1.2918e-03

--CCCTCCCT
GCCMCRCNN



M6



forward

reverse compliment

Name

E value

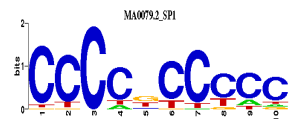
Alignment

Motif

MA0079.2_SP1

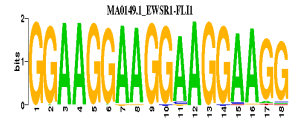
9.2264e-06

GAGGGAGG--
GGGGNGGGG



MA0149.1_EWSR1-FLI1 1.0889e-03

-----CCTCCCTC--
CCTTCCTTCCTTCCTTC



MA0080.2_SPI1 1.0892e-03

CCTCCCTC
ACTTCCT-



MA0443.1_btd 1.4888e-03

-GAGGGAGG-
NGKGGGCGGR

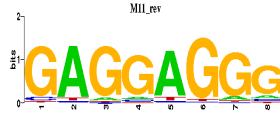
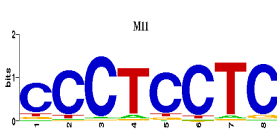


MA0366.1_RGM1 1.8252e-03

CCTCCCTC
--CCCCT-



M11



forward

reverse compliment

Name

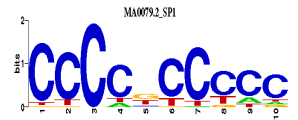
E value

Alignment

Motif

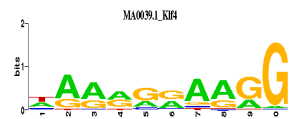
MA0079.2_SPI1 1.9699e-06

-GAGGAGGG-
GGGGGNGGGG



MA0039.1_Klf4 6.1406e-04

CCCTCCTC--
CCTTYYT TN



MA0081.1_SPIB 7.9804e-04

CCCTCCTC-
--TTCKST



MA0080.2_SPI1 1.2487e-03

CCCTCCTC
ACTTCCT-

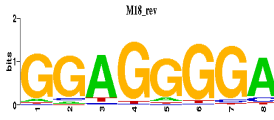
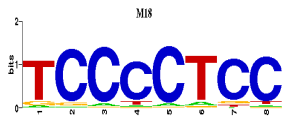


MA0149.1_EWSR1-FLI1 1.3816e-03

-----CCCTCCTC--
CCTTCCTTCCTTCCTTC



M18

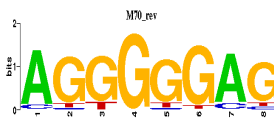
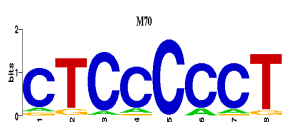


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	9.0521e-07	TCCCCTCC--- -CCCCNCCCC	
MA0366.1_RGM1	1.9098e-06	TCCCCTCC -CCCCT--	
MA0342.1_MSN4	2.2961e-06	GGAGGGGA --AGGGG-	
MA0341.1_MSN2	7.4175e-06	TCCCCTCC -CCCCT--	
MA0056.1_MZF1_1-4	2.0887e-05	TCCCCTCC TCCCN--	

M70



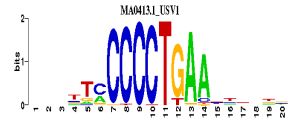
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0057.1_MZF1_5-13	8.1136e-08	CTCCCCCT-- NTNCCCCTMN	
MA0079.2_SP1	6.6054e-07	---CTCCCCCT CCCCNCCCC-	

MA0413.1_USV1 2.2205e-06

-----AGGGGGAG----
NNNNNNTTCAGGGGKANNNN



MA0342.1_MSN4 2.5025e-06

CTCCCCCT
---CCCCT

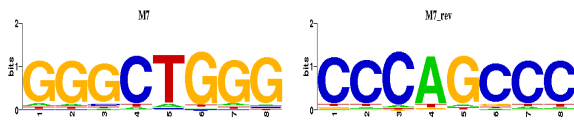


MA0366.1_RGM1 2.5188e-06

CTCCCCCT
---CCCCT



M7



forward

reverse compliment

Name

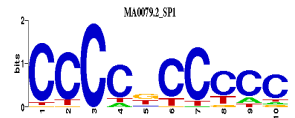
E value

Alignment

Motif

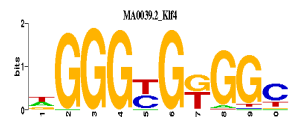
MA0079.2_SP1 1.7607e-06

--GGGCTGGG
GGGGGNGGGG



MA0039.2_Klf4 4.7157e-05

-CCCAGCCC-
GCCMCRCNN



MA0079.1_SP1 6.1738e-05

-CCCAGCCC-
ACCCNGCCNN



MA0267.1_ACE2 1.8772e-04

GGGCTGGG
-NGCTGGN

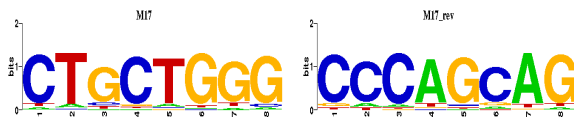


MA0402.1_SWI5 5.2322e-04

-CCCAGCCC
NACCAGCA-

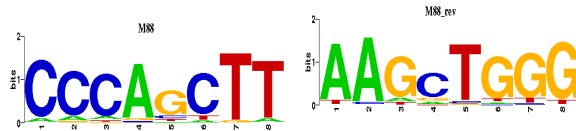


M17



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0402.1_SWI5	1.8127e-06	CTGCTGGG- -TGCTGGTN	
MA0267.1_ACE2	1.8875e-04	CTGCTGGG -NGCTGGN	
MA0139.1_CTCF	2.6165e-04	-----CTGCTGGG-- NNSYGCCMCCRSTGGNNR	
MA0150.1_NFE2L2	4.2326e-04	CTGCTGGG---- -TGCTNWGTCAY	
MA0055.1_Myf	6.4171e-04	-----CTGCTGGG MRGCARCTGCTG--	

M88



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0323.1_IXR1	9.1577e-05	-----AAGCTGGG AARCCGGAAGCGGKG	
MA0164.1_Nr2e3	1.7529e-04	AAGCTGGG AAGCTTN-	
MA0267.1_ACE2	1.8863e-04	AAGCTGGG -NGCTGGN	

Stamp Results

10/01/13

MA0048.1_NHLH1 2.5128e-04

-CCCAGCTT---
NCGCAGCTGCGN

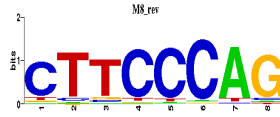
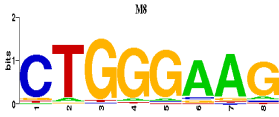


MA0402.1_SWI5 3.5601e-04

-CCCAGCTT
NACCAGCA-



M8



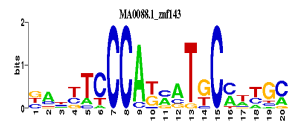
forward

reverse compliment

Name E value Alignment Motif

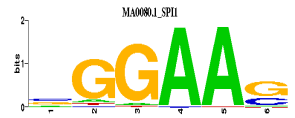
MA0088.1_znf143 3.6453e-05

--CTTCCCAG-----
NNNNTCCCAKNNTKCMNNGM



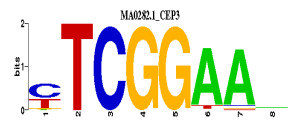
MA0080.1_SPI1 4.3641e-05

CTTCCCAG
STTCN--



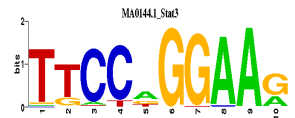
MA0282.1_CEP3 4.3896e-05

CTTCCCAG
NTTCCGAR



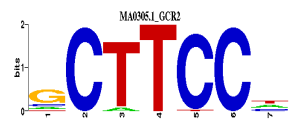
MA0144.1_Stat3 1.5092e-04

CTTCCCAG--
CTTCCNGGAA

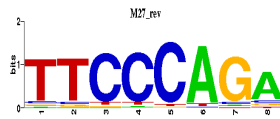
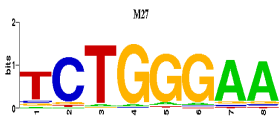


MA0305.1_GCR2 1.7375e-04

CTGGGAAG-
--NGGAAGC

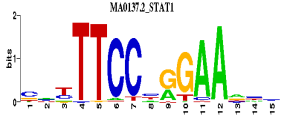
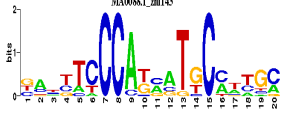
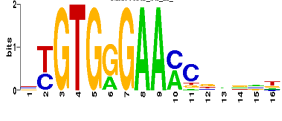

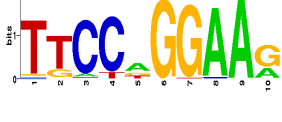


M27

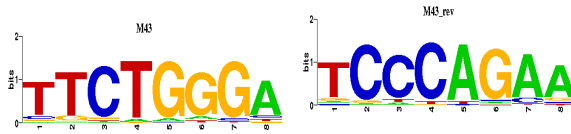


forward

reverse compliment


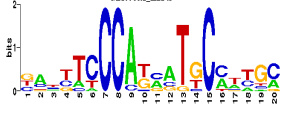
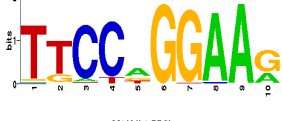

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0137.2_STAT1	1.5299e-06	----TCTGGGAA--- NNNTTCCNGGAARNN	
MA0088.1_znf143	7.3603e-06	---TTCCCAGA----- NNNNTCCCAKNNTKCMNNGM	
MA0085.1_Su_H_	1.6093e-05	-----TTCCCAGA- NNNNNGKTTCACARN	
MA0282.1_CEP3	4.2410e-05	-TTCCCAGA NTTCCGAR-	
MA0144.1_Stat3	7.3898e-05	-TCTGGGAA- TTCCNGGAAG	

M43



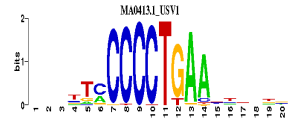
forward

reverse compliment

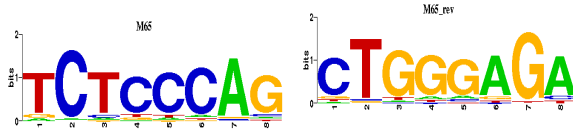
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0137.2_STAT1	1.5125e-06	----TCCCAGAA--- NNYTTCNGGAANNN	
MA0088.1_znf143	2.4131e-06	-----TCTGGGA----- KCNNKGMANNMTGGGANNNN	
MA0144.1_Stat3	6.5519e-05	TTCTGGGA-- TTCCNGGAAG	
MA0362.1_RDS2	1.3128e-03	TCCCAGAA -CCCCGAN	

MA0413.1_USV1 1.8287e-03

-----TTCTGGGA-----
NNNNNNTTTCAGGGGKANNNN



M65



forward

reverse compliment

Name *E value* *Alignment* *Motif*

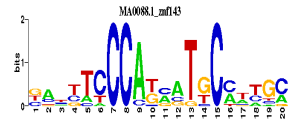
MA0432.1_YNR063W 1.7448e-05

-TCTCCCAG
ATCTCCGA-



MA0088.1_znf143 1.2608e-04

-----CTGGGAGA--
KCNNKGMANNMTGGGANNNN



MA0354.1_PDR8 6.6449e-04

-TCTCCCAG
ATCTCCGN-



MA0062.1_GABPA 1.3064e-03

-TCTCCCAG-
SNCTTCCGGT

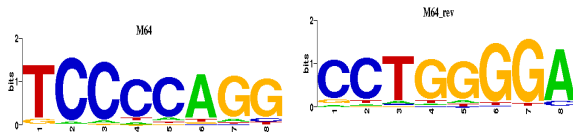


MA0344.1_NHP10 3.1214e-03

TCTCCCAG--
--TCCCCGN



M64



forward

reverse compliment

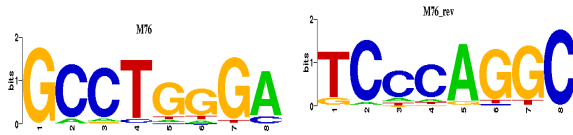
Name *E value* *Alignment* *Motif*

Stamp Results

10/01/13

MA0154.1_EBF1	2.3411e-06	--CCTGGGGA TCCCTNGGGN	
MA0344.1_NHP10	1.5241e-05	TCCCCAGG TCCCCGGN	
MA0056.1_MZF1_1-4	2.0485e-05	TCCCCAGG TCCCCN--	
MA0332.1_MET28	1.4613e-04	CCTGGGGA -CTGTGG-	
MA0436.1_YPR022C	2.1894e-04	CCTGGGGA NGTGGGG-	

M76



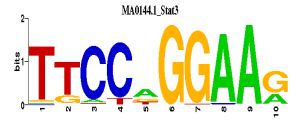
forward

reverse compliment

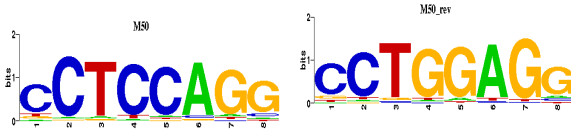
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0344.1_NHP10	1.3784e-08	TCCCAGGC TCCCCGGN	
MA0321.1_INO2	1.2092e-04	-TCCCAGGC TTCACATGC	
MA0322.1_INO4	1.7899e-04	-TCCCAGGC TTCACATGC	
MA0162.1_Egr1	3.3097e-04	-GCCTGGGA-- NGCGTGGGCGK	

MA0144.1_Stat3 3.8582e-04

--GCCTGGGA
CTTCNNGGAA



M50



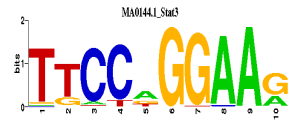
forward

reverse compliment

Name E value Alignment Motif

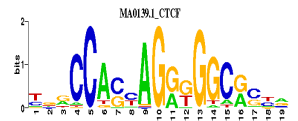
MA0144.1_Stat3 3.3679e-05

---CCTGGAGG
CTTCNNGGAA-



MA0139.1_CTCF 1.3155e-04

---CCTCCAGG-----
YNNCCASYAGGKGGCRSNN



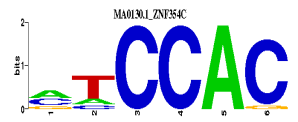
MA0154.1_EBF1 4.6794e-04

--CCTGGAGG
TCCCTNNGGN



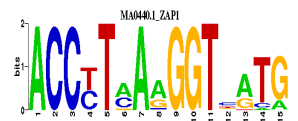
MA0130.1_ZNF354C 7.4068e-04

CCTGGAGG
-GTGGAK-

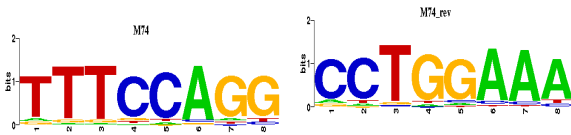


MA0440.1_ZAP1 2.4100e-03

-----CCTGGAGG--
CATNACCTTKARGGT



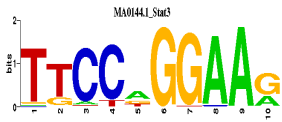
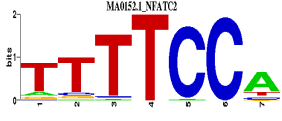



M74



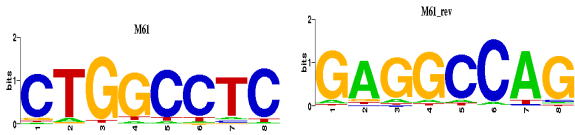
forward

reverse compliment

Name E value Alignment Motif




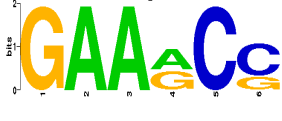
MA0144.1_Stat3	2.6515e-08	---CCTGGAAA CTTCCNGGAA-	
MA0152.1_NFATC2	1.8925e-07	CCTGGAAA- --TGAAAA	
MA0137.2_STAT1	4.1342e-05	-----CCTGGAAA-- NNYTTCNNGGAANN	
MA0421.1_YDR026C	3.8310e-04	-CCTGGAAA- NCCGGGTAAA	
MA0253.1_vnd	3.9358e-04	TTTCCAGG- TYTCAAGTR	

M61



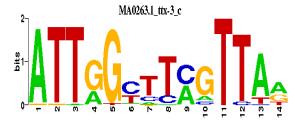
forward

reverse compliment

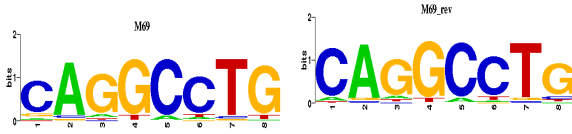
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0381.1_SKN7	1.9822e-04	CTGGCCTC NYGGCC--	
MA0018.2_CREB1	1.3037e-03	CTGGCCTC- -TGACGTCA	
MA0160.1_NR4A2	1.8842e-03	GAGGCCAG AAGGTCAC	
MA0260.1_che-1	2.3368e-03	CTGGCCTC --GGYTTC	

MA0263.1_ttx-3_c 4.3376e-03

-----GAGGCCAG--
YTAACKAARCCAAT



M69

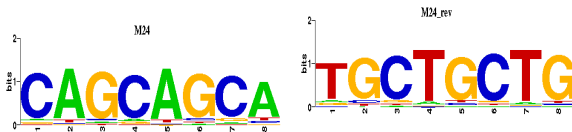


forward

reverse compliment

Name	E value	Alignment	Motif
MA0146.1_Zfx	4.2983e-04	-----CAGGCCTG NNNGCCNNGCCTN	
MA0086.1_sna	6.6679e-03	CAGGCCTG CAGGTG--	
MA0450.1_hkb	7.3919e-03	-CAGGCCTG TCACGCCCM	
MA0381.1_SKN7	7.4584e-03	CAGGCCTG NYGGCC--	
MA0340.1_MOT3	9.0830e-03	CAGGCCTG --TRCCTN	

M24



forward

reverse compliment

Name	E value	Alignment	Motif
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Stamp Results

10/01/13

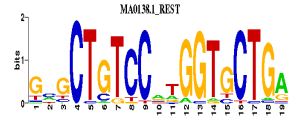
MA0454.1_odd 5.9006e-07

-TGCTGCTG--
NTGCTACTGTN



MA0138.1_REST 5.1619e-06

-CAGCAGCA-----
TCAGCACCWNGGACAGCNC



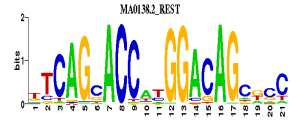
MA0055.1_Myf 7.3591e-06

----TGCTGCTG
CAGCAGYTGCYK



MA0138.2_REST 8.7253e-06

--CAGCAGCA-----
NTCAGCACCNNGGACAGCNC

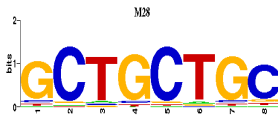


MA0402.1_SWI5 2.4336e-05

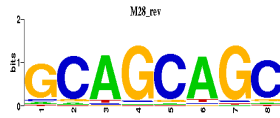
CAGCAGCA
NACCAGCA



M28



forward



reverse compliment

Name

E value

Alignment

Motif

MA0055.1_Myf

2.4882e-07

--GCTGCTGC--
CAGCAGYTGCYK



MA0048.1_NHLH1

5.0934e-07

--GCTGCTGC--
NCGCAGCTGCGN



MA0454.1_odd

2.5754e-04

--GCTGCTGC--
NTGCTACTGTN



MA0402.1_SWI5

7.7834e-04

GCTGCTGC--
--TGCTGGTN

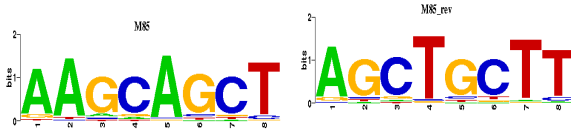


MA0287.1_CUP2 9.8796e-04

----GCTGCTGC
CWTTTYTGCTG-



M85

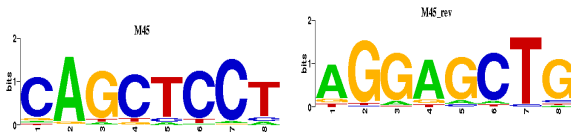


forward

reverse compliment

Name	E value	Alignment	Motif
MA0055.1_Myf	1.3363e-06	AAGCAGCT---- MRGCARCTGCTG	
MA0048.1_NHLH1	3.3076e-05	----AGCTGCTT NCGCAGCTGCGN	
MA0417.1_YAP5	2.4707e-04	AGCTGCTT --ATGCTT	
MA0290.1_DAL81	1.4862e-03	--AAGCAGCT----- AAAAGCCGCGGGCGGGATT	
MA0053.1_MNB1A	2.7892e-03	AGCTGCTT- ----NCTTT	

M45






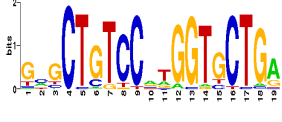

forward

reverse compliment

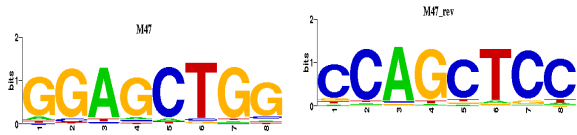
Name	E value	Alignment	Motif
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Stamp Results

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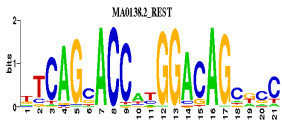
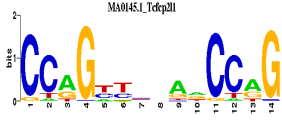


MA0055.1_Myf	9.0719e-05	---CAGCTCCT- CAGCAGYTGCYK	
MA0138.2_REST	2.3411e-04	AGGAGCTG----- -GNNGCTGTCCNNGGTGCTGAN	
MA0048.1_NHLH1	4.4701e-04	---CAGCTCCT- NCGCAGCTGCGN	
MA0138.1_REST	1.4833e-03	-CAGCTCCT----- TCAGCACCWNGGACAGCNC	
MA0354.1_PDR8	2.7828e-03	CAGCTCCT- -ATCTCCGN	

M47



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0138.2_REST	9.5710e-05	GGAGCTGG----- GNNGCTGTCCNNGGTGCTGAN	
MA0145.1_Tcfcp2l1	1.4618e-04	-----GGAGCTGG CYGGNTNNRNCYGG	
MA0267.1_ACE2	1.7338e-04	-CCAGCTCC NCCAGCN--	
MA0048.1_NHLH1	2.4148e-04	--CCAGCTCC-- NCGCAGCTGCGN	

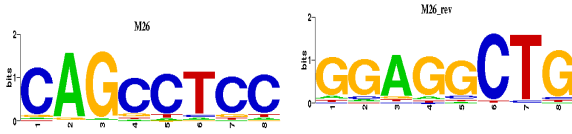
MA0055.1_Myf

6.1393e-04

--CCAGCTCC--
CAGCAGYTGCTK



M26

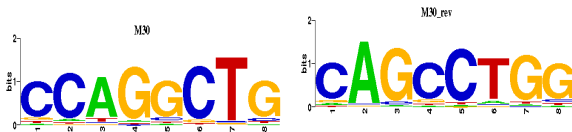


forward

reverse compliment

Name	E value	Alignment	Motif
MA0412.1_UME6	4.7748e-04	---CAGCCTCC-- AWWTAGCCGCCSA	
MA0079.2_SP1	7.5263e-04	GGAGGCTG-- GGGGNGGGG	
MA0305.1_GCR2	1.0291e-03	-GGAGGCTG NGGAAGC--	
MA0373.1_RPN4	1.6676e-03	CAGCCTCC -CGCCACC	
MA0443.1_btd	2.3778e-03	-CAGCCTCC- YCCGCCMCN	

M30



forward

reverse compliment

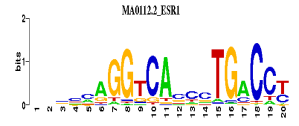
Name	E value	Alignment	Motif
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Stamp Results

10/01/13

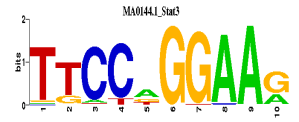
MA0112.2_ESR1 6.0488e-04

---CCAGGCTG-----
RGGTCANNNTGACCTNNNNN



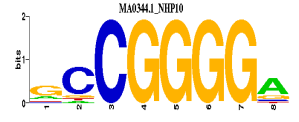
MA0144.1_Stat3 2.0528e-03

--CCAGGCTG
TTCCNGGAAG



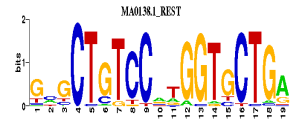
MA0344.1_NHP10 3.9089e-03

--CCAGGCTG
TCCCCGGN--



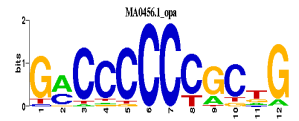
MA0138.1_REST 5.5270e-03

----CAGCCTGG-----
TCAGCACCWNGGACAGCNC

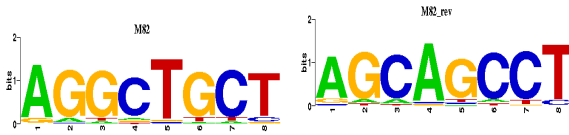


MA0456.1_opa 5.5414e-03

CAGCCTGG----
CNGCGGGGGGKC



M82



forward

reverse compliment

Name

E value

Alignment

Motif

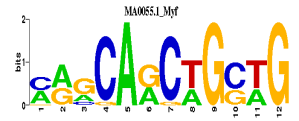
MA0412.1_UME6 4.0632e-04

----AGCAGCCT-
AWWTAGCCGCCSA



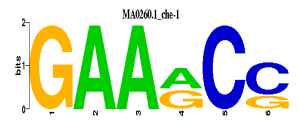
MA0055.1_Myf 1.2270e-03

-AGCAGCCT---
MRGCARCTGCTG



MA0260.1_che-1 2.9385e-03

AGCAGCCT
-GAARCC-



MA0304.1_GCR1 3.1617e-03

AGGCTGCT-
-GGCTTCCA

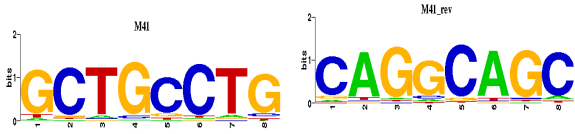


MA0048.1_NHLH1 5.8912e-03

-AGCAGCCT---
NCGCAGCTGCGN



M41

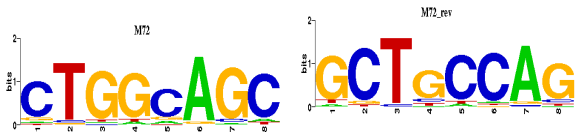


forward

reverse compliment

Name	E value	Alignment	Motif
MA0340.1_MOT3	4.4863e-05	GCTGCCTG --TRCCTN	
MA0144.1_Stat3	3.5735e-04	GCTGCCTG--- -CTTCCNGGAA	
MA0156.1_FEV	5.0130e-04	GCTGCCTG AYTTCCTG	
MA0055.1_Myf	5.4766e-04	-----GCTGCCTG CAGCAGYTGCK-	
MA0305.1_GCR2	1.4534e-03	CAGGCAGC -NGGAAGC	


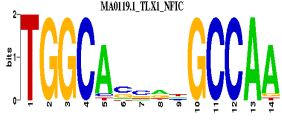
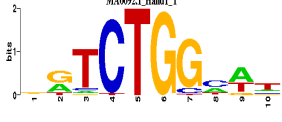


M72



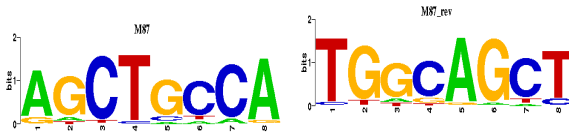
forward

reverse compliment

Name	E value	Alignment	Motif
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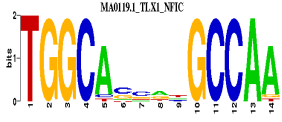


MA0304.1_GCR1	2.2579e-05	-GCTGCCAG GGCTTCCA-	
MA0119.1_TLX1_NFIC	3.6985e-05	CTGGCAGC----- -TGGCASNNNGCCAA	
MA0092.1_Hand1_T	1.4099e-04	GCTGCCAG--- -NWNCCAGAYN	
MA0207.1_achi	1.7602e-04	GCTGCCAG -CTGTCA-	
MA0365.1_RFX1	3.5541e-04	-GCTGCCAG NGTTGCYA-	

M87



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0304.1_GCR1	2.2899e-05	AGCTGCCA GGCTTCCA	
MA0119.1_TLX1_NFIC	5.8269e-05	-----AGCTGCCA TTGGCANNSTGCCA	
MA0048.1_NHLH1	6.0091e-05	----AGCTGCCA NCGCAGCTGCGN	
MA0207.1_achi	1.3905e-04	AGCTGCCA --CTGTCA	

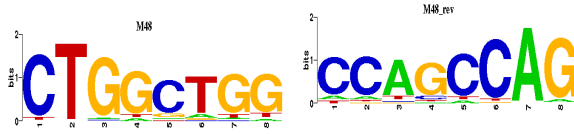
MA0055.1_Myf

1.4966e-04

----AGCTGCCA
CAGCAGYTG CYK



M48



forward

reverse compliment

Name

E value

Alignment

Motif

MA0267.1_ACE2

1.9943e-04

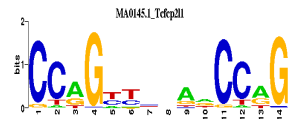
--CCAGCCAG
NCCAGCN--



MA0145.1_Tcfcp211

4.2799e-04

CTGGCTGG-----
CYGNTNNRNCYGG



MA0402.1_SWI5

6.6356e-04

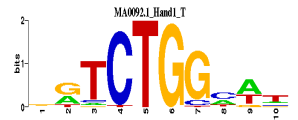
--CCAGCCAG
NACCAGCA--



MA0092.1_Hand1_T

1.9718e-03

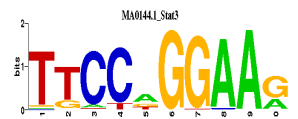
---CTGGCTGG
NRTC TGNNWN-



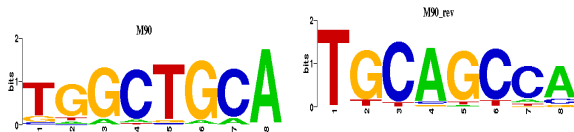
MA0144.1_Stat3

2.2036e-03

CTGGCTGG--
CTTCCNGGAA



M90



forward

reverse compliment

Name

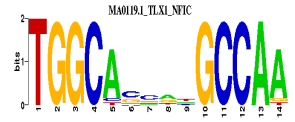
E value

Alignment

Motif

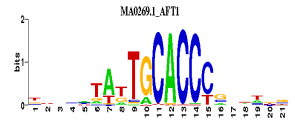
MA0119.1_TLX1_NFIC 1.1780e-03

-----TGCAGCCA
TTGGCNNNSTGCCA



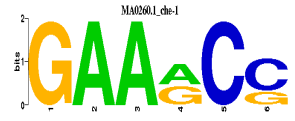
MA0269.1_AFT1 3.7319e-03

-----TGCAGCCA-----
NNNNNTAKTGCACCCNNNNNN



MA0260.1_che-1 4.8769e-03

TGCAGCCA
-GAARCC-



MA0410.1_UGA3 5.1638e-03

TGCAGCCA
TCCCGCCN

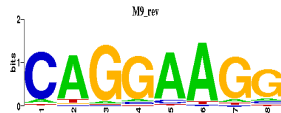
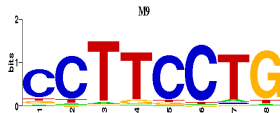


MA0304.1_GCR1 6.3827e-03

-TGCAGCCA
TGGAAGCC-



M9



forward

reverse compliment

Name

E value

Alignment

Motif

MA0156.1_FEV

3.0780e-08

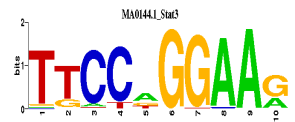
CCTTCCTG
AYTTCCTG



MA0144.1_Stat3

3.7876e-08

CCTTCCTG---
-CTTCCNGGAA



MA0026.1_Eip74EF

1.9161e-07

CCTTCCTG
-YTTCCGG



MA0080.2_SPI1

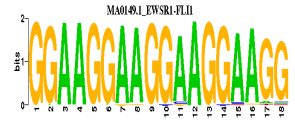
1.9343e-07

CCTTCCTG
ACTTCCT-

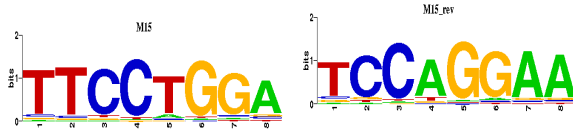


MA0149.1_EWSR1-FLI1 4.2762e-07

CCTTCCTG-----
CCTTCCTTCCTTCCTTC



M15

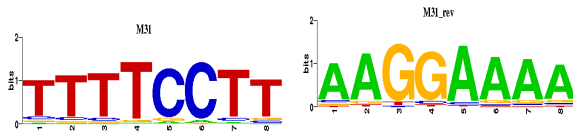


forward

reverse compliment

Name	E value	Alignment	Motif
MA0144.1_Stat3	2.5239e-12	-TTCCTGGA- CTTCCNGGAA	
MA0137.2_STAT1	3.2648e-08	---TTCCTGGA--- NNYTTCCNGGAANN	
MA0156.1_FEV	2.0687e-06	--TTCCTGGA AYTTCCTG--	
MA0026.1_Eip74EF	1.2858e-04	-TTCCTGGA YTTCCG--	
MA0080.2_SPI1	1.9973e-04	--TTCCTGGA ACTTCCT---	

M31



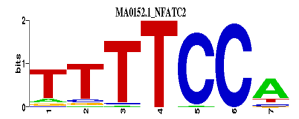
forward

reverse compliment

Name	E value	Alignment	Motif
MA0120.1_id1	8.3595e-08	TTTTCCTT---- TNKYNNNTNCG	

MA0152.1_NFATC2 1.6164e-07

AAGGAAAA
-TGGAAAA



MA0277.1_AZF1 7.5075e-06

TTTTCTT--
-TTTCTTTT



MA0294.1_EDS1 1.2569e-05

--TTTTCTT
NTTNTTCN-

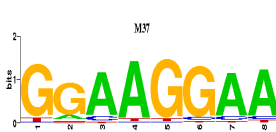


MA0156.1_FEV 1.6318e-05

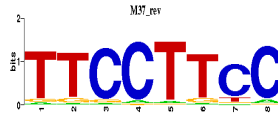
TTTTCTT
AYTTCCTG



M37



forward



reverse compliment

Name

E value

Alignment

Motif

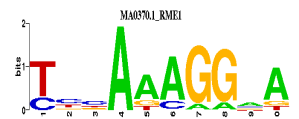
MA0149.1_EWSR1-FLI1 1.0913e-10

--TTCCTTCC-----
CCTTCCTTCCTTCCTTCC



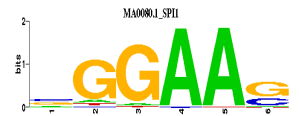
MA0370.1_RME1 3.1792e-05

--GGAAGGAA
TNNAAAGGNA



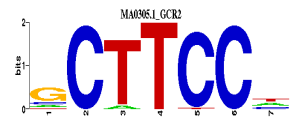
MA0080.1_SPI1 4.8330e-05

TTCCTTCC-
---SITCCN



MA0305.1_GCR2 1.7791e-04

TTCCTTCC-
--GCTTCN

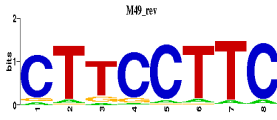
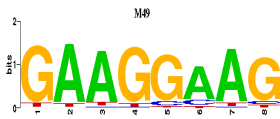


MA0080.2_SPI1 1.9696e-04

TTCCTTCC-
--ACTTCCT



M49

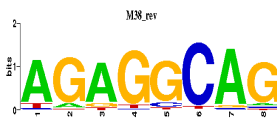
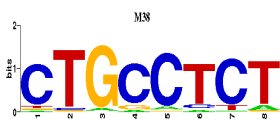


forward

reverse compliment

Name	E value	Alignment	Motif
MA0149.1_EWSR1-FLI1	1.1824e-10	-----GAAGGAAG----- GGAAGGAAGGAAGGAAGG	
MA0080.2_SPI1	2.7881e-07	-CTTCCTTC ACTTCCT--	
MA0370.1_RME1	2.6576e-05	CTTCCTTC--- -TNCCTTTNNA	
MA0039.1_Klf4	3.4902e-05	-CTTCCTTC- CCTTYYYTNN	
MA0080.1_SPI1	4.4736e-05	CTTCCTTC STTCN--	

M38



forward

reverse compliment

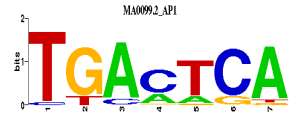
Name	E value	Alignment	Motif
MA0081.1_SPIB	6.9772e-05	CTGCCTCT -TTCKST	
MA0340.1_MOT3	2.4994e-04	CTGCCTCT -TRCCTN-	

Stamp Results

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MA0099.2_AP1 1.2245e-03

AGAGGCAG
TGAGTCA-



MA0080.2_SPI1 1.4678e-03

-CTGCCTCT
ACTTCCT--

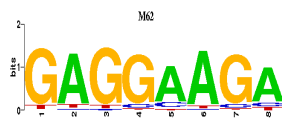


MA0272.1_ARG81 3.2462e-03

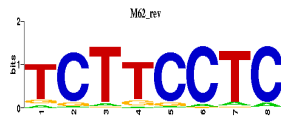
AGAGGCAG
NGAGTCAN



M62



forward



reverse compliment

Name

E value

Alignment

Motif

MA0080.2_SPI1 2.5627e-07

TCTTCCTC
ACTTCCT-



MA0081.1_SPIB 2.3480e-06

TCTTCCTC-
--TTCKST



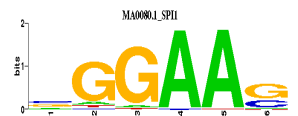
MA0062.1_GABPA 2.7948e-05

-TCTTCCTC-
SNCTTCGGT



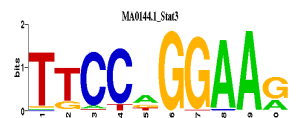
MA0080.1_SPI1 3.9705e-05

TCTTCCTC
-STTCN-

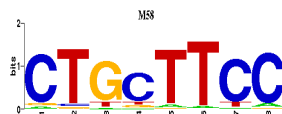


MA0144.1_Stat3 5.9026e-05

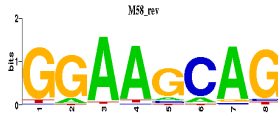
TCTTCCTC---
-CTTCNGGAA



M58



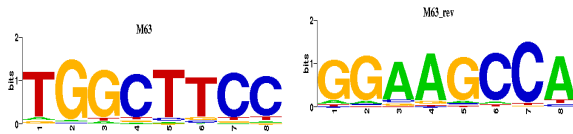
forward



reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0305.1_GCR2	1.9697e-07	-GGAAGCAG NGGAAGC--	
MA0304.1_GCR1	1.5326e-06	CTGCTTCC- -GGCTTCCA	
MA0323.1_IXR1	7.4088e-06	-----GGAAGCAG-- AARCCGGAAGCGGKG	
MA0080.1_SPI1	4.4777e-05	CTGCTTCC- ---STTCN	
MA0080.2_SPI1	1.8130e-04	CTGCTTCC- --ACTTCT	

M63



forward

reverse compliment

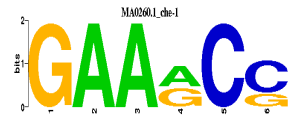
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0304.1_GCR1	6.8450e-10	TGGCTTCC- -GGCTTCCA	
MA0305.1_GCR2	1.7511e-07	-GGAAGCCA NGGAAGC--	

Stamp Results

10/01/13

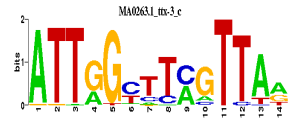
MA0260.1_che-1 4.9415e-07

TGGCTTCC
-GGYTTC-



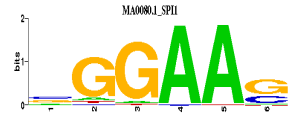
MA0263.1_ttx-3_c 1.5954e-05

----GGAAGCCA--
YTAACKAARCCAAT

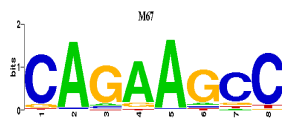


MA0080.1_SPI1 4.4176e-05

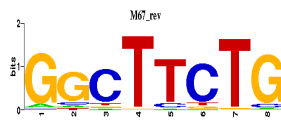
TGGCTTCC-
---STTCN



M67



forward



reverse compliment

Name

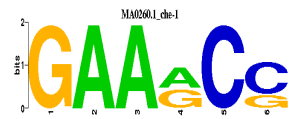
E value

Alignment

Motif

MA0260.1_che-1 5.5202e-07

CAGAAGCC
--GAARCC



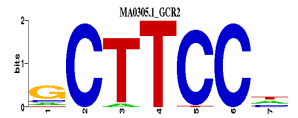
MA0304.1_GCR1 2.4848e-06

GGCTTCTG
GGCTTCCA



MA0305.1_GCR2 1.8246e-04

GGCTTCTG
-GCTTCN



MA0454.1_odd 2.2523e-04

-GGCTTCTG--
NTGCTACTGTN

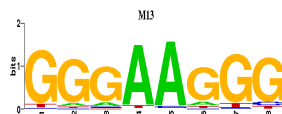


MA0323.1_I XR1 6.7520e-04

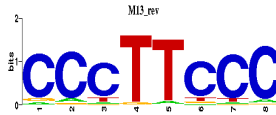
---GGCTTCTG---
CMCCGCTTCCGGYTT



M13



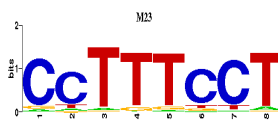
forward



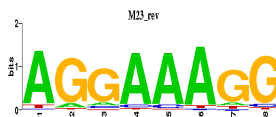
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SPI1	2.7293e-06	-GGGAAGGG- GGGGNGGGG	
MA0039.1_Klf4	2.0517e-05	CCCTTCCC--- -CCTTYYYTTN	
MA0080.1_SPI1	5.5866e-05	CCCTTCCC --STTCN	
MA0080.2_SPI1	1.7416e-04	CCCTTCCC -ACTTCCT	
MA0305.1_GCR2	1.7796e-04	GGGAAGGG NGGAAGC-	

M23



forward

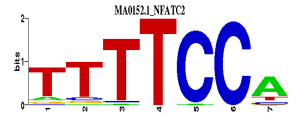


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0039.1_Klf4	1.8976e-07	CCTTTCCT-- CCTTYYYTTN	
MA0156.1_FEV	2.3082e-05	CCTTTCCT- -AYTTCCTG	

MA0152.1_NFATC2 1.8506e-04

AGGAAAGG
TGGAAAA-



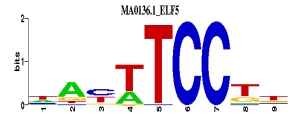
MA0080.2_SPI1 2.0121e-04

CCTTTCCT
-ACTTCCT

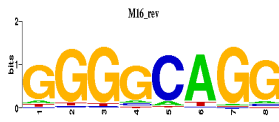
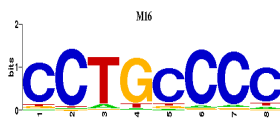


MA0136.1_ELF5 4.8984e-04

-AGGAAAGG
NMGGAARTN



M16



forward

reverse compliment

Name

E value

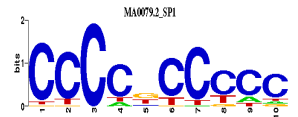
Alignment

Motif

MA0079.2_SP1

1.6679e-06

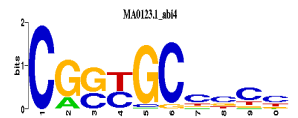
-GGGCAGG-
GGGGNGGGG



MA0123.1_abi4

5.5740e-05

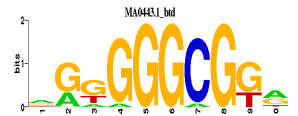
-CCTGCCCC-
CGSYGCNNCN



MA0443.1_btd

9.1874e-05

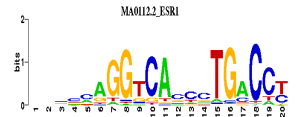
CCTGCCCC--
YCCGCCMCN



MA0112.2_ESR1

1.6359e-04

GGGCAGG-----
RGGTCANNNTGACCTNNNNN

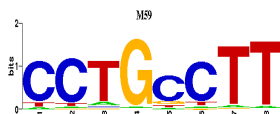


MA0140.1_Tal1_Gata1 3.2800e-04

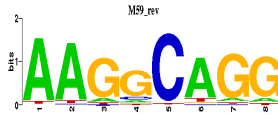
----CCTGCCCC-----
NTTATCTNNNNNNNNCNN



M59



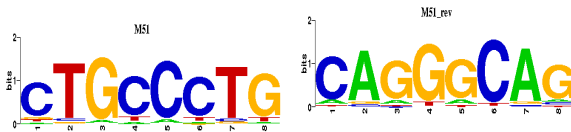
forward



reverse compliment

Name	E value	Alignment	Motif
MA0149.1_EWSR1-FLI1	4.2849e-06	----CCTGCCTT----- CCTTCCTTCCTTCCTTCC	
MA0340.1_MOT3	2.6659e-05	CCTGCCTT --TRCCTN	
MA0039.1_Klf4	1.0616e-04	CCTGCCTT-- CCTTYYTTN	
MA0080.2_SPI1	1.3252e-03	CCTGCCTT ACTTCCT-	
MA0088.1_znf143	2.7111e-03	-----CCTGCCTT-- NNNNTCCCAKNNTKCMNNGM	

M51



forward

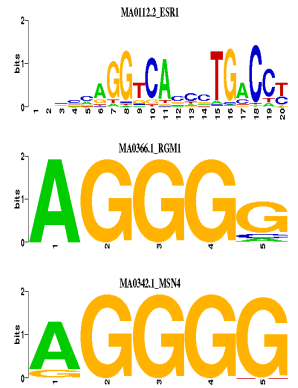
reverse compliment

Name	E value	Alignment	Motif
MA0364.1_REI1	1.7974e-04	CTGCCCTG- --CCCCTGN	
MA0065.2_PPARG_RXRA	6.2364e-04	-----CTGCCCTG- TGMCCTTTGNCYNN	

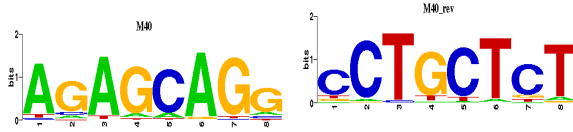
Stamp Results

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MA0112.2_ESR1	1.3368e-03	CAGGGCAG----- -RGGTCANNNTGACCTNNNNN
MA0366.1_RGM1	1.8828e-03	CAGGGCAG -AGGGG--
MA0342.1_MSN4	2.0216e-03	CTGCCCTG --CCCCT-



M40

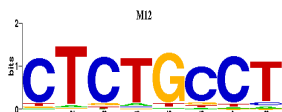


forward

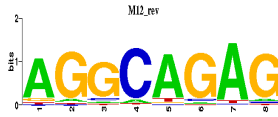
reverse complement

Name	E value	Alignment	Motif
MA0451.1_kni	1.3540e-04	CCTGCTCT----- -NTGCTCTANNTT	
MA0326.1_MAC1	6.6628e-04	AGAGCAGG YGAGCAA	
MA0276.1_ASH1	4.1655e-03	CCTGCTCT-- CCYGATNYGG	
MA0086.1_sna	6.8111e-03	AGAGCAGG-- ----CAGGTG	
MA0112.2_ESR1	8.4848e-03	AGAGCAGG----- RGGTCANNNTGACCTNNNNN	

M12



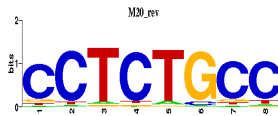
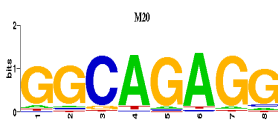
forward



reverse compliment

Name	E value	Alignment	Motif
MA0283.1_CHA4	3.7019e-05	-CTCTGCCT NCTCCGCC-	
MA0065.2_PPARG_RXRA	9.6348e-05	----CTCTGCCT--- TGMCCTTTGNCCYNN	
MA0062.1_GABPA	2.6080e-04	CTCTGCCT-- SNCTTCCGGT	
MA0340.1_MOT3	3.1678e-04	CTCTGCCT- ---TRCCTN	
MA0080.2_SPI1	8.6421e-04	AGGCAGAG AGGAAGT-	

M20

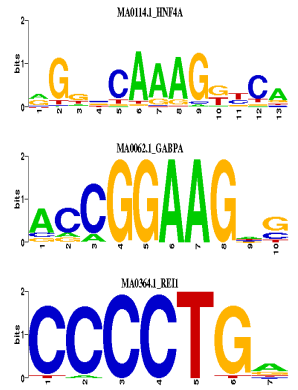


forward

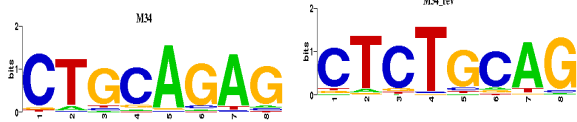
reverse compliment

Name	E value	Alignment	Motif
MA0065.2_PPARG_RXRA	1.0402e-07	----GGCAGAGG--- NNRGGNCAAAGGKCA	
MA0283.1_CHA4	4.3747e-05	GGCAGAGG GGCGGAGN	

MA0114.1_HNF4A	3.1245e-04	--GGCAGAGG--- RGNNCAAAGKNCA
MA0062.1_GABPA	5.0465e-04	CCCTGACC--- -SNCTTCCGGT
MA0364.1_REI1	1.3547e-03	GGCAGAGG -NCAGGGG



M34

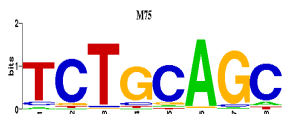


forward

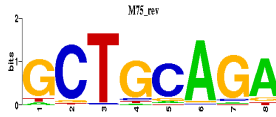
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0150.1_NFE2L2	4.9799e-04	----CTCTGCAG RTGACWNAGCA-	
MA0320.1_IME1	6.7901e-04	CTCTGCAG CTCGGCGG	
MA0385.1_SOK2	1.1320e-03	---CTGCAGAG NNNMTGCAKNN	
MA0062.1_GABPA	2.5665e-03	CTCTGCAG-- SNCTTCCGGT	
MA0287.1_CUP2	2.6538e-03	---CTCTGCAG CWTTTYTGCTG	

M75



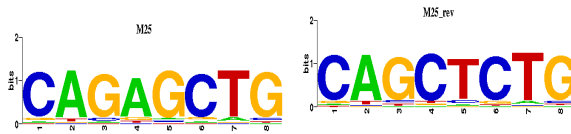
forward



reverse compliment

Name	E value	Alignment	Motif
MA0055.1_Myf	3.4875e-04	TCTGCAGC----- -CAGCAGYTG CYK	
MA0385.1_SOK2	1.0909e-03	--TCTGCAGC- NNNMTGCAKNN	
MA0254.1_vv1	2.7922e-03	GCTGCAGA --TGMATA	
MA0287.1_CUP2	3.8952e-03	----TCTGCAGC CWTTTYTGCTG-	
MA0412.1_UME6	4.1437e-03	-----GCTGCAGA AWWTAGCCGCCSA	

M25



forward

reverse compliment

Name	E value	Alignment	Motif
MA0048.1_NHLH1	1.9660e-03	-CAGAGCTG--- NCGCAGCTGCGN	
MA0335.1_MET4	3.8655e-03	-CAGAGCTG CCACAGNT-	

Stamp Results

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MA0389.1_SRD1 4.8473e-03

-CAGAGCTG
NNAGATCT-



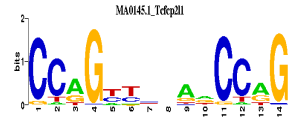
MA0451.1_kni 1.0875e-02

CAGCTCTG----
NTGCTCTANTTT

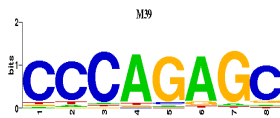


MA0145.1_Tcfcp211 1.1589e-02

-----CAGAGCTG-
CYGGNTNNRNCYGG



M39



forward



reverse compliment

Name

E value

Alignment

Motif

MA0332.1_MET28 1.4753e-04

CCCAGAGC
-CCACAG-



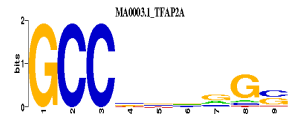
MA0451.1_kni 3.1178e-04

--GCTCTGGG--
NTGCTCTANTTT



MA0003.1_TFAP2A 7.8107e-04

-CCCAGAGC
SCNNNNGGC



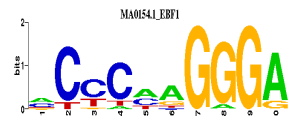
MA0362.1_RDS2 1.3308e-03

CCCAGAGC
CCCCGAN-

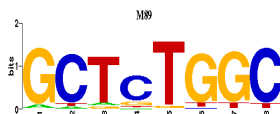


MA0154.1_EBF1 1.8636e-03

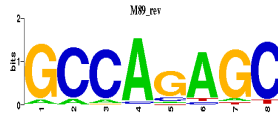
GCTCTGGG--
TCCTNNGGN



M89



forward

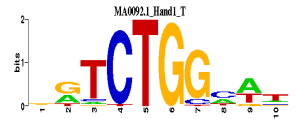


reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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MA0278.1_BAS1	4.1475e-05	-----GCTCTGGC----- NNNWNNTGACTCNGGCYNNNN	
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MA0092.1_Hand1_T	4.9502e-05	GCTCTGGC-- NRCTCTGGNWN	
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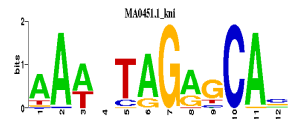
MA0332.1_MET28	9.0369e-05	GCCAGAGC -CCACAG-	
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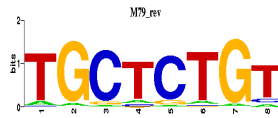
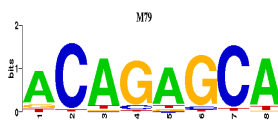
MA0334.1_MET32	6.7035e-04	GCTCTGGC- --TGTTGCN	
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MA0451.1_kni	6.8296e-04	--GCTCTGGC-- NTGCTCTANTTT	
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M79

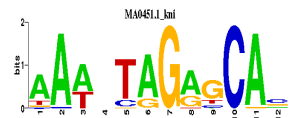


forward

reverse compliment


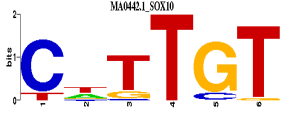

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
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MA0451.1_kni	1.0617e-04	-TGCTCTGT--- NTGCTCTANTTT	
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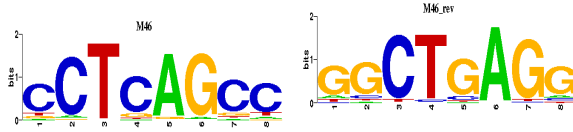


MA0150.1_NFE2L2	3.7819e-04	TGCTCTGT--- TGCTNWTGTCAY	
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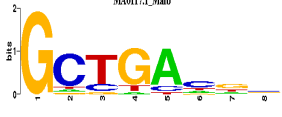
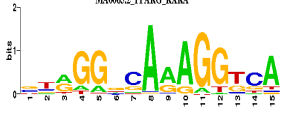
MA0326.1_MAC1	6.5185e-04	ACAGAGCA-- --YGAGCAAA	
MA0442.1_SOX10	1.7120e-03	ACAGAGCA ACAAGW--	
MA0332.1_MET28	6.8002e-03	--ACAGAGCA CCACAG----	

M46



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0283.1_CHA4	3.6474e-05	GGCTGAGG GGCGGAGN	
MA0150.1_NFE2L2	1.2698e-04	GGCTGAGG--- TGCTNWTCA Y	
MA0332.1_MET28	1.7062e-04	CCTCAGCC CCACAG--	
MA0117.1_Mafb	8.2061e-04	GGCTGAGG- -GCTGANN	
MA0065.2_PPARG_RXRA	8.2768e-04	---CCTCAGCC--- TGMCCTTGNCCYNN	

M80



forward



reverse compliment

Name *E value*

Alignment

Motif

MA0048.1_NHLH1 3.4310e-07

---CAGCTGAG--
NCGCAGCTGCGN



MA0150.1_NFE2L2 9.6639e-05

----CTCAGCTG
RTGACWNAGCA--



MA0086.1_sna 1.7168e-04

CAGCTGAG
CACCTG--



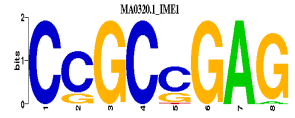
MA0247.1_tin 2.3194e-04

CAGCTGAG
CACTTGAR

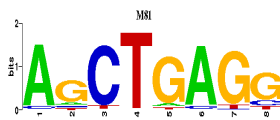


MA0320.1_IME1 2.9704e-04

CTCAGCTG
CTCGGCGG



M81



forward

reverse compliment

Name

E value

Alignment

Motif

MA0335.1_MET4 2.0505e-05

AGCTGAGG
ANCTGTGG



MA0150.1_NFE2L2 1.0902e-04

AGCTGAGG---
TGCTNWTGTCAY



MA0048.1_NHLH1 1.2072e-04

----AGCTGAGG
NCGCAGCTGCGN



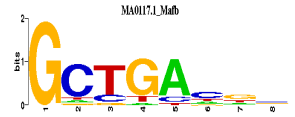
MA0332.1_MET28 2.2291e-04

CCTCAGCT
CCACAG--

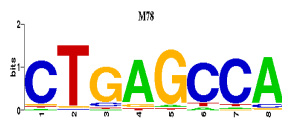


MA0117.1_MafB 7.7155e-04

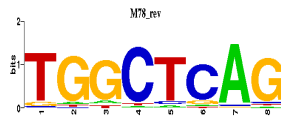
AGCTGAGG-
-GCTGANNN



M78



forward



reverse compliment

Name

E value

Alignment

Motif

MA0150.1_NFE2L2 1.3241e-06

--CTGAGCCA-
TGCTNWTGTCAY



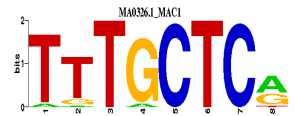
MA0099.2_API 6.0254e-06

CTGAGCCA
-TGAGTCA



MA0326.1_MAC1 4.9984e-05

-TGGCTCAG
TTTGCTCR-



MA0263.1_ttx-3_c 5.3757e-05

----CTGAGCCA--
YTAACKAARCCAAT

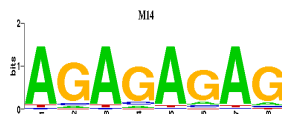


MA0099.1_Fos 5.9046e-05

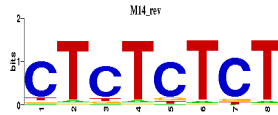
TGGCTCAG
TGANTCAC



M14



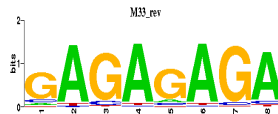
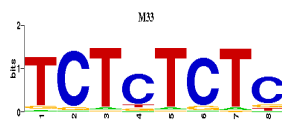
forward



reverse compliment

Name	E value	Alignment	Motif
MA0205.1_Tr1	3.4208e-03	-AGAGAGAG- NNGAGAGNNR	
MA0039.1_Klf4	8.1013e-03	-CTCTCTCT- CCTTYYTNN	
MA0159.1_RXR_RAR_DR5	9.8417e-03	---CTCTCTCT--- TGACCTNYNNNTGAMCY	
MA0081.1_SPIB	2.7921e-02	AGAGAGAG ASMGGA-	
MA0207.1_achi	2.8563e-02	CTCTCTCT --CTGTCA	

M33



forward

reverse compliment

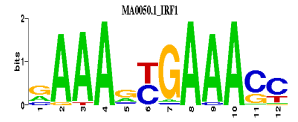
Name	E value	Alignment	Motif
MA0140.1_Tal1_Gata1	2.7606e-03	-----GAGAGAGA----- NNGNNNNNNNNAGATAAN	
MA0205.1_Tr1	3.4237e-03	--GAGAGAGA NNGAGAGNNR	

Stamp Results

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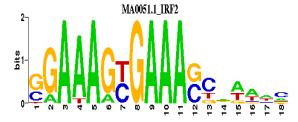
MA0050.1_IRF1 1.3111e-02

----TCTCTCTC
GGTTTCRNTTTN



MA0051.1_IRF2 2.2306e-02

-----TCTCTCTC-
NNWWNRSTTTTCRCTTTCS

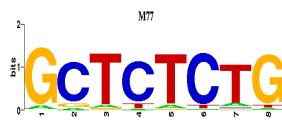


MA0207.1_achi 2.4570e-02

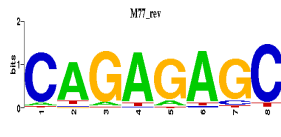
TCTCTCTC-
---CTGTCA



M77



forward



reverse compliment

Name

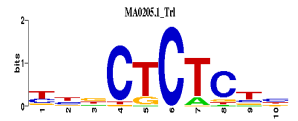
E value

Alignment

Motif

MA0205.1_Trl 3.5525e-03

CAGAGAGC--
NNGAGAGNNR



MA0432.1_YNR063W 3.8059e-03

GCTCTCTG-
-ATCTCCGA



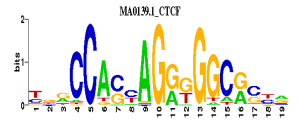
MA0354.1_PDR8 3.8607e-03

GCTCTCTG-
-ATCTCCGN



MA0139.1_CTCF 6.3232e-03

-----CAGAGAGC-----
YNNCCASYAGGKGGCRSNN

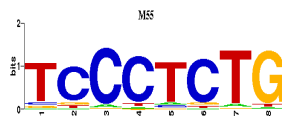


MA0155.1_INSM1 7.1149e-03

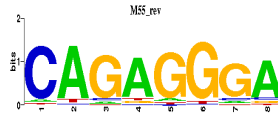
-GCTCTCTG-
YGCCCCCTGRCA



M55



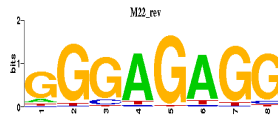
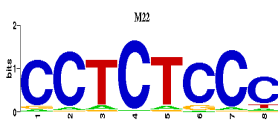
forward



reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0413.1_USV1	2.4268e-05	-----CAGAGGGA----- NNNNNNNTTCAGGGGKANNNN	
MA0081.1_SPIB	3.8905e-05	TCCCTCTG TTCKST-	
MA0370.1_RME1	4.6785e-04	--CAGAGGGA TNNAAAGGNA	
MA0057.1_MZF1_5-13	6.1958e-04	-TCCCTCTG- NTNCCCCTMN	
MA0456.1_opa	7.1662e-04	CAGAGGGA----- CNGCGGGGGGKC	

M22



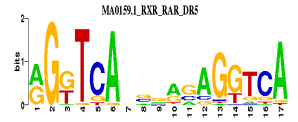
forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	1.4084e-05	--CCTCTCCC CCCNCCCC	
MA0065.2_PPARG_RXRA	9.2062e-05	---CCTCTCCC--- TGMCCITTTGNCYYNN	

MA0159.1_RXR_RAR_DR5 1.0624e-04

---CCTCTCCC-----
TGACCTNYNNNTGAMCY



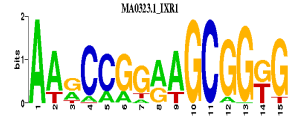
MA0062.1_GABPA 4.6675e-04

CCTCTCCC---
-SNCTTCCGGT

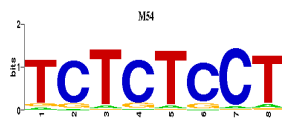


MA0323.1_IXR1 5.4039e-04

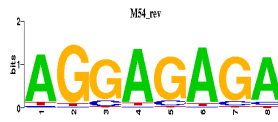
--CCTCTCCC-----
CMCCGCTTCCGGYTT



M54



forward



reverse compliment

Name

E value

Alignment

Motif

MA0354.1_PDR8 6.7871e-04

TCTCTCCT-
-ATCTCCGN



MA0432.1_YNR063W 7.5334e-04

TCTCTCCT-
-ATCTCCGA



MA0009.1_T 7.9138e-04

-TCTCTCCT--
TTCACACCTAG



MA0422.1_YDR520C 9.5842e-04

-TCTCTCCT-
NTAWNCCGN

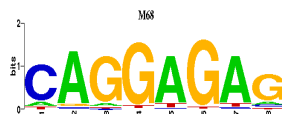


MA0140.1_Tal1_Gata1 9.9783e-04

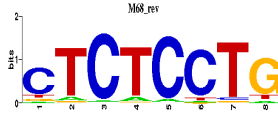
----TCTCTCCT-----
NTTATCTNNNNNNNNCNN



M68



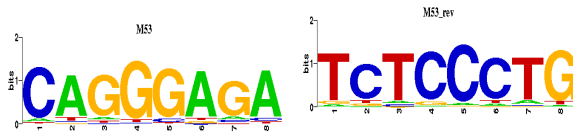
forward



reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0086.1_sna	1.1384e-04	CTCTCCTG --CACCTG	
MA0156.1_FEV	2.2610e-04	CTCTCCTG AYTTCCTG	
MA0432.1_YNR063W	6.5864e-04	CTCTCCTG ATCTCCGA	
MA0354.1_PDR8	6.6411e-04	CTCTCCTG ATCTCCGN	
MA0364.1_REI1	1.5951e-03	-CAGGAGAG NCAGGG--	

M53



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0112.2_ESR1	8.0796e-06	-----TCTCCCTG----- NNNNNAGGTCANNNTGACCY	
MA0413.1_USV1	2.5331e-05	----TCTCCCTG----- NNNNTMCCCCCTGAANNNNNN	

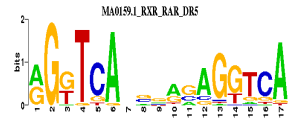
MA0364.1_REI1 1.7472e-04

-CAGGGAGA
NCAGGGG--



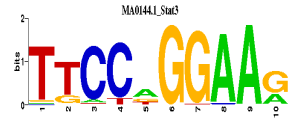
MA0159.1_RXR_RAR_DR5 3.7429e-04

----CAGGGAGA----
RGKTCANNRNAGGTCA

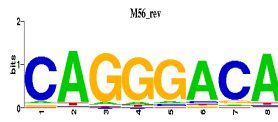
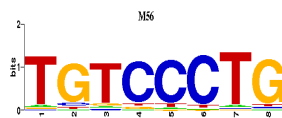


MA0144.1_Stat3 3.9230e-04

---CAGGGAGA
TTCCNGGAAG-



M56



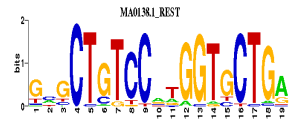
forward

reverse compliment

Name E value Alignment Motif

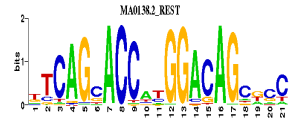
MA0138.1_REST 1.7687e-05

-----CAGGGACA----
TCAGCACCWNGGACAGCNC



MA0138.2_REST 3.6617e-05

-----TGTCCTG-----
GNNGCTGTCCNNGGTGCTGAN



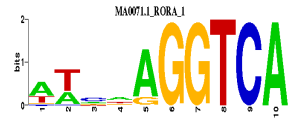
MA0364.1_REI1 1.7420e-04

TGTCCTG-
--CCCCTGN



MA0071.1_RORA_1 4.6853e-04

TGTCCTG--
TGACCTNNWW

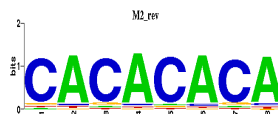
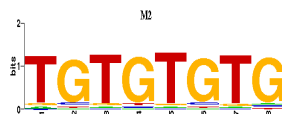



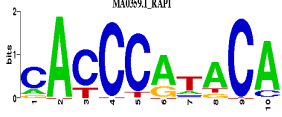



MA0154.1_EBF1 5.7411e-04

TGTCCTG----
--TCCCTNGGGN

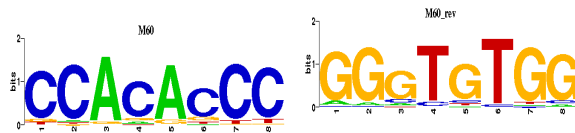





M2



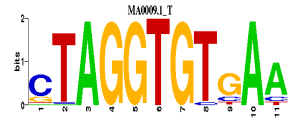
	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0009.1_T	1.0540e-03	--CACACACA-- TTCACACCTAG	
MA0359.1_RAP1	1.3926e-03	TGTGTGTG-- TGTATGGGTG	
MA0327.1_MATA1	1.8380e-03	--TGTGTGTG ATTGTGY---	
MA0041.1_Foxd3	2.5207e-03	-CACACACA--- AAANAAACAWTN	
MA0288.1_CUP9	2.5290e-03	TGTGTGTG- WWTGTGTCA	

M60



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0039.2_Klf4	1.2469e-09	-CCACACCC- GCCMCRCCTN	
MA0270.1_AFT2	2.2849e-06	-GGGTGTGG NGGGTGTN-	
MA0332.1_MET28	1.8470e-05	CCACACCC CCACAG--	

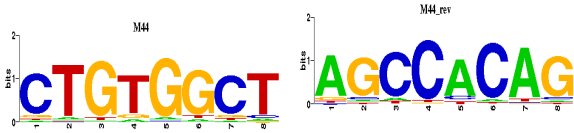
MA0009.1_T 3.0841e-05 --GGGTGTGG--
CTAGGTGTGAA



MA0450.1_hkb 3.3087e-05 CCACACCC--
TCACGCCCM



M44

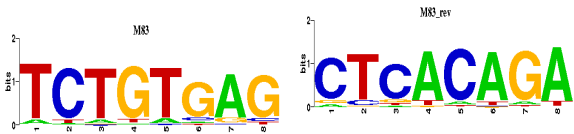


forward

reverse compliment






Name	E value	Alignment	Motif
MA0332.1_MET28	4.0127e-09	CTGTGGCT CTGTGG--	
MA0334.1_MET32	1.6710e-07	CTGTGGCT -TGTGGCN	
MA0002.2_RUNX1	2.4438e-07	-AGCCACAG-- NAACCACARNN	
MA0335.1_MET4	1.6037e-06	AGCCACAG-- --CCACAGNT	
MA0285.1_CRZ1	5.1351e-05	CTGTGGCT--- --GNGGCTNNN	

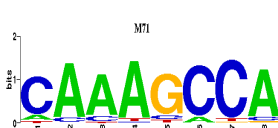
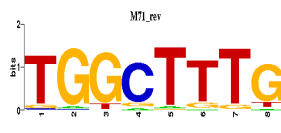
M83







forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0332.1_MET28	1.8837e-05	CTCACAGA -CCACAG-	
MA0207.1_achi	1.6142e-04	TCTGTGAG -CTGTCA-	
MA0227.1_hth	3.9601e-04	CTCACAGA -TGACAG-	
MA0335.1_MET4	7.1178e-04	CTCACAGA- -CCACAGNT	
MA0322.1_INO4	1.5983e-03	-TCTGTGAG GCATGTGAA	

M71*forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0053.1_MNB1A	2.9998e-06	TGGCTTTG --NCTTT-	
MA0064.1_PBF	7.1350e-06	TGGCTTTG --RCTTT-	
MA0020.1_Dof2	1.9866e-05	CAAAGCCA -AAAGCN-	
MA0459.1_tll	1.1253e-04	--TGGCTTTG KTTGACTTTT	

Stamp Results

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MA0021.1_Dof3 1.3212e-04

CAAAGCCA
-AAAGYN-



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