

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

Input file: 99 motifs loaded

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

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

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

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Multiple Alignment

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

```

M0 :          AAAAAAAAA-----
M1 :          ---TTTTAAAA----
M2 :          ----GGGTGGGG---
M3 :          ---GGGGTGGG----
M4 :          --AAAGGAAA-----
M5 :          -TGTGTGTG-----
M6 :          -----AGAAAGAA--
M7 :          --GGAGGAGG-----
M8 :          ----AAGAAAAG---
M9 :          ---AAGGAAAA----
M10 :         ---AGAGAGAG----
M11 :         AAGAAAGA-----
M12 :         AGGAAGGA-----
M13 :         --GGGGGTGG-----
M14 :         --GTGTGTGT-----
M15 :         --GAGAGAGA-----
M16 :         -GGAGGGAG-----
M17 :         -----AGAAAAAG--
M18 :         -----GGTGGGGG---
M19 :         --GAGGGAGG-----
M20 :         -GGAAGGAA-----
M21 :         --TGGGGAGG-----
M22 :         ----AGGAAAGG---
```

Stamp Results

10/01/13

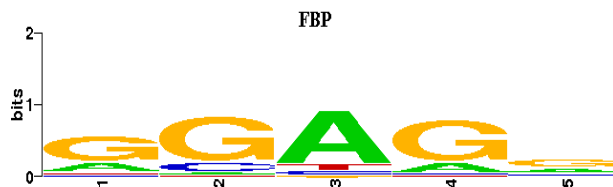
M23: --GAAGGAAG-----
M24: ---CAGGAAGG-----
M25: -----GGCGGGGC--
M26: ----GGGAGAGG---
M27: -AGGCAGAG-----
M28: -----GGAGGTGG--
M29: -----GCAGCAGC--
M30: -----AGAGAAGG--
M31: ----GGGAAAGG---
M32: -----GGAGAGGG--
M33: -----GGAGGGGA--
M34: ----AGGAGAGA---
M35: --CCAGGAAG-----
M36: ----CAGAGCAG---
M37: -----GGAGGCTG--
M38: ---AGAGAGGA----
M39: -----GGAGAAAG--
M40: -----GAGGCAGG--
M41: -----GAGGAAGA--
M42: --AGCAGAGG-----
M43: --AGGGCAGG-----
M44: ---GGGCAGGG-----
M45: -CTGCAGAG-----
M46: --CAGGCAGG-----
M47: -GAGGGGAG-----
M48: --GAAGGAGG-----
M49: --CTGGGAGG-----
M50: -CAGCCCAG-----
M51: ---CAGCAGCA----
M52: -----GGAAGGGG--
M53: -CAGAGGAG-----
M54: --CAGGGAAG-----
M55: -GGCTGGAG-----
M56: ---GGGGAGGA----
M57: -----AGGCTGGG--
M58: -CCCAGCAG-----
M59: --GTGGGTGG-----
M60: --GGCAGAGG-----
M61: -----CAGCCCTG--
M62: -GGCTGCAG-----
M63: -GCTGGGAG-----
M64: ----CAGAGCTG---
M65: ----AGGAGCTG---

Stamp Results

10/01/13

```
M66: -----GAGAAAGG-
M67: -GAGCAGAG-----
M68: --GGGGCAGG-----
M69: --GGCTGAGG-----
M70: --CCCAGAGC-----
M71: -CTGGGGAG-----
M72: -CCAGGGAG-----
M73: -----GGAGGAGC--
M74: -----GAGCTGGG-
M75: --AAGGGAGG-----
M76: -----GAGGCTGG-
M77: -----CAGCCTGG-
M78: -GGACAGAG-----
M79: ---CTGGGGCT-----
M80: ----AAAAACAT----
M81: -AGCTGGAG-----
M82: --CAGGGAGA-----
M83: ---TGGGAAAG-----
M84: ---AGGGACAG-----
M85: -----GAGCCAGG-
M86: ----GGGCGTGG---
M87: ----GGAGCCAG--
M88: --AGCCCAGG-----
M89: -CCTCAGAG-----
M90: ----CAGAGGCT---
M91: TTCTGGA-----
M92: --AGGGGCGG-----
M93: TCCTGGGA-----
M94: -----GGAGGAAA--
M95: GCTGGGGA-----
M96: --CAGGCAGA-----
M97: ---AGGGTGTG-----
M98: ----GGAGAGAA--
```

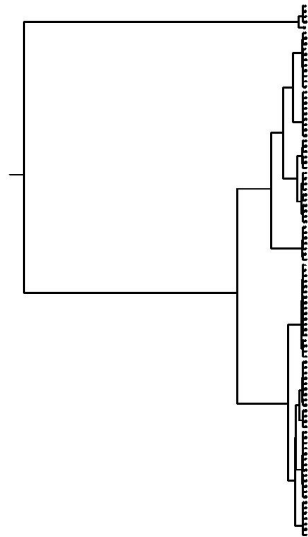
Familial Profile:
(click for matrix)

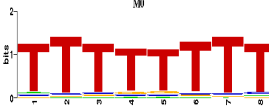

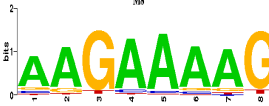

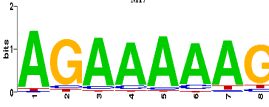



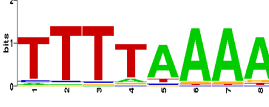

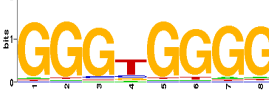

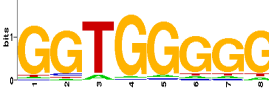

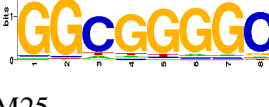



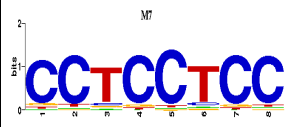
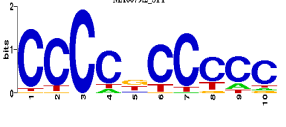
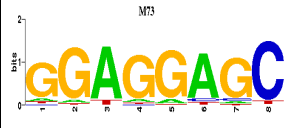

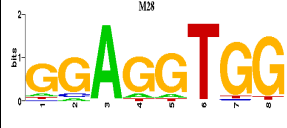

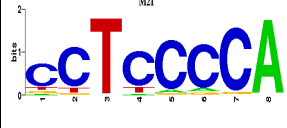
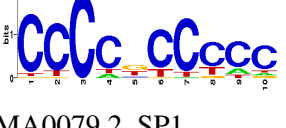
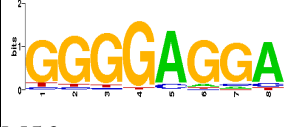
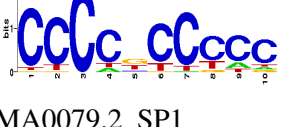
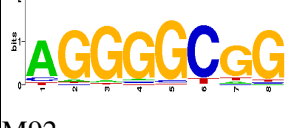

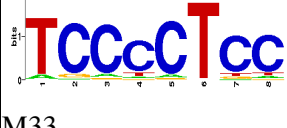
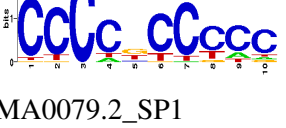
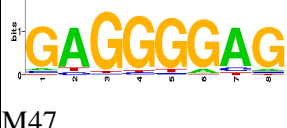

Motif Tree

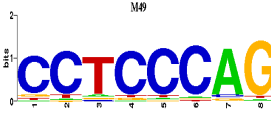

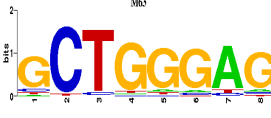


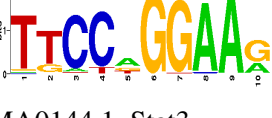


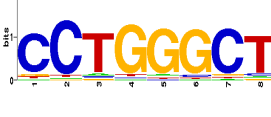

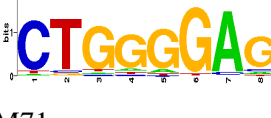

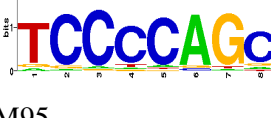
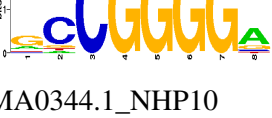
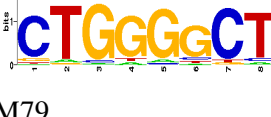

Tree (drawn by [Phylip](#))

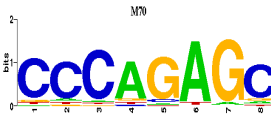

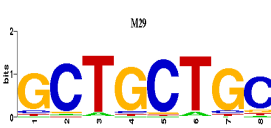
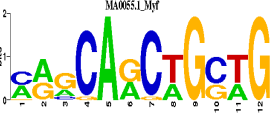
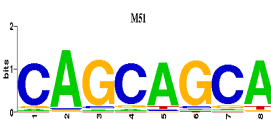

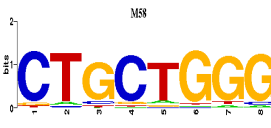

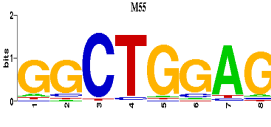

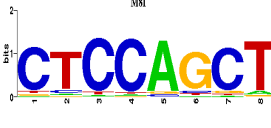

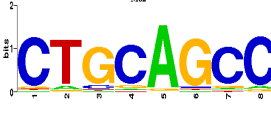
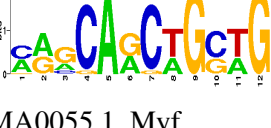
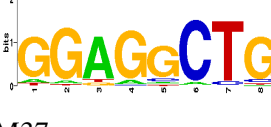
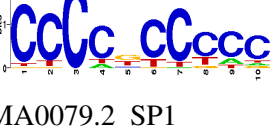
[Click here for Newick-format tree](#) (viewable with [MEGA](#))

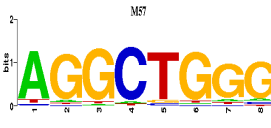

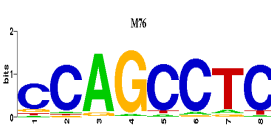


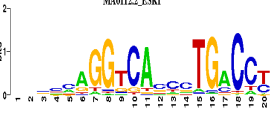
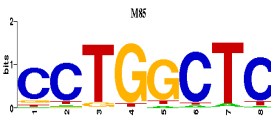

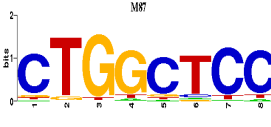

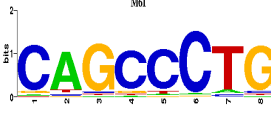

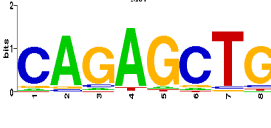
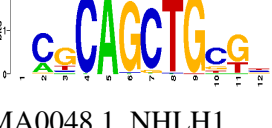
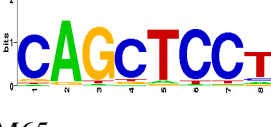
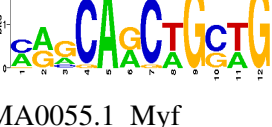


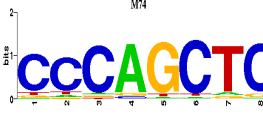
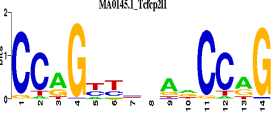
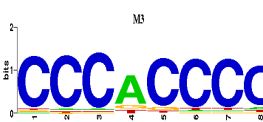

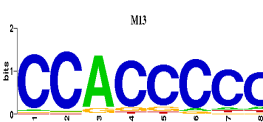
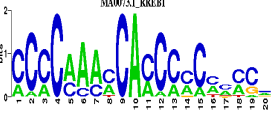
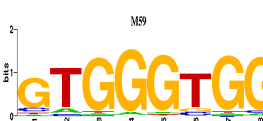

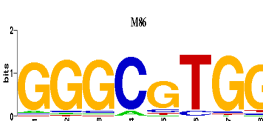

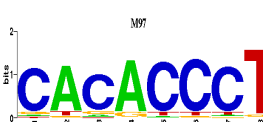


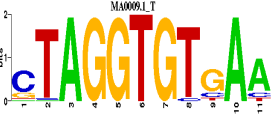

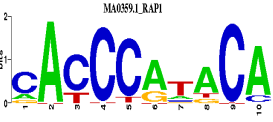
| Input Motif | Best match in JASPAR |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <p>M0</p>  | <p>MA0277.1_AZF1 (E val: 6.4616e-08)</p>  |
| <p>M8</p>  | <p>MA0277.1_AZF1 (E val: 6.9294e-06)</p>  |
| <p>M17</p>  | <p>MA0277.1_AZF1 (E val: 9.1120e-06)</p>  |
| <p>M80</p>  | <p>MA0417.1_YAP5 (E val: 1.1655e-06)</p>  |
| <p>M1</p>  | <p>MA0151.1_ARID3A (E val: 7.1741e-05)</p>  |
| <p>M2</p>  | <p>MA0039.2_Klf4 (E val: 5.7690e-10)</p>  |
| <p>M18</p>  | <p>MA0436.1_YPR022C (E val: 2.1246e-07)</p>  |
| <p>M25</p>  | <p>MA0039.2_Klf4</p>  |

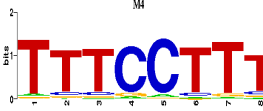



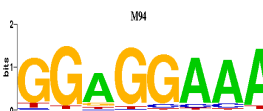
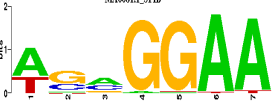
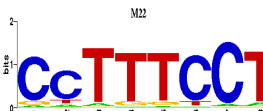
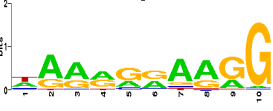
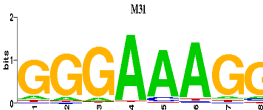
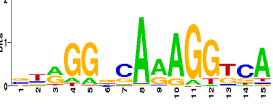
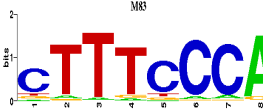
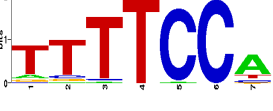
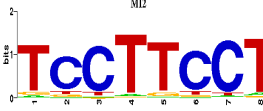
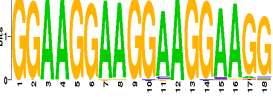
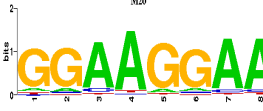

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| | (E val: 2.5074e-09) |
|  <p>M7</p> |  <p>MA0079.2_SP1 (E val: 9.3231e-07)</p> |
|  <p>M73</p> |  <p>MA0283.1_CHA4 (E val: 4.8780e-05)</p> |
|  <p>M28</p> |  <p>MA0086.1_sna (E val: 1.8141e-05)</p> |
|  <p>M21</p> |  <p>MA0079.2_SP1 (E val: 1.5102e-06)</p> |
|  <p>M56</p> |  <p>MA0079.2_SP1 (E val: 8.0927e-07)</p> |
|  <p>M92</p> |  <p>MA0443.1_btd (E val: 2.7793e-08)</p> |
|  <p>M33</p> |  <p>MA0079.2_SP1 (E val: 8.1054e-07)</p> |
|  <p>M47</p> |  <p>MA0366.1_RGM1 (E val: 1.9254e-06)</p> |

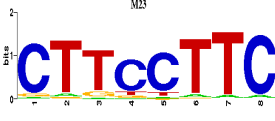
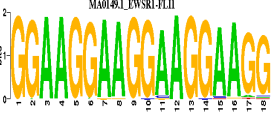
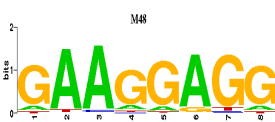
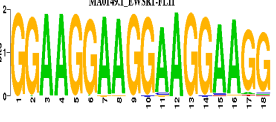
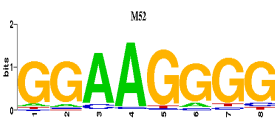

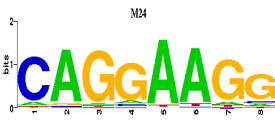

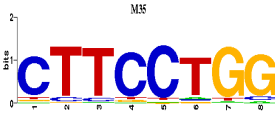
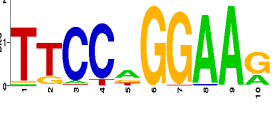
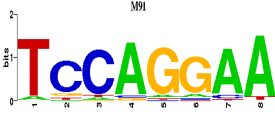
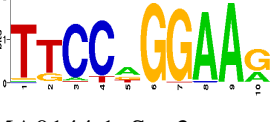
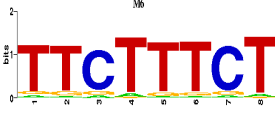

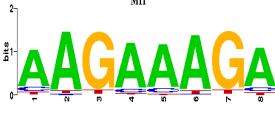

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| <p>M49</p>  <p>M49</p> | <p>MA0320.1_IME1 (E val: 2.1432e-04)</p>  |
| <p>M63</p>  <p>M63</p> | <p>MA0267.1_ACE2 (E val: 1.8148e-04)</p>  |
| <p>M93</p>  <p>M93</p> | <p>MA0144.1_Stat3 (E val: 4.7471e-07)</p>  |
| <p>M50</p>  <p>M50</p> | <p>MA0320.1_IME1 (E val: 4.1278e-04)</p>  |
| <p>M88</p>  <p>M88</p> | <p>MA0162.1_Egr1 (E val: 3.6054e-04)</p>  |
| <p>M71</p>  <p>M71</p> | <p>MA0344.1_NHP10 (E val: 1.1538e-05)</p>  |
| <p>M95</p>  <p>M95</p> | <p>MA0344.1_NHP10 (E val: 7.5835e-09)</p>  |
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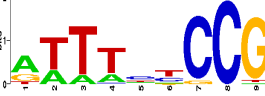


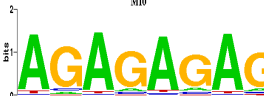
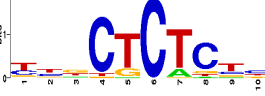
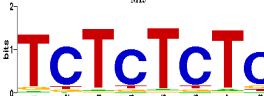
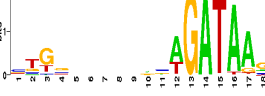

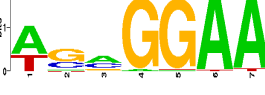
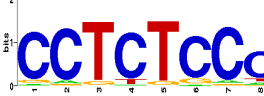
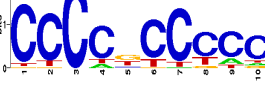
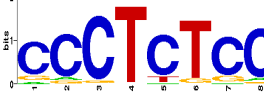
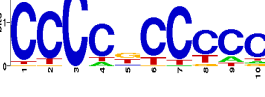
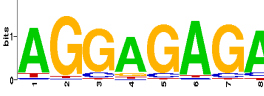

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|  <p>M70</p> |  <p>MA0332.1_MET28 (E val: 1.3597e-04)</p> |
|  <p>M29</p> |  <p>MA0055.1_Myf (E val: 1.8902e-07)</p> |
|  <p>M51</p> |  <p>MA0454.1_odd (E val: 6.7058e-07)</p> |
|  <p>M58</p> |  <p>MA0402.1_SWI5 (E val: 1.8102e-06)</p> |
|  <p>M55</p> |  <p>MA0410.1_UGA3 (E val: 3.7609e-05)</p> |
|  <p>M81</p> |  <p>MA0055.1_Myf (E val: 4.8996e-05)</p> |
|  <p>M62</p> |  <p>MA0055.1_Myf (E val: 2.4923e-04)</p> |
|  <p>M37</p> |  <p>MA0079.2_SP1 (E val: 5.4195e-04)</p> |
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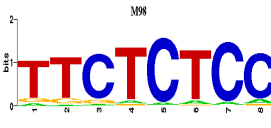

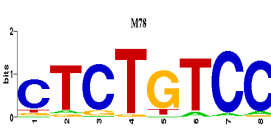

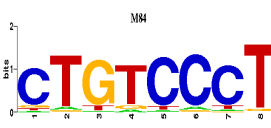
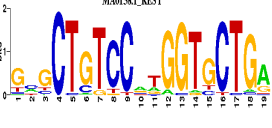
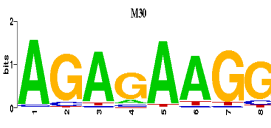
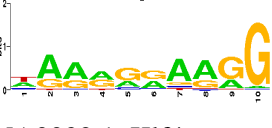
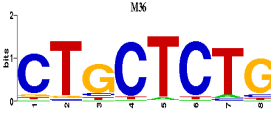

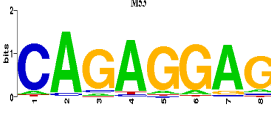
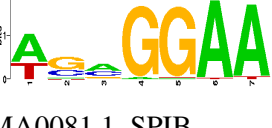
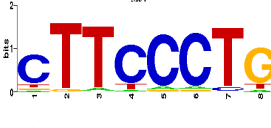

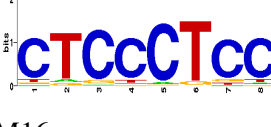

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|  <p>M76</p> |  <p>MA0267.1_ACE2 (E val: 1.8115e-04)</p> |
|  <p>M77</p> |  <p>MA0112.2_ESR1 (E val: 6.4423e-04)</p> |
|  <p>M85</p> |  <p>MA0213.1_brk (E val: 5.5720e-04)</p> |
|  <p>M87</p> |  <p>MA0213.1_brk (E val: 5.4946e-06)</p> |
|  <p>M61</p> |  <p>MA0403.1_TBF1 (E val: 1.0184e-04)</p> |
|  <p>M64</p> |  <p>MA0048.1_NHLH1 (E val: 1.5274e-03)</p> |
|  <p>M65</p> |  <p>MA0055.1_Myf (E val: 1.0177e-04)</p> |
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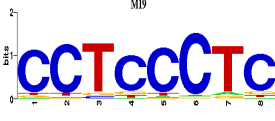
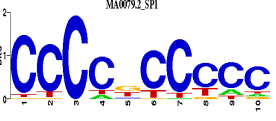
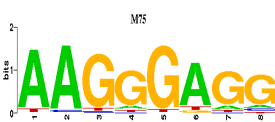
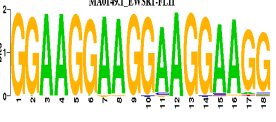
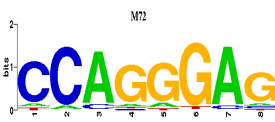
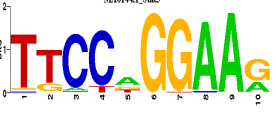
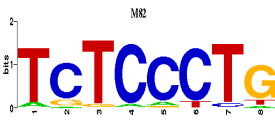
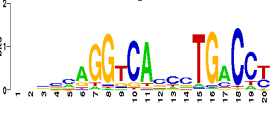
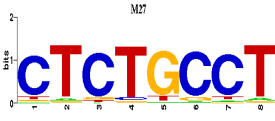

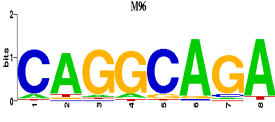

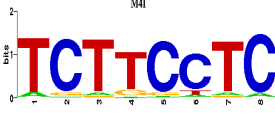

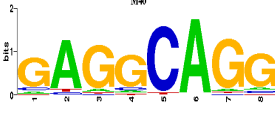

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| <p>M74</p>  | <p>MA0145.1_Tcfp211 (E val: 1.3384e-04)</p>  |
| <p>M3</p>  | <p>MA0039.2_Klf4 (E val: 1.3413e-06)</p>  |
| <p>M13</p>  | <p>MA0073.1_RREB1 (E val: 9.0680e-08)</p>  |
| <p>M59</p>  | <p>MA0162.1_Egr1 (E val: 2.3698e-06)</p>  |
| <p>M86</p>  | <p>MA0450.1_hkb (E val: 3.9008e-09)</p>  |
| <p>M97</p>  | <p>MA0270.1_AFT2 (E val: 2.6582e-06)</p>  |
| <p>M5</p>  | <p>MA0009.1_T (E val: 8.0016e-04)</p>  |
| <p>M14</p>  | <p>MA0359.1_RAP1 (E val: 1.4400e-03)</p>  |
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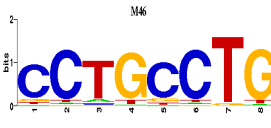

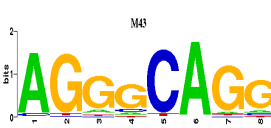
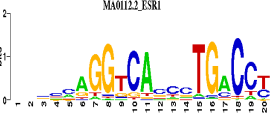
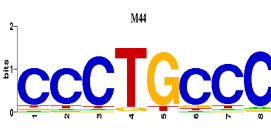
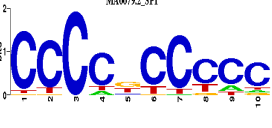
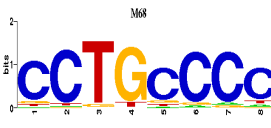
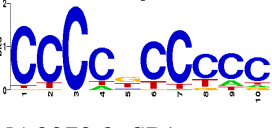
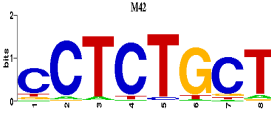
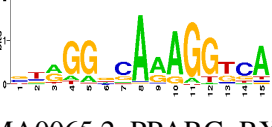
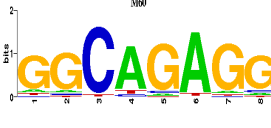
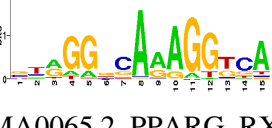
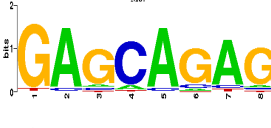


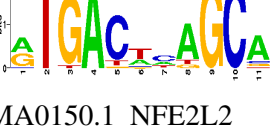
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| <p>M4</p>  <p>M4</p> | <p>MA0277.1_AZF1</p>  <p>MA0277.1_AZF1 (E val: 4.1142e-09)</p> |
| <p>M9</p>  <p>M9</p> | <p>MA0120.1_id1</p>  <p>MA0120.1_id1 (E val: 8.3876e-08)</p> |
| <p>M94</p>  <p>M94</p> | <p>MA0081.1_SPIB</p>  <p>MA0081.1_SPIB (E val: 2.2681e-06)</p> |
| <p>M22</p>  <p>M22</p> | <p>MA0039.1_Klf4</p>  <p>MA0039.1_Klf4 (E val: 4.0484e-07)</p> |
| <p>M31</p>  <p>M31</p> | <p>MA0065.2_PPARG_RXRA</p>  <p>MA0065.2_PPARG_RXRA (E val: 2.9657e-06)</p> |
| <p>M83</p>  <p>M83</p> | <p>MA0152.1_NFATC2</p>  <p>MA0152.1_NFATC2 (E val: 1.8851e-06)</p> |
| <p>M12</p>  <p>M12</p> | <p>MA0149.1_EWSR1-FLI1</p>  <p>MA0149.1_EWSR1-FLI1 (E val: 1.0301e-10)</p> |
| <p>M20</p>  <p>M20</p> | <p>MA0149.1_EWSR1-FLI1</p>  <p>MA0149.1_EWSR1-FLI1 (E val: 1.0440e-10)</p> |
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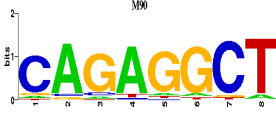

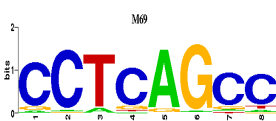

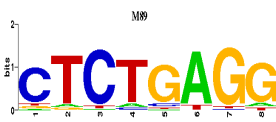

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|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>M23</p> |  <p>MA0149.1_EWSR1-FLI1 (E val: 1.1082e-10)</p> |
|  <p>M48</p> |  <p>MA0149.1_EWSR1-FLI1 (E val: 5.5963e-06)</p> |
|  <p>M52</p> |  <p>MA0366.1_RGM1 (E val: 2.0414e-06)</p> |
|  <p>M24</p> |  <p>MA0156.1_FEV (E val: 2.6231e-08)</p> |
|  <p>M35</p> |  <p>MA0144.1_Stat3 (E val: 6.4272e-12)</p> |
|  <p>M91</p> |  <p>MA0144.1_Stat3 (E val: 3.7018e-12)</p> |
|  <p>M6</p> |  <p>MA0277.1_AZF1 (E val: 1.1615e-07)</p> |
|  <p>M11</p> |  <p>MA0277.1_AZF1 (E val: 8.6773e-06)</p> |
| | |

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|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  <p>M39</p> |  <p>MA0437.1_YPR196W (E val: 1.2380e-07)</p> |
|  <p>M66</p> |  <p>MA0039.1_Klf4 (E val: 1.7022e-05)</p> |
|  <p>M10</p> |  <p>MA0205.1_Trl (E val: 3.3899e-03)</p> |
|  <p>M15</p> |  <p>MA0140.1_Tal1_Gata1 (E val: 2.6239e-03)</p> |
|  <p>M38</p> |  <p>MA0081.1_SPIB (E val: 4.0499e-06)</p> |
|  <p>M26</p> |  <p>MA0079.2_SPI1 (E val: 6.3766e-06)</p> |
|  <p>M32</p> |  <p>MA0079.2_SPI1 (E val: 1.1761e-05)</p> |
|  <p>M34</p> |  <p>MA0354.1_PDR8 (E val: 6.6259e-04)</p> |
| | |

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|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>M98</p> |  <p>MA0432.1_YNR063W (E val: 6.6903e-04)</p> |
|  <p>M78</p> |  <p>MA0207.1_achi (E val: 2.9489e-05)</p> |
|  <p>M84</p> |  <p>MA0138.1_REST (E val: 2.3420e-05)</p> |
|  <p>M30</p> |  <p>MA0039.1_Klf4 (E val: 5.0752e-05)</p> |
|  <p>M36</p> |  <p>MA0451.1_kni (E val: 1.2019e-04)</p> |
|  <p>M53</p> |  <p>MA0081.1_SPIB (E val: 5.3018e-06)</p> |
|  <p>M54</p> |  <p>MA0039.1_Klf4 (E val: 3.9366e-05)</p> |
|  <p>M16</p> |  <p>MA0410.1_UGA3 (E val: 2.2184e-05)</p> |
| | |

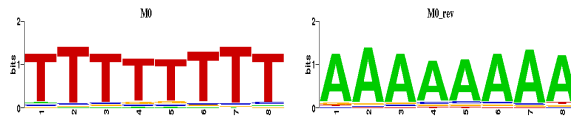
| | |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>M19</p> |  <p>MA0079.2_SPI (E val: 7.6904e-06)</p> |
|  <p>M75</p> |  <p>MA0149.1_EWSR1-FLI1 (E val: 4.7474e-06)</p> |
|  <p>M72</p> |  <p>MA0144.1_Stat3 (E val: 9.9434e-07)</p> |
|  <p>M82</p> |  <p>MA0112.2_ESR1 (E val: 1.7414e-05)</p> |
|  <p>M27</p> |  <p>MA0283.1_CHA4 (E val: 2.6953e-05)</p> |
|  <p>M96</p> |  <p>MA0340.1_MOT3 (E val: 2.3799e-05)</p> |
|  <p>M41</p> |  <p>MA0080.2_SPI1 (E val: 2.3718e-07)</p> |
|  <p>M40</p> |  <p>MA0340.1_MOT3 (E val: 2.4747e-04)</p> |
| | |

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|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>M46</p> |  <p>MA0340.1_MOT3 (E val: 2.7116e-05)</p> |
|  <p>M43</p> |  <p>MA0112.2_ESR1 (E val: 8.2280e-06)</p> |
|  <p>M44</p> |  <p>MA0079.2_SP1 (E val: 1.1430e-06)</p> |
|  <p>M68</p> |  <p>MA0079.2_SP1 (E val: 1.3814e-06)</p> |
|  <p>M42</p> |  <p>MA0065.2_PPARG_RXRA (E val: 8.3101e-05)</p> |
|  <p>M60</p> |  <p>MA0065.2_PPARG_RXRA (E val: 1.2502e-07)</p> |
|  <p>M67</p> |  <p>MA0326.1_MAC1 (E val: 2.2289e-05)</p> |
|  <p>M45</p> |  <p>MA0150.1_NFE2L2 (E val: 5.0019e-04)</p> |
| | |

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|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>M90</p> |  <p>MA0364.1_REI1 (E val: 1.4460e-03)</p> |
|  <p>M69</p> |  <p>MA0283.1_CHA4 (E val: 4.6431e-05)</p> |
|  <p>M89</p> |  <p>MA0332.1_MET28 (E val: 9.9371e-05)</p> |


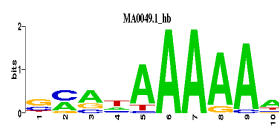
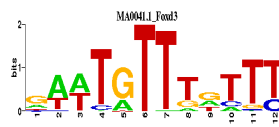
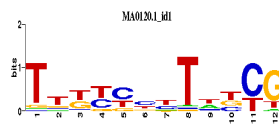

Motif Similarity Matches

M0

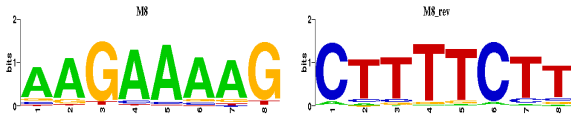


forward

reverse compliment

| Name | E value | Alignment | Motif |
|----------------|------------|----------------------------------|---------------------------------------------------------------------------------------|
| MA0277.1_AZF1 | 6.4616e-08 | -TTTTTTTT TTTCTTTTT |  |
| MA0049.1_hb | 3.0652e-06 | -TTTTTTTT- NTTTTTNYKS |  |
| MA0041.1_Foxd3 | 7.8602e-05 | AAAAAAA---- AAANAAACAWTN |  |
| MA0120.1_id1 | 4.3070e-04 | ----AAAAAAA CGNNANRRMNA |  |
| MA0010.1_br_Z1 | 1.1997e-03 | -TTTTTTTT----- NWYTTGTYTATNAN |  |

M8

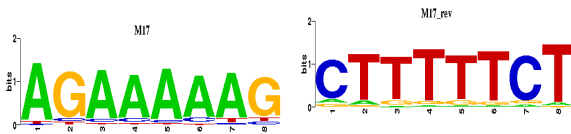


forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|-----------------|----------------|----------------------------|--------------|
| MA0277.1_AZF1 | 6.9294e-06 | CTTTTCTT--- --TTTCTTTT | |
| MA0039.1_Klf4 | 1.2163e-05 | CTTTTCTT-- CCTTYYYTTN | |
| MA0287.1_CUP2 | 8.2616e-05 | CTTTTCTT--- CWTTYTGCTG | |
| MA0152.1_NFATC2 | 1.8013e-04 | AAGAAAAG TGGAAA-- | |
| MA0035.2_Gata1 | 4.5622e-04 | --CTTTTCTT- NNNTTATCTNN | |


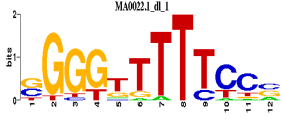
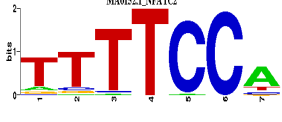
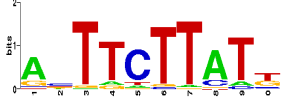
M17



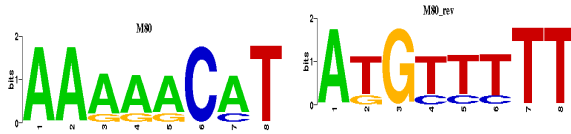
forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|---------------------------|--------------|
| MA0277.1_AZF1 | 9.1120e-06 | ---CTTTTTCT TTTCTTTT-- | |




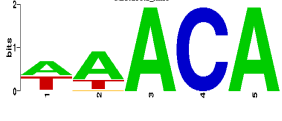

| | | | |
|-----------------|------------|------------------------------|-------------------------------------------------------------------------------------|
| MA0294.1_EDS1 | 1.0568e-05 | CTTTTCT- NTTNTCCN |  |
| MA0022.1_dl_1 | 1.3612e-04 | -AGAAAAAG--- NGGAAAAACCCS |  |
| MA0152.1_NFATC2 | 1.8561e-04 | -AGAAAAAG TGGAAAA-- |  |
| MA0127.1_PEND | 3.1248e-04 | -AGAAAAAG- MATAAGAANT |  |

M80

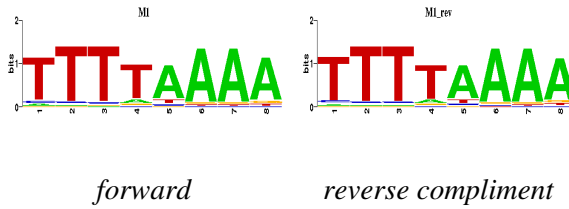


forward

reverse compliment

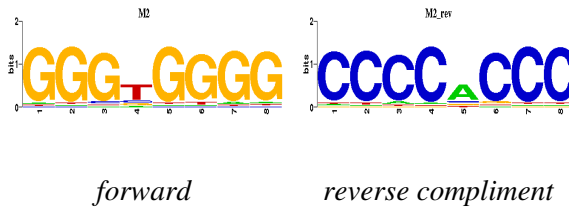
| Name | E value | Alignment | Motif |
|----------------|------------|------------------------------|---------------------------------------------------------------------------------------|
| MA0417.1_YAP5 | 1.1655e-06 | ATGTTTTT ATGCTT-- |  |
| MA0041.1_Foxd3 | 5.6994e-06 | --AAAAACAT-- AAANAAACAWTN |  |
| MA0277.1_AZF1 | 6.7854e-05 | -ATGTTTTT TTTCTTTTT |  |
| MA0233.1_mirr | 2.2919e-04 | AAAAACAT --WAACA- |  |
| MA0022.1_dl_1 | 2.6514e-04 | ---AAAAACAT- NGGAAAAACCCS |  |

M1



| Name | E value | Alignment | Motif |
|------------------|------------|----------------------------------|-------|
| MA0151.1_ARID3A | 7.1741e-05 | TTTTAAAA -TTTAAAT- | |
| MA0218.1_ct | 1.3278e-03 | TTTTAAAA GTTYAA-- | |
| MA0173.1_CG11617 | 1.5729e-03 | TTTTAAAA- --TTWACAT | |
| MA0108.1_TBP | 1.6205e-03 | -----TTTTAAAA NNNNNNYWTTTATAN | |
| MA0108.2_TBP | 1.6250e-03 | -----TTTTAAAA NNNNNNYWTTTATAN | |

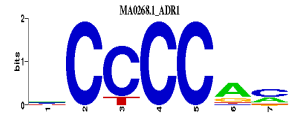
M2



| Name | E value | Alignment | Motif |
|------------------|------------|--------------------------|-------|
| MA0039.2_Klf4 | 5.7690e-10 | -CCCCACCC- GCCMCRCCCN | |
| MA0436.1_YPR022C | 2.1035e-07 | CCCCACCC CCCCACN- | |

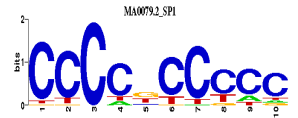
MA0268.1_ADR1 9.3286e-07

GGGTGGGG-
--KTGGGGN



MA0079.2_SP1 3.6478e-06

--GGGTGGGG
GGGGGNGGGG

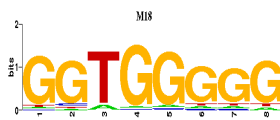


MA0373.1_RPN4 3.7165e-06

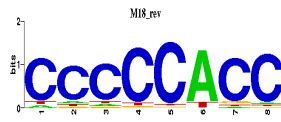
CCCCACCC
CGCCACC-



M18



forward



reverse complement

Name

E value

Alignment

Motif

MA0436.1_YPR022C 2.1246e-07

GGTGGGGG
NGTGGGG-



MA0140.1_Tal1_Gata1 6.1014e-07

-----CCCCACCC--
NTTATCTNNNNNNNNC



MA0268.1_ADR1 1.0189e-06

CCCCACCC
NCCCCAM-



MA0039.2_Klf4 3.6435e-06

--GGTGGGGG
NGGGYGKGGC

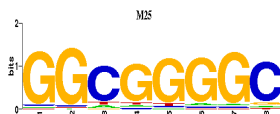


MA0373.1_RPN4 4.2185e-06

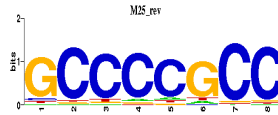
CCCCACCC
-CGCCACC



M25



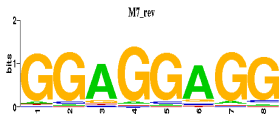
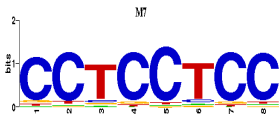
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|----------------------------|--------------|
| MA0039.2_Klf4 | 2.5074e-09 | GCCCCGCC-- GCCMCRCCCN | |
| MA0079.2_SP1 | 1.4037e-07 | ---GGCGGGGC GGGGGNGGGG- | |
| MA0079.1_SP1 | 2.0944e-07 | GCCCCGCC-- ACCCNGCCNN | |
| MA0399.1_SUT1 | 6.0146e-07 | GCCCCGCC -CCCCGC | |
| MA0338.1_MIG2 | 8.5509e-07 | GGCGGGGC NGYGGGG- | |

M7



forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------------|----------------|--------------------------|--------------|
| MA0079.2_SP1 | 9.3231e-07 | GGAGGAGG-- GGGGGNGGGG | |
| MA0283.1_CHA4 | 3.2064e-05 | CCTCCTCC NCTCCGCC | |

Stamp Results

10/01/13

MA0062.1_GABPA 3.7556e-04

CCTCCTCC---
-SNCTTCCGGT



MA0081.1_SPIB 8.4261e-04

GGAGGAGG
ASMGGAA-

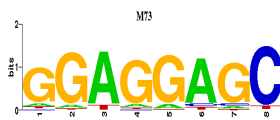


MA0080.2_SPI1 8.5270e-04

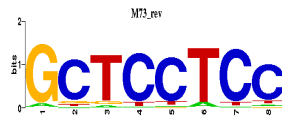
GGAGGAGG-
--AGGAAGT



M73



forward



reverse complement

Name

E value

Alignment

Motif

MA0283.1_CHA4 4.8780e-05

GCTCCTCC
NCTCCGCC



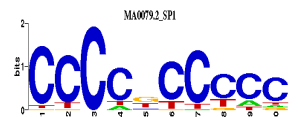
MA0062.1_GABPA 2.8137e-04

GCTCCTCC---
-SNCTTCCGGT



MA0079.2_SP1 5.6947e-04

GGAGGAGC--
GGGGNGGGG



MA0090.1_TEAD1 9.4214e-04

-GGAGGAGC---
CNSWGAATGTR

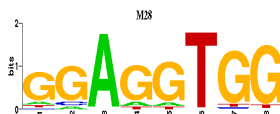


MA0081.1_SPIB 1.2028e-03

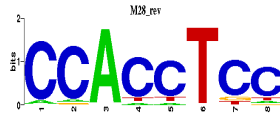
GCTCCTCC
-TTCKST



M28



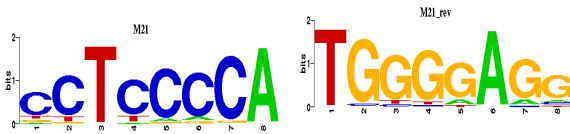
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|----------------------------|--------------|
| MA0086.1_sna | 1.8141e-05 | CCACCTCC -CACCTG- | |
| MA0103.1_ZEB1 | 2.3000e-05 | CCACCTCC -CACCTN- | |
| MA0062.2_GABPA | 1.7810e-04 | --GGAGGTGG- CCGGAAGTGNN | |
| MA0373.1_RPN4 | 2.0843e-04 | --CCACCTCC CGCCACC--- | |
| MA0080.2_SPI1 | 6.4544e-04 | CCACCTCC- --ACTTCCT | |


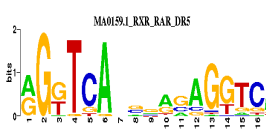
M21



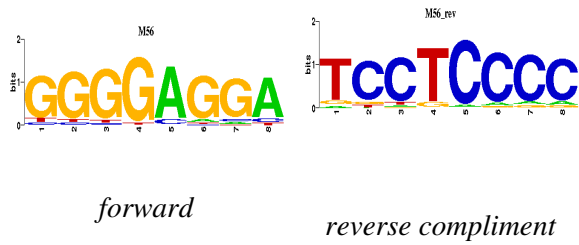
forward

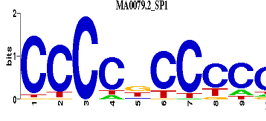
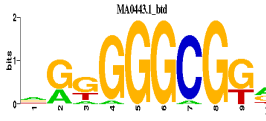



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|-------------------|----------------|-------------------------|--------------|
| MA0079.2_SPI1 | 1.5102e-06 | TGGGGAGG-- GGGGNGGGG | |
| MA0056.1_MZF1_1-4 | 2.2579e-05 | CCTCCCCA --TCCCN | |

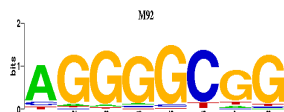
| | | | |
|----------------------|------------|---------------------------------------|-------------------------------------------------------------------------------------|
| MA0436.1_YPR022C | 1.8916e-04 | --TGGGGAGG NGTGGGG--- |  |
| MA0268.1_ADR1 | 2.4144e-04 | CCTCCCCA-- --NCCCCAM |  |
| MA0159.1_RXR_RAR_DR5 | 2.5532e-04 | ---CCTCCCCA----- TGACCTNYNNNTGAMCY |  |

M56

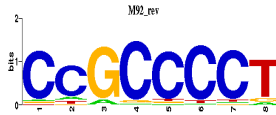


| Name | E value | Alignment | Motif |
|-------------------|------------|---------------------------|---------------------------------------------------------------------------------------|
| MA0079.2_SP1 | 8.0927e-07 | -GGGGAGGA- GGGGNGGGG |  |
| MA0443.1_btd | 1.3999e-06 | --GGGGAGGA NGKGGCGGR |  |
| MA0056.1_MZF1_1-4 | 2.2237e-05 | TCCTCCCC- ---TCCCN |  |
| MA0081.1_SPIB | 6.9515e-04 | GGGGAGGA- --ASMGAA |  |
| MA0344.1_NHP10 | 7.3356e-04 | ---GGGGAGGA NCCGGGA--- |  |

M92



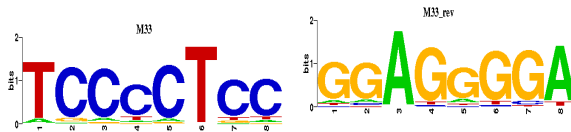
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|------------------------|--------------|
| MA0443.1_btd | 2.7793e-08 | -CCGCCCT- YCCGCCMCN | |
| MA0079.2_SP1 | 3.6915e-07 | --CCGCCCT CCCCNCCCC | |
| MA0366.1_RGM1 | 1.9021e-06 | CCGCCCT ---CCCCT | |
| MA0342.1_MSN4 | 2.3608e-06 | CCGCCCT ---CCCCT | |
| MA0341.1_MSN2 | 7.6495e-06 | CCGCCCT ---CCCCT | |

M33






forward

reverse compliment

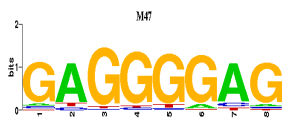
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|---------------------------|--------------|
| MA0079.2_SP1 | 8.1054e-07 | ---GGAGGGGA GGGGGNGGG- | |
| MA0366.1_RGM1 | 1.8728e-06 | TCCCCTCC -CCCCT-- | |

Stamp Results

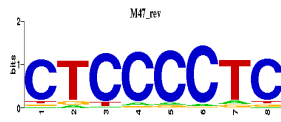
10/01/13

| | | | |
|-------------------|------------|----------------------|-------------------------------------------------------------------------------------|
| MA0342.1_MSN4 | 2.0191e-06 | TCCCCTCC -CCCCT-- |  |
| MA0341.1_MSN2 | 5.3150e-06 | TCCCCTCC -CCCCT-- |  |
| MA0056.1_MZF1_1-4 | 1.9847e-05 | TCCCCTCC TCCCN-- |  |




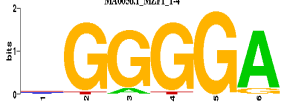

M47



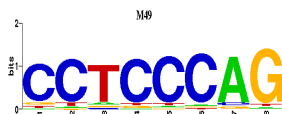
forward



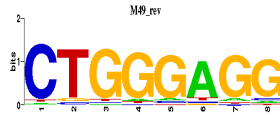
reverse complement

| Name | E value | Alignment | Motif |
|-------------------|------------|---------------------------|---------------------------------------------------------------------------------------|
| MA0366.1_RGM1 | 1.9254e-06 | CTCCCCTC --CCCCT-- |  |
| MA0342.1_MSN4 | 2.3744e-06 | CTCCCCTC --CCCCT-- |  |
| MA0341.1_MSN2 | 7.7167e-06 | CTCCCCTC --CCCCT-- |  |
| MA0056.1_MZF1_1-4 | 2.2484e-05 | CTCCCCTC -TCCCN-- |  |
| MA0431.1_YML081W | 1.6431e-04 | --GAGGGGAG NWGNGGGGN-- |  |

M49



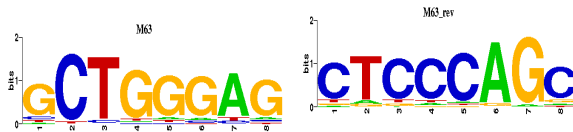
forward



reverse compliment

| Name | E value | Alignment | Motif |
|-----------------|------------|-----------------------------------------|-------|
| MA0320.1_IME1 | 2.1432e-04 | CCTCCCAG CCGCCGAG | |
| MA0079.2_SP1 | 4.5928e-04 | CTGGGAGG-- GGGGNGGGG | |
| MA0088.1_znf143 | 9.6714e-04 | --CCTCCCAG----- NNNNTCCCAKNNTKCMNNGM | |
| MA0162.1_Egr1 | 1.5380e-03 | CCTCCCAG--- MCGCCCACGCN | |
| MA0344.1_NHP10 | 2.9062e-03 | CCTCCCAG-- --TCCCAGN | |

M63



forward

reverse compliment

| Name | E value | Alignment | Motif |
|-----------------|------------|------------------------------------------|-------|
| MA0267.1_ACE2 | 1.8148e-04 | CTCCCAGC- --NCCAGCN | |
| MA0088.1_znf143 | 3.0553e-04 | -----GCTGGGAG--- KCNNKGMANNMTGGGANNNN | |

Stamp Results

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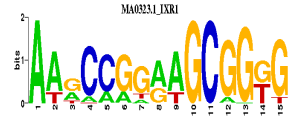
MA0402.1_SWI5 6.2312e-04

CTCCCAGC-
-NACCAGCA



MA0323.1_IXR1 1.3717e-03

-----CTCCCAGC--
CMCCGCTTCCGGYTT

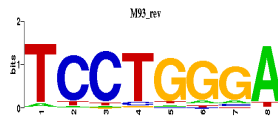
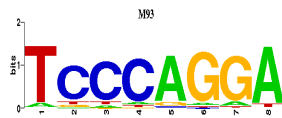


MA0344.1_NHP10 2.8205e-03

CTCCCAGC
TCCCCGGN



M93



forward

reverse compliment

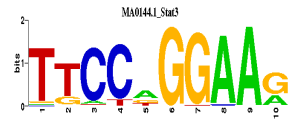
Name *E value*

MA0144.1_Stat3 4.7471e-07

Alignment

TCCCAGGA--
TTCCNGGAAG

Motif



MA0344.1_NHP10 1.3888e-05

TCC TGGGA
NCCGGGA



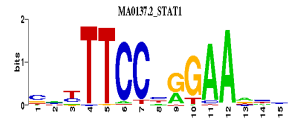
MA0353.1_PDR3 1.1265e-04

TCCCAGGA
TCCGCGGA



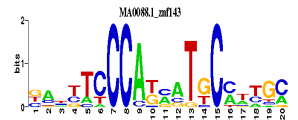
MA0137.2_STAT1 2.1806e-04

---TCCCAGGA---
NNNTTCCNGGAARN

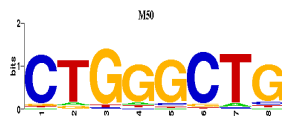


MA0088.1_znf143 2.3572e-04

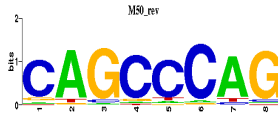
-----TCCTGGGA-----
KCNKGMANNMTGGGANNNN



M50



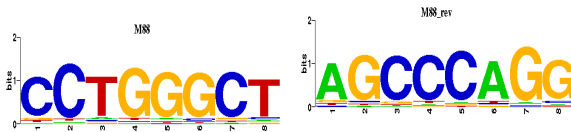
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|-------------------|----------------|----------------------------------|--------------|
| MA0320.1_IME1 | 4.1278e-04 | CTGGGCTG CTCGGCGG | |
| MA0368.1_RIM101 | 9.2033e-04 | CTGGGCTG CTTGGCR- | |
| MA0162.1_Egr1 | 3.3746e-03 | CAGCCCAG--- MCGCCCACGCN | |
| MA0083.1_SRF | 9.4342e-03 | -----CTGGGCTG CCATATATGGGC-- | |
| MA0145.1_Tcfcp211 | 9.5545e-03 | -----CTGGGCTG- CYGGNTNNRNCYGG | |

M88



forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|----------------------------|--------------|
| MA0162.1_Egr1 | 3.6054e-04 | -AGCCCAGG-- MCGCCCACGCN | |
| MA0154.1_EBF1 | 8.1288e-04 | AGCCCAGG-- NCCCNAGGGA | |

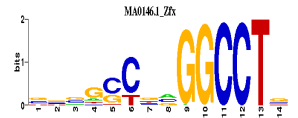
MA0368.1_RIM101 9.7673e-04

AGCCCAGG
YGCCAAG-



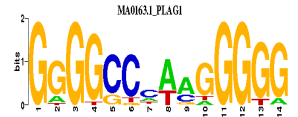
MA0146.1_Zfx 1.2492e-03

----CCTGGGCT--
NAGGCCNNGGCNNN

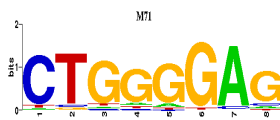


MA0163.1_PLAG1 1.6737e-03

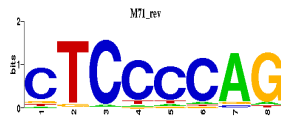
----CCTGGGCT--
CCCCCTTNGGCCCC



M71



forward



reverse compliment

Name

E value

Alignment

Motif

MA0344.1_NHP10 1.1538e-05

CTCCCCAG--
-TCCCCGNN



MA0056.1_MZF1_1-4 1.9942e-05

CTGGGGAG
-NGGGGA-



MA0332.1_MET28 1.6895e-04

CTCCCCAG
--CCACAG



MA0268.1_ADR1 1.9963e-04

CTGGGGAG
KTGGGGN-

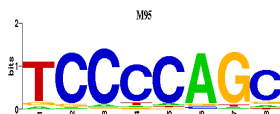


MA0436.1_YPR022C 2.1927e-04

-CTGGGGAG
NGTGGGG--



M95



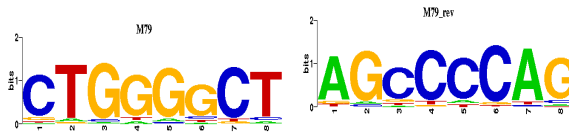
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------------|----------------|-------------------------------------|--------------|
| MA0344.1_NHP10 | 7.5835e-09 | GCTGGGGA NCCGGGGA | |
| MA0056.1_MZF1_1-4 | 2.0972e-05 | TCCCCAGC TCCCN-- | |
| MA0332.1_MET28 | 1.7188e-04 | TCCCCAGC -CCACAG- | |
| MA0140.1_Tal1_Gata1 | 1.7416e-04 | -----TCCCCAGC-- NTTATCTNNNNNNNNC | |
| MA0267.1_ACE2 | 1.7588e-04 | -GCTGGGGA NGCTGGN-- | |

M79



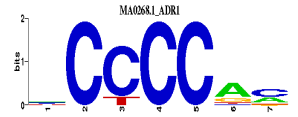
forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|----------------------|--------------|
| MA0213.1_brk | 2.1618e-05 | AGCCCCAG RGCGCCRS | |
| MA0332.1_MET28 | 1.3057e-04 | AGCCCCAG --CCACAG | |

MA0268.1_ADR1 2.1649e-04

AGCCCCAG
-NCCCCAM



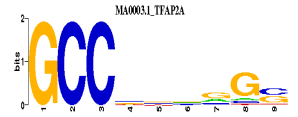
MA0436.1_YPR022C 2.3470e-04

AGCCCCAG-
--CCCCACN

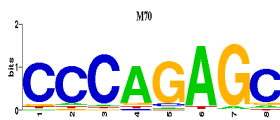


MA0003.1_TFAP2A 3.1799e-04

--CTGGGGCT
SCNNNNGGC-



M70



forward



reverse compliment

Name

E value

Alignment

Motif

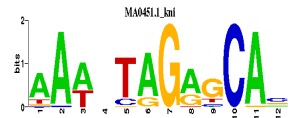
MA0332.1_MET28 1.3597e-04

CCCAGAGC
-CCACAG-



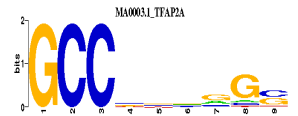
MA0451.1_kni 3.6963e-04

--GCTCTGGG--
NTGCTCTANTTT



MA0003.1_TFAP2A 1.0479e-03

-CCCAGAGC
SCNNNNGGC



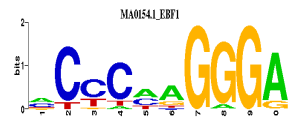
MA0362.1_RDS2 1.3420e-03

CCCAGAGC
CCCCGAN-

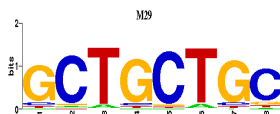


MA0154.1_EBF1 2.8239e-03

--CCCAGAGC
NCCCNAGGGA



M29



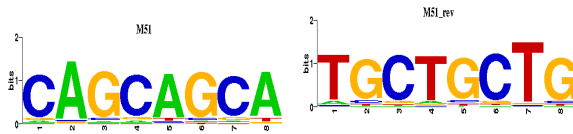
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|-------------------------------|--------------|
| MA0055.1_Myf | 1.8902e-07 | --GCTGCTGC-- CAGCAGYTGCYK | |
| MA0048.1_NHLH1 | 3.8753e-07 | --GCTGCTGC-- NCGCAGCTGCGN | |
| MA0454.1_odd | 2.7534e-04 | --GCTGCTGC-- NTGCTACTGTN | |
| MA0402.1_SWI5 | 8.2414e-04 | --GCAGCAGC NACCAGCA-- | |
| MA0287.1_CUP2 | 1.1040e-03 | ----GCTGCTGC CWTTTYTGCTG-- | |

M51



forward

reverse compliment

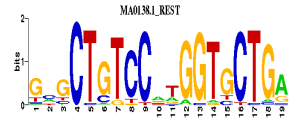
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|--------------|----------------|------------------------------|--------------|
| MA0454.1_odd | 6.7058e-07 | -TGCTGCTG-- NTGCTACTGTN | |
| MA0055.1_Myf | 5.0789e-06 | ----TGCTGCTG CAGCAGYTGCYK | |

Stamp Results

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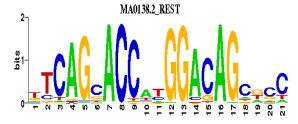
MA0138.1_REST 5.2313e-06

-CAGCAGCA-----
TCAGCACCWNGGACAGCNC



MA0138.2_REST 8.4384e-06

-----TGCTGCTG--
GNNGCTGTCCNNGGTGCTGAN

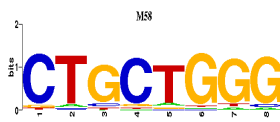


MA0402.1_SWI5 2.5033e-05

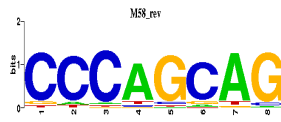
CAGCAGCA
NACCAGCA



M58



forward



reverse compliment

Name

E value

Alignment

Motif

MA0402.1_SWI5 1.8102e-06

-CCCAGCAG
NACCAGCA-



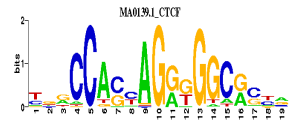
MA0267.1_ACE2 1.8446e-04

CTGCTGGG
-NGCTGGN



MA0139.1_CTCF 2.5759e-04

-----CTGCTGGG--
NNSYGCCMCTRSTGGNNR



MA0150.1_NFE2L2 4.5376e-04

CTGCTGGG----
-TGCTNWGTCAY

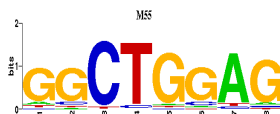


MA0055.1_Myf 6.4396e-04

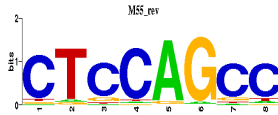
CCCAGCAG-----
--CAGCAGYTGCYK



M55



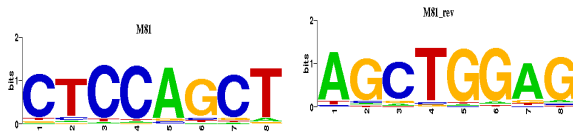
forward



reverse compliment

| Name | E value | Alignment | Motif |
|------------------|------------|--------------------------------------|-------|
| MA0410.1_UGA3 | 3.7609e-05 | -GGCTGGAG NGGCGGGA- | |
| MA0267.1_ACE2 | 1.7821e-04 | GGCTGGAG NGCTGGN- | |
| MA0402.1_SWI5 | 6.3128e-04 | GGCTGGAG TGCTGGTN | |
| MA0130.1_ZNF354C | 1.0155e-03 | GGCTGGAG --GTGGAK | |
| MA0290.1_DAL81 | 1.7325e-03 | -CTCCAGCC----- AATCCCGCCCGCGCTTTT | |

M81




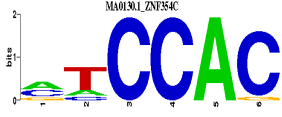
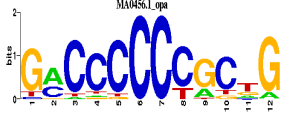
forward

reverse compliment

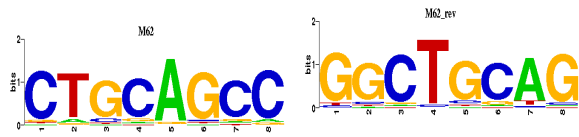
| Name | E value | Alignment | Motif |
|---------------|------------|-------------------------------|-------|
| MA0055.1_Myf | 4.8996e-05 | CTCCAGCT---- CAGCAGYTG CYK | |
| MA0267.1_ACE2 | 1.7670e-04 | CTCCAGCT -NCCAGCN | |

Stamp Results

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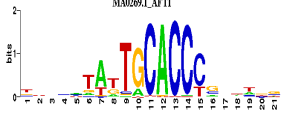
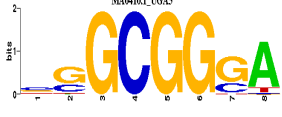

| | | | |
|------------------|------------|-----------------------------|-------------------------------------------------------------------------------------|
| MA0402.1_SWI5 | 6.2315e-04 | CTCCAGCT NACCAGCA |  |
| MA0130.1_ZNF354C | 9.7241e-04 | AGCTGGAG --GTGGAK |  |
| MA0456.1_opa | 2.7586e-03 | -AGCTGGAG--- CNGCGGGGGGK |  |

M62

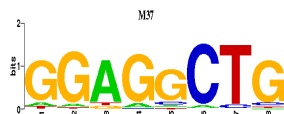


forward

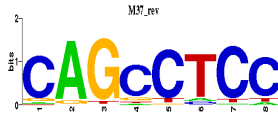
reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|---------------------------------------------|---------------------------------------------------------------------------------------|
| MA0055.1_Myf | 2.4923e-04 | CTGCAGCC---- CAGCAGYTGCK |  |
| MA0385.1_SOK2 | 8.8521e-04 | -GGCTGCAG-- NNNMTGCAKNN |  |
| MA0269.1_AFT1 | 2.9190e-03 | -----CTGCAGCC----- NNNNNTAKTGCACCCNNNNNN |  |
| MA0410.1_UGA3 | 3.1120e-03 | CTGCAGCC- -TCCCGCCN |  |
| MA0260.1_che-1 | 3.9734e-03 | CTGCAGCC --GAARCC |  |

M37



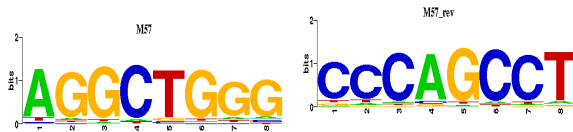
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|-----------------------------|--------------|
| MA0079.2_SP1 | 5.4195e-04 | GGAGGCTG-- GGGGNGGGG | |
| MA0412.1_UME6 | 6.3926e-04 | --GGAGGCTG--- TSGGCGGCTA | |
| MA0305.1_GCR2 | 1.0143e-03 | -GGAGGCTG NGGAAGC-- | |
| MA0373.1_RPN4 | 1.3596e-03 | CAGCCTCC -CGCCACC | |
| MA0443.1_btd | 1.9200e-03 | -CAGCCTCC- YCCGCCMCN | |

M57



forward

reverse compliment

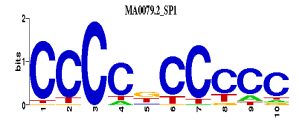
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|--------------------------|--------------|
| MA0079.1_SP1 | 4.4793e-05 | -CCCAGCCT- ACCCNGCCNN | |
| MA0267.1_ACE2 | 1.7505e-04 | AGGCTGGG -NGCTGGN | |

Stamp Results

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MA0079.2_SP1 3.2457e-04

--AGGCTGGG
GGGGGNGGGG



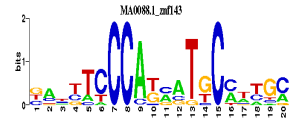
MA0402.1_SWI5 5.7941e-04

-CCCAGCCT
NACCAGCA-

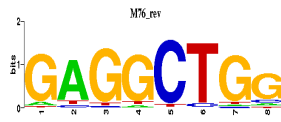
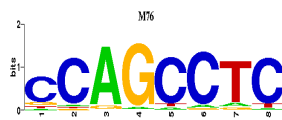


MA0088.1_znf143 1.1201e-03

-----AGGCTGGG-----
KCNNKGMANNMTGGGANNNN



M76



forward

reverse compliment

Name

E value

Alignment

Motif

MA0267.1_ACE2 1.8115e-04

GAGGCTGG-
--NGCTGGN



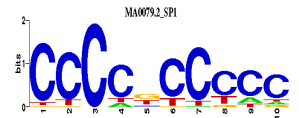
MA0402.1_SWI5 6.3080e-04

--CCAGCCTC
NACCAGCA--



MA0079.2_SP1 1.2538e-03

-GAGGCTGG-
GGGGGNGGGG



MA0410.1_UGA3 6.8100e-03

-CCAGCCTC
TCCCGCCN-

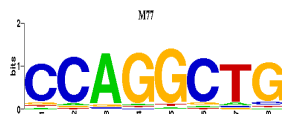


MA0285.1_CRZ1 7.3201e-03

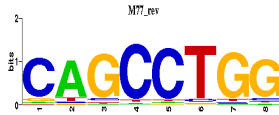
GAGGCTGG-
GNGGCTNNN



M77



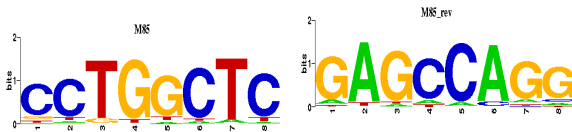
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|------------------------------------------|--------------|
| MA0112.2_ESR1 | 6.4423e-04 | ---CCAGGCTG----- RGGTCANNNTGACCTNNNNN | |
| MA0144.1_Stat3 | 1.3062e-03 | CAGCCTGG-- CTTCNGGAA | |
| MA0344.1_NHP10 | 3.3081e-03 | --CCAGGCTG TCCCCGN-- | |
| MA0456.1_opa | 4.2339e-03 | CAGCCTGG---- CNGCGGGGGKC | |
| MA0138.1_REST | 5.7622e-03 | -----CCAGGCTG---- GNGCTGTCNWGGTGCTGA | |

M85



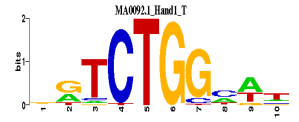
forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|-----------------|----------------|------------------------|--------------|
| MA0213.1_brk | 5.5720e-04 | CCTGGCTC- -SYGGCGCY | |
| MA0368.1_RIM101 | 9.3655e-04 | CCTGGCTC CTTGGCR- | |

MA0092.1_Hand1_T 1.5845e-03

GAGCCAGG--
NWNCCAGAYN



MA0326.1_MAC1 2.5354e-03

-GAGCCAGG
YGAGCAA-

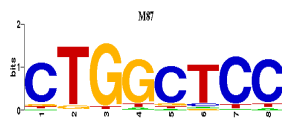


MA0099.2_API 2.5969e-03

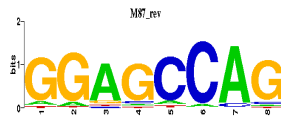
-GAGCCAGG
TGAGTCA--



M87



forward



reverse complement

Name

E value

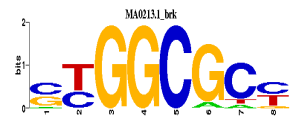
Alignment

Motif

MA0213.1_brk

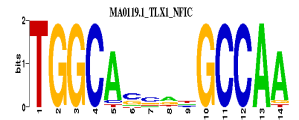
5.4946e-06

CTGGCTCC
SYGGCGCY



MA0119.1_TLX1_NFIC 2.0038e-03

-----GGAGCCAG
TTGGCNNNSTGCCA-



MA0326.1_MAC1 2.6815e-03

GGAGCCAG
YGAGCAA



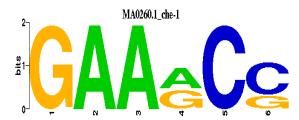
MA0092.1_Hand1_T 2.6853e-03

GGAGCCAG---
-NWNCCAGAYN

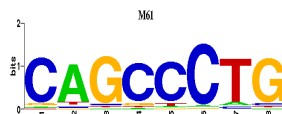


MA0260.1_che-1 2.8484e-03

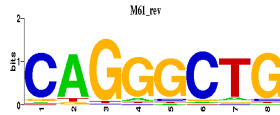
CTGGCTCC
--GGYTTC



M61



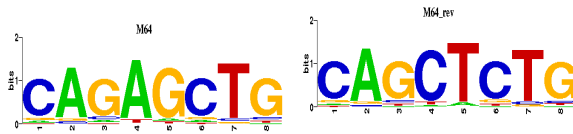
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|------------------------|--------------|
| MA0403.1_TBF1 | 1.0184e-04 | -CAGGGCTG NTAGGGYT- | |
| MA0364.1_REI1 | 1.7449e-04 | -CAGGGCTG NCAGGG-- | |
| MA0366.1_RGM1 | 1.8145e-03 | CAGCCCTG --CCCCT- | |
| MA0342.1_MSN4 | 1.9646e-03 | CAGCCCTG --CCCCT- | |
| MA0341.1_MSN2 | 3.7230e-03 | CAGCCCTG --CCCCT- | |

M64



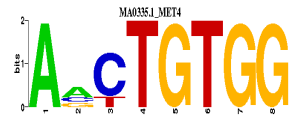
forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|------------------------------|--------------|
| MA0048.1_NHLH1 | 1.5274e-03 | -CAGAGCTG--- NCGCAGCTGCGN | |
| MA0389.1_SRD1 | 3.7131e-03 | -CAGAGCTG NNAGATCT- | |

MA0335.1_MET4 3.8636e-03

-CAGAGCTG
CCACAGNT-



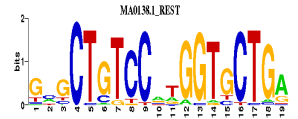
MA0121.1_ARR10 9.5792e-03

-CAGCTCTG
NMRNATCT-

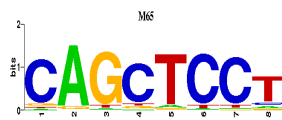


MA0138.1_REST 1.0037e-02

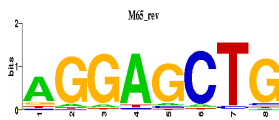
CAGAGCTG-----
--GNGCTGTCCNWGGTGCTGA



M65



forward



reverse complement

Name

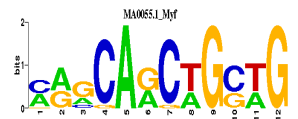
E value

Alignment

Motif

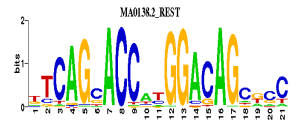
MA0055.1_Myf 1.0177e-04

---CAGCTCCT-
CAGCAGYTGCYK



MA0138.2_REST 1.0641e-04

AGGAGCTG-----
-GNNGCTGTCCNNGGTGCTGAN



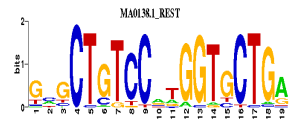
MA0048.1_NHLH1 3.9194e-04

-AGGAGCTG---
NCGCAGCTGCGN



MA0138.1_REST 1.3362e-03

-----AGGAGCTG-
GNGCTGTCCNWGGTGCTGA

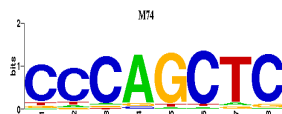


MA0354.1_PDR8 2.8664e-03

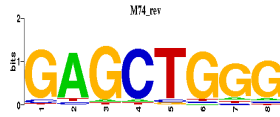
CAGCTCCT-
-ATCTCCGN



M74



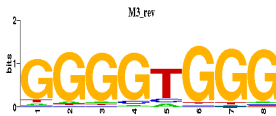
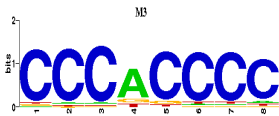
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|-------------------|----------------|----------------------------------|--------------|
| MA0145.1_Tcfcp2l1 | 1.3384e-04 | -----GAGCTGGG CYGGNTNNRNCYGG- | |
| MA0267.1_ACE2 | 1.7798e-04 | GAGCTGGG -NGCTGGN | |
| MA0048.1_NHLH1 | 3.3313e-04 | -CCCAGCTC--- NCGCAGCTGCGN | |
| MA0402.1_SWI5 | 5.6299e-04 | -CCCAGCTC NACCAGCA- | |
| MA0456.1_opa | 8.4653e-04 | GAGCTGGG---- CNGCGGGGGGKC | |

M3



forward

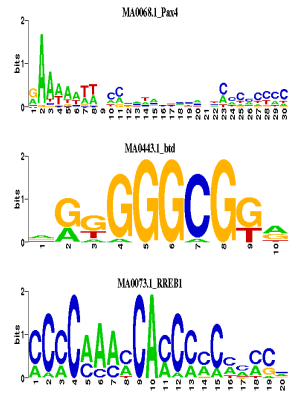
reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|-------------------------|--------------|
| MA0039.2_Klf4 | 1.3413e-06 | GGGGTGGG-- NGGYGKGGC | |
| MA0079.2_SP1 | 1.8297e-06 | -GGGGTGGG- GGGGNGGGG | |

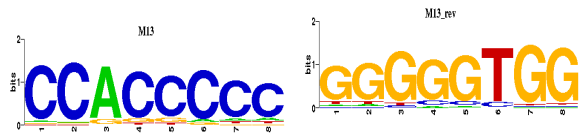
Stamp Results

10/01/13

| | | |
|----------------|------------|-------------------------------------------------|
| MA0068.1_Pax4 | 3.4937e-05 | -----CCCACCCC RAAWAWWWNNMNNNNNNNNNNMNNNNNYMC |
| MA0443.1_btd | 4.3790e-05 | CCCACCCC-- YCCGCCMCN |
| MA0073.1_RREB1 | 5.8687e-05 | -----GGGGTGGG----- NGKKKGKGGGTGKTTTGGGG |



M13

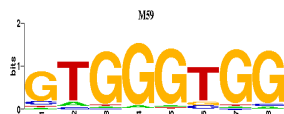


forward

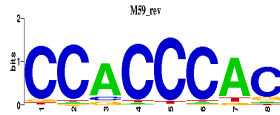
reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|-------------------------------------------|--------------|
| MA0073.1_RREB1 | 9.0680e-08 | -----GGGGTGG----- NGKKKGKGGGTGKTTTGGGG | |
| MA0443.1_btd | 9.2485e-07 | -GGGGTGG- NGKGGCGGR | |
| MA0079.2_SP1 | 3.2780e-06 | GGGGTGG-- GGGGNGGGG | |
| MA0039.2_Klf4 | 3.6572e-05 | -CCACCCC- GCCMCRCN | |
| MA0450.1_hkb | 4.1023e-05 | CCACCCC- TCACGCCM | |

M59



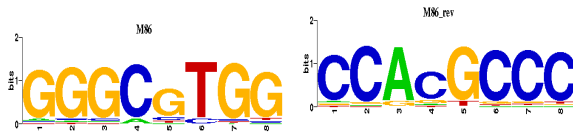
forward



reverse compliment

| Name | E value | Alignment | Motif |
|------------------|------------|--------------------------------------------|-------|
| MA0162.1_Egr1 | 2.3698e-06 | ---GTGGGTGG NGCGTGGGCGK | |
| MA0073.1_RREB1 | 6.5143e-06 | -----GTGGGTGG----- NGKKKGKGGGTGKTTTGGGG | |
| MA0359.1_RAP1 | 3.2855e-05 | CCACCCAC--- -CACCCATACA | |
| MA0436.1_YPR022C | 1.7571e-04 | -GTGGGTGG NGTGGGG-- | |
| MA0193.1_Lag1 | 1.9086e-04 | GTGGGTGG -TTGGTRG | |

M86



forward

reverse compliment

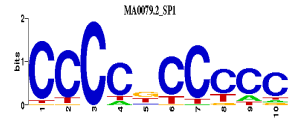
| Name | E value | Alignment | Motif |
|---------------|------------|--------------------------|-------|
| MA0450.1_hkb | 3.9008e-09 | CCACGCCC- TCACGCCCM | |
| MA0039.2_Klf4 | 1.0567e-08 | -CCACGCCC- GCCMCRCcCN | |

Stamp Results

10/01/13

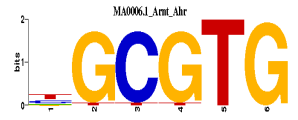
MA0079.2_SP1 2.3454e-06

--GGGCGTGG
GGGGGNGGGG



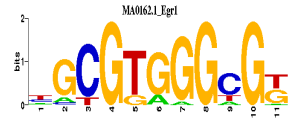
MA0006.1_Arnt_Ahr 2.0018e-05

CCACGCCC
-CACGCN-

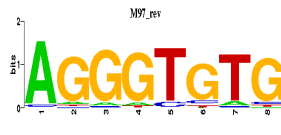
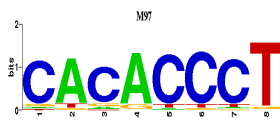


MA0162.1_Egr1 5.2265e-05

----CCACGCCC
MCGCCCACGCN-



M97



forward

reverse compliment

Name E value

Alignment

Motif

MA0270.1_AFT2 2.6582e-06

CACACCCT
NACACCCN



MA0039.2_Klf4 3.6464e-06

--CACACCCT
GCCMCRCCCN



MA0009.1_T 3.0809e-05

--CACACCCT-
TTCACACCTAG



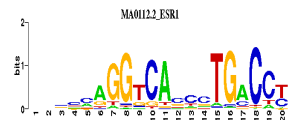
MA0450.1_hkb 3.3539e-05

-CACACCCT
TCACGCCCM

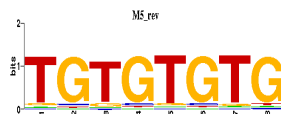
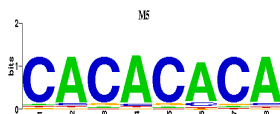



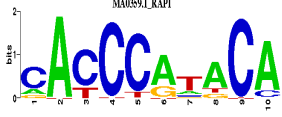



MA0112.2_ESR1 6.0145e-04

-----CACACCCT-----
NNNNNAGGTCANNNTGACCY

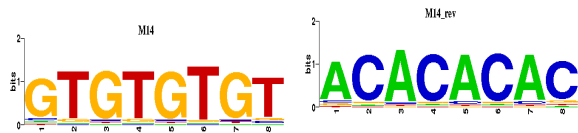


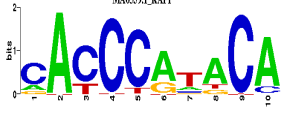


M5



| | <i>forward</i> | <i>reverse compliment</i> | |
|----------------|----------------|------------------------------|-------------------------------------------------------------------------------------|
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
| MA0009.1_T | 8.0016e-04 | --CACACACA-- TTCACACCTAG |  |
| MA0359.1_RAP1 | 1.5016e-03 | TGTGTGTG-- TGTATGGGTG |  |
| MA0327.1_MATA1 | 1.8530e-03 | --TGTGTGTG ATTGTGY--- |  |
| MA0288.1_CUP9 | 2.4764e-03 | TGTGTGTG- WWTGTGTCA |  |
| MA0041.1_Foxd3 | 2.6219e-03 | -CACACACA--- AAANAAACAWTN |  |

M14



| | <i>forward</i> | <i>reverse compliment</i> | |
|----------------|----------------|------------------------------|---------------------------------------------------------------------------------------|
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
| MA0359.1_RAP1 | 1.4400e-03 | -GTGTGTGT- TGTATGGGTG |  |
| MA0327.1_MATA1 | 1.6216e-03 | GTGTGTGT -ATTGTGY |  |
| MA0041.1_Foxd3 | 2.5043e-03 | --ACACACAC-- AAANAAACAWTN |  |

MA0288.1_CUP9 2.5074e-03

GTGTGTGT--
-WWTGTGTCA

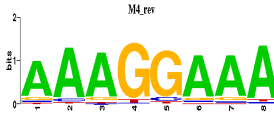
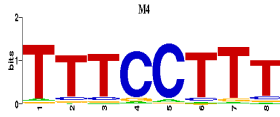


MA0162.1_Egr1 3.3035e-03

---GTGTGTGT
NGCGTGGGCGK



M4



forward

reverse compliment

Name

E value

Alignment

Motif

MA0277.1_AZF1 4.1142e-09

TTTCCTTT--
TTTCCTTTT



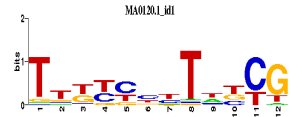
MA0370.1_RME1 2.4744e-08

TTTCCTTT---
-TNCCTTTNNA



MA0120.1_id1 6.7009e-07

---AAAGGAAA-
CGNNANRRMNA



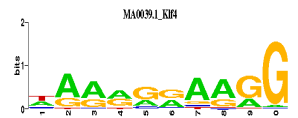
MA0137.1_STAT1 3.3057e-06

---TTTCCTTT---
NAGTTTCNNTTTCY

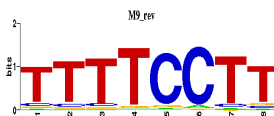
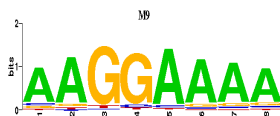


MA0039.1_Klf4 1.3900e-05

-TTTCCTTT-
CCTTYYT



M9



forward


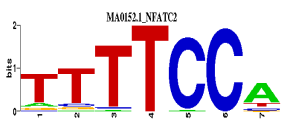



reverse compliment

Name

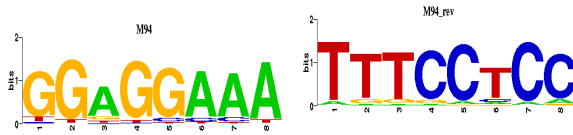
E value

Alignment

Motif





| | | | |
|-----------------|------------|------------------------------|-------------------------------------------------------------------------------------|
| MA0120.1_id1 | 8.3876e-08 | ----AAGGAAAA CGNNANNRRMNA |  |
| MA0152.1_NFATC2 | 1.6141e-07 | AAGGAAAA -TGGAAAA |  |
| MA0277.1_AZF1 | 7.2876e-06 | TTTTCTT-- -TTTCTTTTT |  |
| MA0294.1_EDS1 | 1.2885e-05 | --TTTTCTT NTTNTTCN- |  |
| MA0156.1_FEV | 1.5245e-05 | TTTTCTT AYTTCCTG |  |

M94



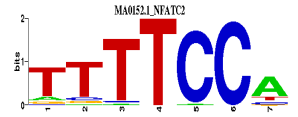
forward

reverse compliment

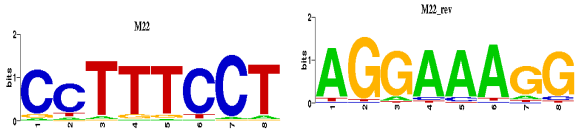
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|------------------------------|---------------------------------------------------------------------------------------|
| MA0081.1_SPIB | 2.2681e-06 | TTTCCTCC -TTCKST |  |
| MA0090.1_TEAD1 | 5.8742e-06 | ---TTTCCTCC- YACATTCCWSNG |  |
| MA0326.1_MAC1 | 1.0818e-05 | TTTCCTCC TTTGCTCR |  |
| MA0156.1_FEV | 2.4692e-05 | -TTTCCTCC AYTTCCTG- |  |

MA0152.1_NFATC2 1.8903e-04

GGAGGAAA--
--TGGAAAA



M22

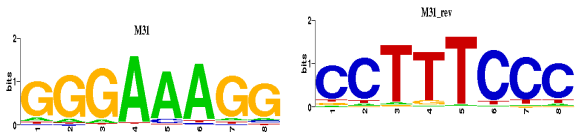


forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|-----------------|----------------|--------------------------|--------------|
| MA0039.1_Klf4 | 4.0484e-07 | CCTTTCCT-- CCTTYYYTTN | |
| MA0156.1_FEV | 2.4256e-05 | -AGGAAAGG CAGGAART- | |
| MA0152.1_NFATC2 | 1.8717e-04 | AGGAAAGG TGGAAAA- | |
| MA0080.2_SPI1 | 2.1021e-04 | CCTTTCCT -ACTTCCT | |
| MA0136.1_ELF5 | 5.1271e-04 | -AGGAAAGG NMGGAARTN | |

M31



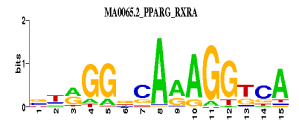
forward

reverse compliment

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

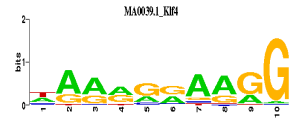
MA0065.2_PPARG_RXRA 2.9657e-06

---CCTTTCCC---
TGMCCTTTGNCCYNN



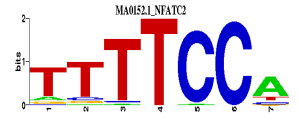
MA0039.1_Klf4 1.6700e-05

CCTTTCCC--
CCTTYYYYTTN



MA0152.1_NFATC2 1.8433e-04

GGGAAAGG
TGGAAAA-



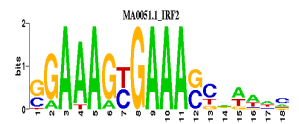
MA0438.1_YRM1 6.6989e-04

CCTTTCCC-
-ATNTCCGN

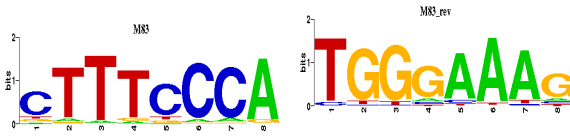


MA0051.1_IRF2 8.0464e-04

-----CCTTTCCC
NNWWNRSTTTCRCTTTC-



M83



forward

reverse compliment

Name

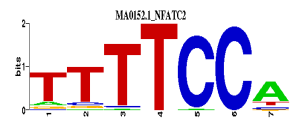
E value

Alignment

Motif

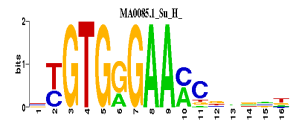
MA0152.1_NFATC2 1.8851e-06

TGGGAAAG
TGGAAAA-



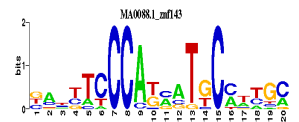
MA0085.1_Su_H_ 1.1167e-05

-----CTTTCCCA---
NNNNNGKTTCCACRN



MA0088.1_znf143 2.9681e-05

-CTTTCCCA-----
NNNNTCCCAKNNTKCMNNGM



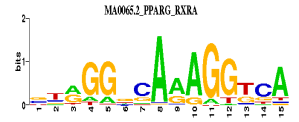
MA0438.1_YRM1 6.4721e-04

CTTTCCCA
ATNTCCGN

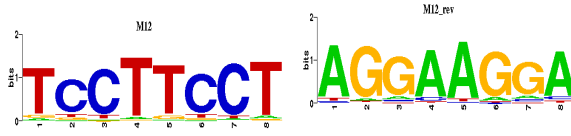


MA0065.2_PPARG_RXRA 6.7051e-04

----CTTCCCA---
TGMCCTTGNCCYNN



M12



forward

reverse compliment

Name *E value* *Alignment* *Motif*

MA0149.1_EWSR1-FLI1 1.0301e-10

---TCCTTCCT-----
CCTTCCTTCCTTCCTTC



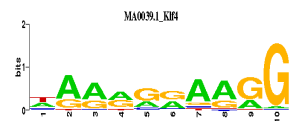
MA0080.2_SPI1 1.9203e-07

TCCTTCCT
-ACTTCCT



MA0039.1_Klf4 4.6979e-06

TCCTTCCT---
-CCTTYYYTTN



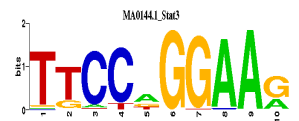
MA0156.1_FEV 4.0280e-05

TCCTTCCT-
-AYTTCCTG

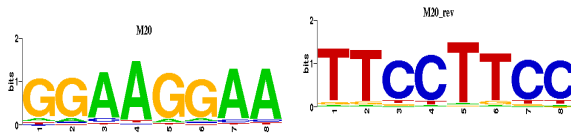


MA0144.1_Stat3 4.2535e-05

TCCTTCCT----
--CTTCNGGAA



M20



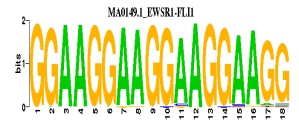
forward

reverse compliment

Name *E value* *Alignment* *Motif*

MA0149.1_EWSR1-FLI1 1.0440e-10

--TTCCTTCC-----
CCTTCCTTCCTTCCTTCC



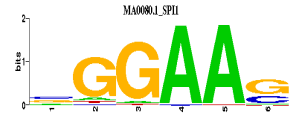
MA0370.1_RME1 2.5702e-05

TTCCTTCC--
TNCCTTTNNA



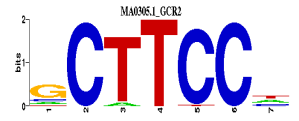
MA0080.1_SPI1 5.1567e-05

TTCCTTCC-
---STTCN



MA0305.1_GCR2 1.7538e-04

-GGAAGGAA
NGGAAGC--

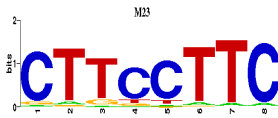


MA0080.2_SPI1 1.7609e-04

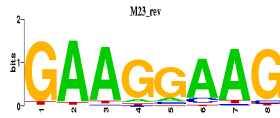
TTCCTTCC-
--ACTTCCT



M23



forward



reverse compliment

Name

E value

Alignment

Motif

MA0149.1_EWSR1-FLI1 1.1082e-10

-----CTTCCTTC-----
CCTTCCTTCCTTCCTTCC



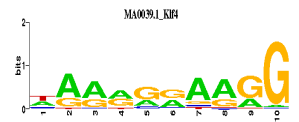
MA0080.2_SPI1 2.0980e-07

-CTTCCTTC
ACTTCCT--



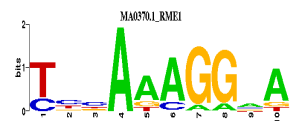
MA0039.1_Klf4 1.2048e-05

-CTTCCTTC-
CCTTTYYYTTN



MA0370.1_RME1 2.1351e-05

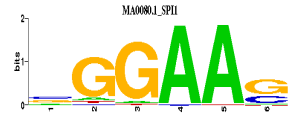
CTTCCTTC--
-TNCCTTTNNA



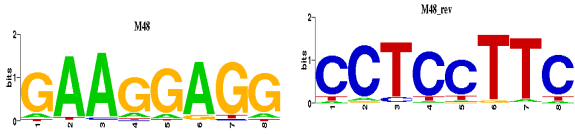
MA0080.1_SPI1

4.0395e-05

CTTCCTTC
STTCN--



M48



forward

reverse compliment

Name *E value* *Alignment* *Motif*

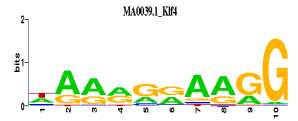
MA0149.1_EWSR1-FLI1 5.5963e-06

--GAAGGAGG-----
GGAAGGAAGGAAGGAAGG



MA0039.1_Klf4 7.8905e-04

--GAAGGAGG--
NAARRRAAGG



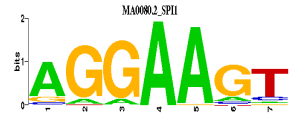
MA0163.1_PLAG1 9.6254e-04

CCTCCTTC-----
CCCCCTNGGCCCC



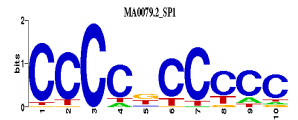
MA0080.2_SPI1 1.3387e-03

GAAGGAGG--
--AGGAAGT

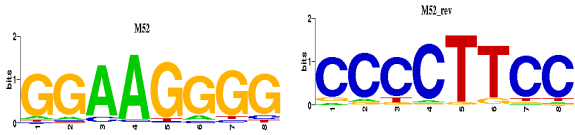


MA0079.2_SP1 2.3533e-03

GAAGGAGG--
GGGGNGGGG





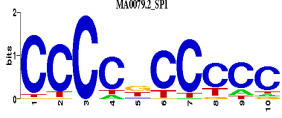


M52



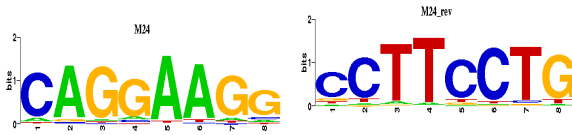
forward

reverse compliment

Name *E value* *Alignment* *Motif*


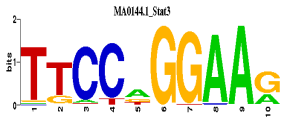


| | | | |
|----------------|------------|------------------------------------|-------------------------------------------------------------------------------------|
| MA0366.1_RGM1 | 2.0414e-06 | CCCCTTCC CCCCT--- |  |
| MA0342.1_MSN4 | 2.1680e-06 | CCCCTTCC CCCCT--- |  |
| MA0079.2_SPI | 3.2484e-06 | --GGAAGGGG GGGGNGGGG |  |
| MA0341.1_MSN2 | 5.7881e-06 | CCCCTTCC CCCCT--- |  |
| MA0323.1_I XR1 | 2.0967e-05 | --CCCCTTCC----- CMCCGCTTCCGGYTT |  |

M24



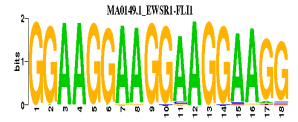
forward

reverse compliment

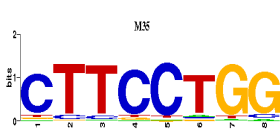
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|------------------|----------------|---------------------------|---------------------------------------------------------------------------------------|
| MA0156.1_FEV | 2.6231e-08 | CCTTCCTG AYTTCCTG |  |
| MA0144.1_Stat3 | 4.3230e-08 | CCTTCCTG--- -CTTCNGGAA |  |
| MA0026.1_Eip74EF | 1.3678e-07 | CCTTCCTG -YTTCGG |  |
| MA0080.2_SPI1 | 1.7025e-07 | CCTTCCTG ACTTCCT- |  |

MA0149.1_EWSR1-FLI1 4.2668e-07

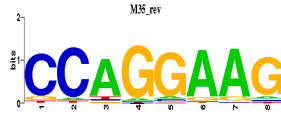
CCTTCCTG-----
CCTTCCTTCCTTCCTTC



M35



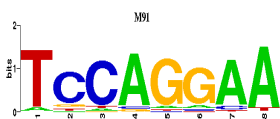
forward



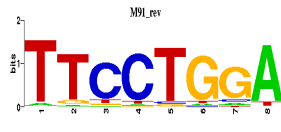
reverse compliment

| Name | E value | Alignment | Motif |
|------------------|------------|-----------------------------------|------------------|
| MA0144.1_Stat3 | 6.4272e-12 | --CCAGGAAG TTCCNGGAAG | MA0144.1_Stat3 |
| MA0156.1_FEV | 4.1298e-08 | -CTTCCTGG AYTTCCTG- | MA0156.1_FEV |
| MA0026.1_Eip74EF | 1.8753e-07 | CTTCCTGG YTTCGG- | MA0026.1_Eip74EF |
| MA0080.2_SPI1 | 1.8804e-07 | -CTTCCTGG ACTTCCT-- | MA0080.2_SPI1 |
| MA0137.2_STAT1 | 4.2399e-05 | -----CCAGGAAG-- NNNTTCNGGAARNN | MA0137.2_STAT1 |

M91

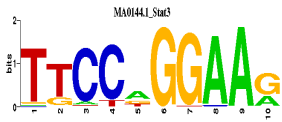
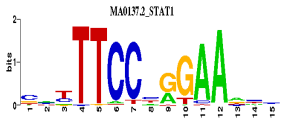





forward

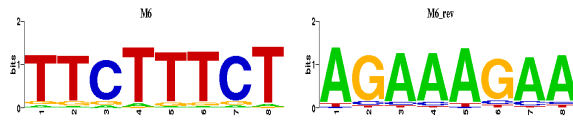


reverse compliment

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


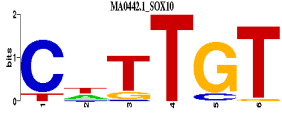



| | | | |
|------------------|------------|------------------------------------|-------------------------------------------------------------------------------------|
| MA0144.1_Stat3 | 3.7018e-12 | -TTCCTGGA- CTTCCNGGAA |  |
| MA0137.2_STAT1 | 4.2306e-08 | ----TCCAGGAA--- NNNTTCCNGGAARNN |  |
| MA0156.1_FEV | 1.6726e-06 | --TTCCTGGA AYTTCCTG-- |  |
| MA0026.1_Eip74EF | 9.2040e-05 | -TTCCTGGA YTTCCG-- |  |
| MA0080.2_SPI1 | 1.8341e-04 | --TTCCTGGA ACTTCT--- |  |

M6

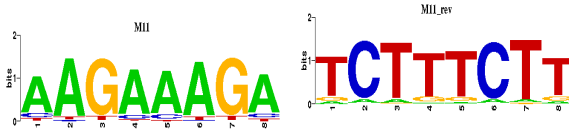


forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------------|----------------|---------------------------------------|---------------------------------------------------------------------------------------|
| MA0277.1_AZF1 | 1.1615e-07 | -TTCTTTCT TTTCTTTT |  |
| MA0442.1_SOX10 | 2.6928e-04 | AGAAAGAA ACAANG-- |  |
| MA0080.2_SPI1 | 1.1171e-03 | TTCTTTCT -ACTTCT |  |
| MA0407.1_THI2 | 1.5478e-03 | -TTCTTTCT----- GTTCTTASRGTTKCC |  |
| MA0149.1_EWSR1-FLI1 | 1.6977e-03 | -----AGAAAGAA-- GGAAGGAAGGAAGGAAGG |  |

M11

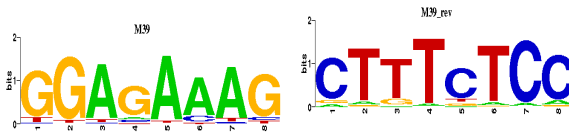


forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|--------------------------|--------------|
| MA0277.1_AZF1 | 8.6773e-06 | TCTTCTT--- --TTTCTTTT | |
| MA0039.1_Klf4 | 1.0886e-04 | --AAGAAAGA NAARRRAAGG | |
| MA0442.1_SOX10 | 4.2738e-04 | AAGAAAGA -ACAAWG- | |
| MA0216.1_cad | 1.0727e-03 | -AAGAAAGA YAATAAA-- | |
| MA0080.2_SPI1 | 1.1555e-03 | TCTTCTT ACTTCTT- | |


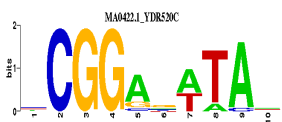
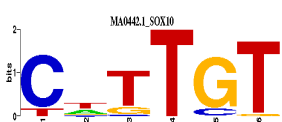

M39



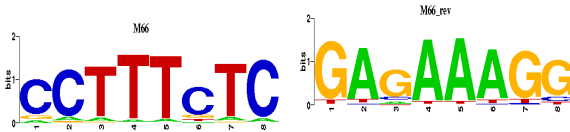
forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|------------------|----------------|------------------------|--------------|
| MA0437.1_YPR196W | 1.2380e-07 | -GGAGAAAG CGGRNAAAT | |

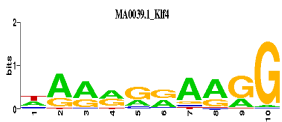
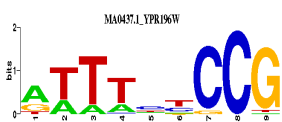

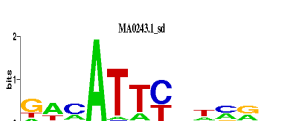

| | | | |
|------------------|------------|--------------------------|-------------------------------------------------------------------------------------|
| MA0294.1_EDS1 | 1.4129e-04 | -GGAGAAAG NGGAANAAN |  |
| MA0422.1_YDR520C | 2.8180e-04 | --GGAGAAAG NCGGANWTAN |  |
| MA0442.1_SOX10 | 3.0808e-04 | GGAGAAAG --ACAAWG |  |
| MA0432.1_YNR063W | 3.2824e-04 | --GGAGAAAG TCGGAGAT-- |  |

M66

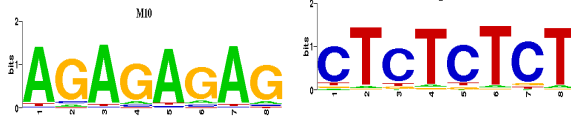


forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|------------------|----------------|------------------------------|---------------------------------------------------------------------------------------|
| MA0039.1_Klf4 | 1.7022e-05 | CCTTTCTC-- CCTTYYYTTN |  |
| MA0437.1_YPR196W | 9.2789e-05 | --GAGAAAGG CGGRNAAAT- |  |
| MA0442.1_SOX10 | 3.1396e-04 | CCTTTCTC -CWTTGT- |  |
| MA0243.1_sd | 4.6370e-04 | --GAGAAAGG-- NYNNNRAATKWN |  |
| MA0080.2_SPI1 | 9.3209e-04 | GAGAAAGG -AGGAAGT |  |

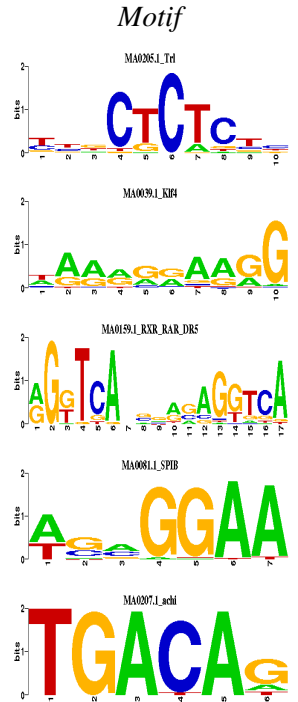
M10



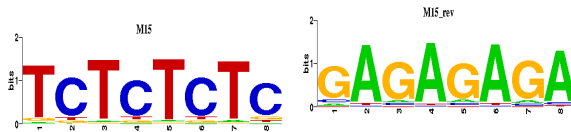
forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> |
|----------------------|----------------|-------------------------------------|
| MA0205.1_Tr1 | 3.3899e-03 | -CTCTCTCT- YNNCTCTCNN |
| MA0039.1_Klf4 | 8.4728e-03 | -CTCTCTCT- CCTTYYTNN |
| MA0159.1_RXR_RAR_DR5 | 9.5867e-03 | ---CTCTCTCT--- TGACCTNYNNNTGAMCY |
| MA0081.1_SPIB | 2.8292e-02 | AGAGAGAG ASMGGA- |
| MA0207.1_achi | 2.9189e-02 | CTCTCTCT CTGTCA-- |



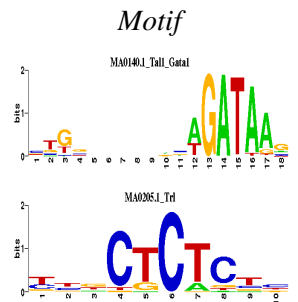
M15



forward

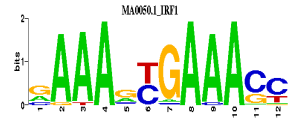
reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> |
|---------------------|----------------|--------------------------------------|
| MA0140.1_Tal1_Gata1 | 2.6239e-03 | ---TCTCTCTC--- NTTATCTNNNNNNNNCNN |
| MA0205.1_Tr1 | 3.3800e-03 | --GAGAGAGA NNGAGAGNNR |



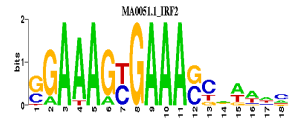
MA0050.1_IRF1 1.0044e-02

----TCTCTCTC
GGTTTCRNTTTN



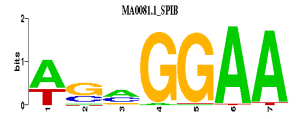
MA0051.1_IRF2 1.6610e-02

-GAGAGAGA-----
SGAAAGYGAAASYNWWNN

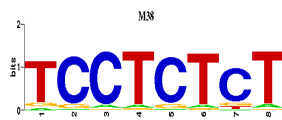


MA0081.1_SPIB 2.7775e-02

GAGAGAGA
-ASMGGAA



M38



forward

reverse compliment

Name

E value

Alignment

Motif

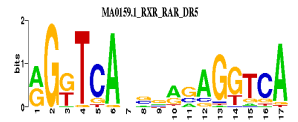
MA0081.1_SPIB 4.0499e-06

-TCCTCTCT
TTCKKST--



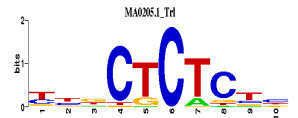
MA0159.1_RXR_RAR_DR5 1.5766e-03

--TCCTCTCT-----
TGACCTNYNNNTGAMCY



MA0205.1_Trl 3.5000e-03

-AGAGAGGA-
NNGAGAGNNR



MA0029.1_Evi1 7.6420e-03

-----TCCTCTCT-
NNTTATCTTRICTN

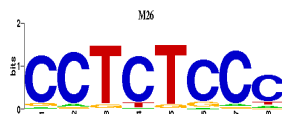


MA0149.1_EWSR1-FLI1 8.3189e-03

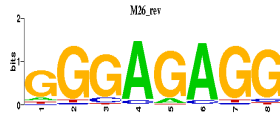
-----TCCTCTCT---
CCTTCCTTCCTTCCTTCC



M26



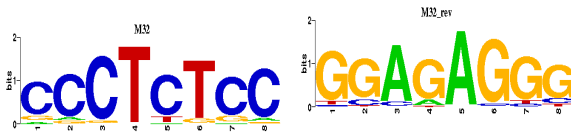
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------------|----------------|---------------------------------------|--------------|
| MA0079.2_SP1 | 6.3766e-06 | GGGAGAGG-- GGGGNGGGG | |
| MA0065.2_PPARG_RXRA | 5.2152e-05 | ---CCTCTCCC---- TGMCCTTTGNCYYN | |
| MA0159.1_RXR_RAR_DR5 | 8.0310e-05 | ---CCTCTCCC----- TGACCTNYNNNTGAMCY | |
| MA0323.1_IXR1 | 4.5045e-04 | --CCTCTCCC----- CMCCGCTTCCGGYTT | |
| MA0062.1_GABPA | 5.8948e-04 | CCTCTCCC--- -SNCTTCCGGT | |




M32



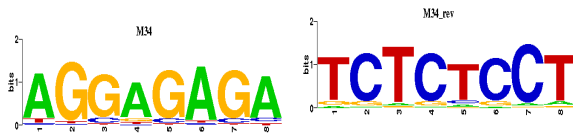
forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------------|----------------|--------------------------------------|--------------|
| MA0079.2_SP1 | 1.1761e-05 | -GGAGAGGG- GGGGNGGGG | |
| MA0159.1_RXR_RAR_DR5 | 8.4214e-05 | -----GGAGAGGG-- RGKTCANNNRNAGGTCA | |



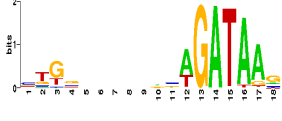
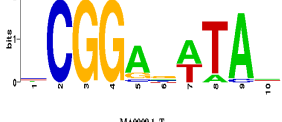

| | | | |
|------------------|------------|--------------------------|-------------------------------------------------------------------------------------|
| MA0354.1_PDR8 | 6.8921e-04 | CCCTCTCC-- --ATCTCCGN |  |
| MA0432.1_YNR063W | 6.9597e-04 | CCCTCTCC-- --ATCTCCGA |  |
| MA0366.1_RGM1 | 1.8960e-03 | -CCCTCTCC CCCCT---- |  |

M34

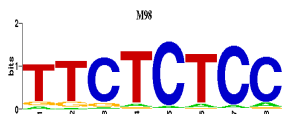


forward

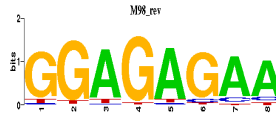
reverse compliment

| Name | E value | Alignment | Motif |
|---------------------|------------|-------------------------------------------|---------------------------------------------------------------------------------------|
| MA0354.1_PDR8 | 6.6259e-04 | TCTCTCCT- -ATCTCCGN |  |
| MA0432.1_YNR063W | 7.2557e-04 | TCTCTCCT- -ATCTCCGA |  |
| MA0140.1_Tal1_Gata1 | 7.8129e-04 | -----TCTCTCCT----- NTTATCTNNNNNNNNNCNN |  |
| MA0422.1_YDR520C | 9.2368e-04 | -TCTCTCCT- NTAWNTC CGN |  |
| MA0009.1_T | 9.7493e-04 | --AGGAGAGA- CTAGGTGTGAA |  |

M98



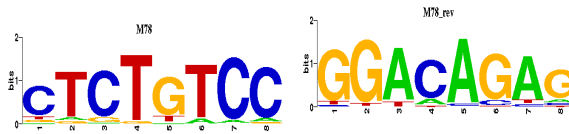
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|------------------|----------------|----------------------------|--------------|
| MA0432.1_YNR063W | 6.6903e-04 | TTCTCTCC-- --ATCTCCGA | |
| MA0354.1_PDR8 | 6.7384e-04 | TTCTCTCC-- --ATCTCCGN | |
| MA0009.1_T | 6.9928e-04 | ---GGAGAGAA CTAGGTGTGAA | |
| MA0422.1_YDR520C | 8.4292e-04 | TTCTCTCC-- NTAWNTCCGN | |
| MA0437.1_YPR196W | 1.4439e-03 | -GGAGAGAA CGGRNAAAT | |

M78



forward

reverse compliment

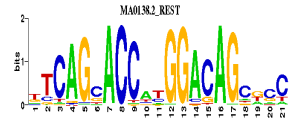
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|---------------------------------------|--------------|
| MA0207.1_achi | 2.9489e-05 | CTCTGTCC --CTGTCA | |
| MA0138.1_REST | 4.3638e-05 | -----GGACAGAG- TCAGCACCWNGGACAGCNC | |

Stamp Results

10/01/13

MA0138.2_REST 6.3025e-05

--CTCTGTCC-----
GNNGCTGTCCNNGGTGCTGAN



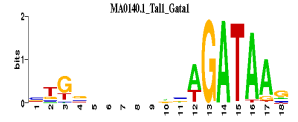
MA0227.1_hth 6.5438e-05

CTCTGTCC
--CTGTCA

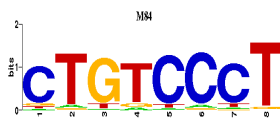


MA0140.1_Tal1_Gata1 1.4537e-04

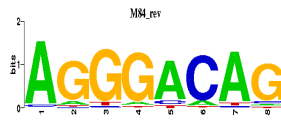
---CTCTGTCC-----
NTTATCTNNNNNNNNCNN



M84



forward



reverse compliment

Name

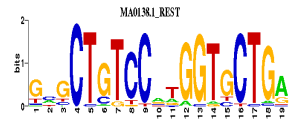
E value

Alignment

Motif

MA0138.1_REST 2.3420e-05

---CTGTCCCT-----
GNGCTGTCCNWGGTGTGA



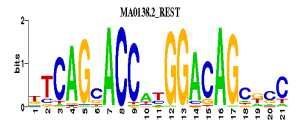
MA0207.1_achi 2.4352e-05

CTGTCCCT
CTGTCA--



MA0138.2_REST 4.7204e-05

---CTGTCCCT-----
GNNGCTGTCCNNGGTGCTGAN



MA0227.1_hth 6.3466e-05

CTGTCCCT
CTGTCA--

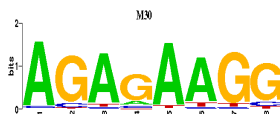


MA0140.1_Tal1_Gata1 2.3567e-04

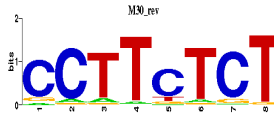
-----CTGTCCCT-----
NTTATCTNNNNNNNNCNN



M30



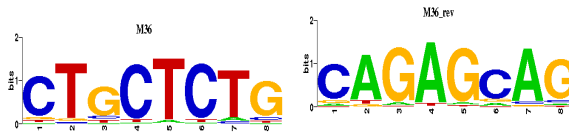
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|----------------------------------|--------------|
| MA0039.1_Klf4 | 5.0752e-05 | CCTTCTCT-- CCTTYYYTNN | |
| MA0035.2_Gata1 | 6.0367e-04 | -CCTTCTCT-- NNNTTATCTNN | |
| MA0289.1_DAL80 | 1.8896e-03 | CCTTCTCT -CTTATCG | |
| MA0029.1_Evi1 | 3.0838e-03 | -----CCTTCTCT- NNTTATCTTRTCTN | |
| MA0127.1_PEND | 3.8700e-03 | --AGAGAAGG MATAAGAANT | |

M36



forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|------------------------------|--------------|
| MA0451.1_kni | 1.2019e-04 | CTGCTCTG---- NTGCTCTANTTT | |
| MA0326.1_MAC1 | 6.6389e-04 | CAGAGCAG-- -YGAGCAAAA | |

Stamp Results

10/01/13

MA0276.1_ASH1 4.2583e-03

-CTGCTCTG-
CCYGATNYGG



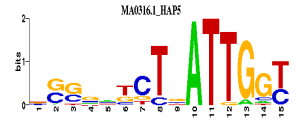
MA0081.1_SPIB 8.7604e-03

CTGCTCTG
TTCKST-

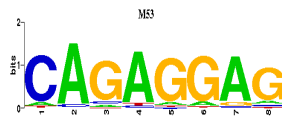


MA0316.1_HAP5 1.0695e-02

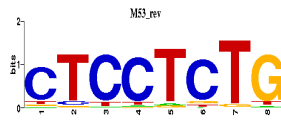
-CTGCTCTG-----
NSSNNKCTNATTGGT



M53



forward



reverse compliment

Name

E value

Alignment

Motif

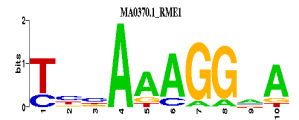
MA0081.1_SPIB 5.3018e-06

CAGAGGAG
-ASMGGAA



MA0370.1_RME1 1.3347e-04

--CAGAGGAG
TNNAAGGNA



MA0090.1_TEAD1 4.6584e-04

----CTCCTCTG
YACATTCWSNG



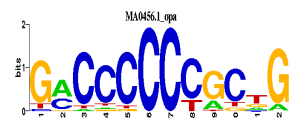
MA0364.1_REI1 1.3508e-03

-CAGAGGAG
NCAGGGG--

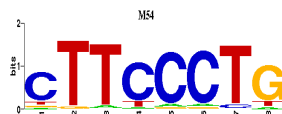


MA0456.1_opa 2.0769e-03

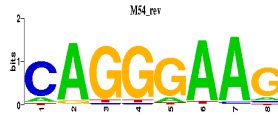
----CTCCTCTG
GMCCCCCGCNG



M54



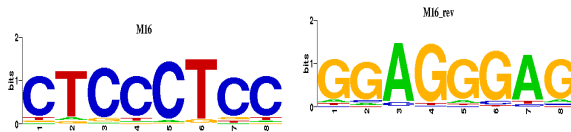
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|--------------------------|--------------|
| MA0039.1_Klf4 | 3.9366e-05 | -CTTCCCTG- CCTTYYYTTN | |
| MA0080.1_SPI1 | 4.5908e-05 | CTTCCCTG STTCN-- | |
| MA0156.1_FEV | 7.8169e-05 | CTTCCCTG AYTTCCTG | |
| MA0305.1_GCR2 | 1.7897e-04 | -CTTCCCTG GCTTCN-- | |
| MA0080.2_SPI1 | 1.8214e-04 | -CTTCCCTG ACTTCCT-- | |

M16



forward

reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|---------------|----------------|---------------------------|--------------|
| MA0410.1_UGA3 | 2.2184e-05 | CTCCCTCC- -TCCCGCCN | |
| MA0079.2_SPI1 | 2.9036e-04 | ---GGAGGGAG GGGGNGGGG- | |

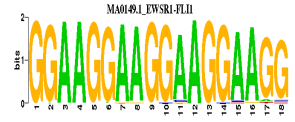
MA0290.1_DAL81 1.1845e-03

-CTCCCTCC-----
AATCCCGCCCCGGGCTTTT



MA0149.1_EWSR1-FLI1 1.4135e-03

----GGAGGGAG-----
GGAAGGAAGGAAGGAAGG

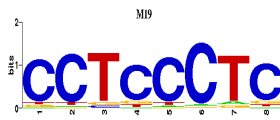


MA0080.2_SPI1 1.5917e-03

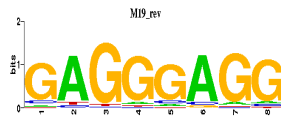
-CTCCCTCC
ACTTCCT--



M19



forward



reverse compliment

Name

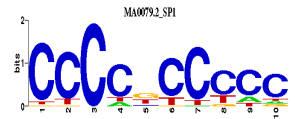
E value

Alignment

Motif

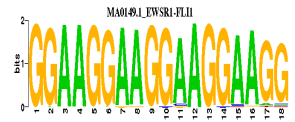
MA0079.2_SP1 7.6904e-06

GAGGGAGG--
GGGGNGGGG



MA0149.1_EWSR1-FLI1 1.1293e-03

--GAGGGAG-----
GGAAGGAAGGAAGGAAGG



MA0080.2_SPI1 1.1389e-03

GAGGGAGG
-AGGAAGT



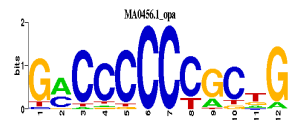
MA0443.1_btd 1.4142e-03

-CCTCCCTC-
YCCGCCMCN

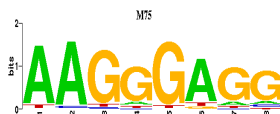


MA0456.1_opa 1.7692e-03

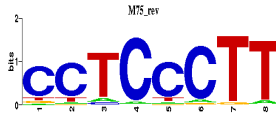
--GAGGGAGG--
CNGCGGGGGK



M75



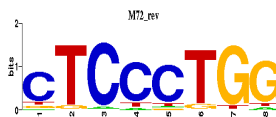
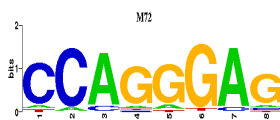
forward



reverse compliment

| Name | E value | Alignment | Motif |
|---------------------|------------|--------------------------------------|-------|
| MA0149.1_EWSR1-FLI1 | 4.7474e-06 | -----CCTCCCTT-- CCTTCCTTCCTTCCTTC | |
| MA0039.1_Klf4 | 3.6903e-05 | -AAGGGAGG- NAARRRAAGG | |
| MA0154.1_EBF1 | 1.4173e-04 | CCTCCCTT---- --TCCCTNGGGN | |
| MA0079.2_SP1 | 7.1538e-04 | AAGGGAGG-- GGGGNGGGG | |
| MA0080.2_SP1 | 1.3547e-03 | CCTCCCTT ACTTCCT- | |

M72



forward

reverse compliment

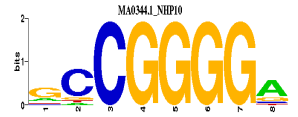
| Name | E value | Alignment | Motif |
|----------------|------------|----------------------------|-------|
| MA0144.1_Stat3 | 9.9434e-07 | CTCCCTGG-- CTTCNGGAA | |
| MA0154.1_EBF1 | 1.2602e-06 | CTCCCTGG--- -TCCCTNGGGN | |

Stamp Results

10/01/13

MA0344.1_NHP10 1.9481e-05

CTCCCTGG-
-TCCCCGGN



MA0364.1_REI1 1.7642e-04

CTCCCTGG
-CCCCTGN

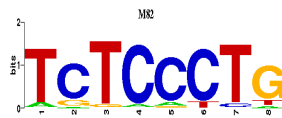


MA0156.1_FEV 3.2603e-04

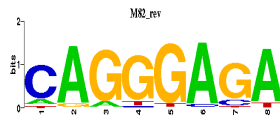
-CTCCCTGG
AYTTCCTG-



M82



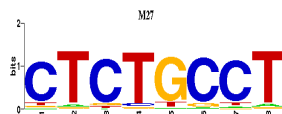
forward



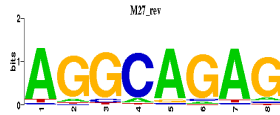
reverse compliment

| Name | E value | Alignment | Motif |
|----------------|------------|--------------------------------------------|-------|
| MA0112.2_ESR1 | 1.7414e-05 | -----TCTCCCTG----- NNNNNAGGTCANNNTGACCY | |
| MA0413.1_USV1 | 2.8957e-05 | -----CAGGGAGA----- NNNNNNTTCAGGGGKANNNN | |
| MA0364.1_REI1 | 1.8368e-04 | -CAGGGAGA NCAGGGG-- | |
| MA0154.1_EBF1 | 3.3378e-04 | TCTCCCTG----- --TCCCTNGGGN | |
| MA0144.1_Stat3 | 5.1353e-04 | TCTCCCTG----- -CTTCCNGGAA | |

M27



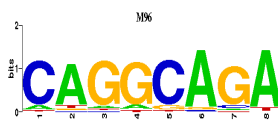
forward



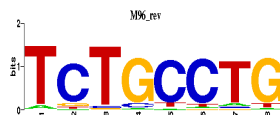
reverse compliment

| Name | E value | Alignment | Motif |
|---------------------|------------|------------------------------------|-------|
| MA0283.1_CHA4 | 2.6953e-05 | -CTCTGCCT NCTCCGCC- | |
| MA0065.2_PPARG_RXRA | 9.6307e-05 | ----CTCTGCCT--- TGMCCTTTGNCCYNN | |
| MA0062.1_GABPA | 2.3959e-04 | CTCTGCCT-- SNCTTCCGGT | |
| MA0340.1_MOT3 | 3.3605e-04 | CTCTGCCT- ---TRCCTN | |
| MA0080.2_SPI1 | 8.4723e-04 | CTCTGCCT -ACTTCCT | |

M96



forward



reverse compliment

| Name | E value | Alignment | Motif |
|----------------|------------|----------------------------|-------|
| MA0340.1_MOT3 | 2.3799e-05 | TCTGCCTG --TRCCTN | |
| MA0144.1_Stat3 | 3.8732e-04 | TCTGCCTG--- -CTTCCNGGAA | |

MA0156.1_FEV 5.6025e-04

TCTGCCTG
AYTTCCTG



MA0062.1_GABPA 7.6976e-04

-TCTGCCTG-
SNCTTCCGGT

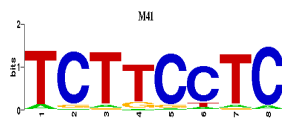


MA0080.2_SPI1 1.6880e-03

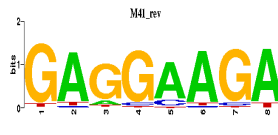
TCTGCCTG
ACTTCCT-



M41



forward



reverse complement

Name

E value

Alignment

Motif

MA0080.2_SPI1 2.3718e-07

TCTTCCTC
ACTTCCT-



MA0081.1_SPIB 2.0829e-06

TCTTCCTC-
--TTCKST



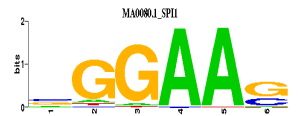
MA0062.1_GABPA 2.4424e-05

-TCTTCCTC-
SNCTTCCGGT



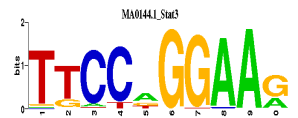
MA0080.1_SPI1 4.0228e-05

TCTTCCTC
-STCCN-

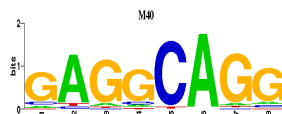


MA0144.1_Stat3 6.0551e-05

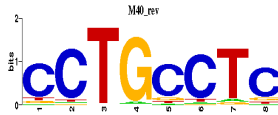
TCTTCCTC---
-CTCCNGGAA



M40



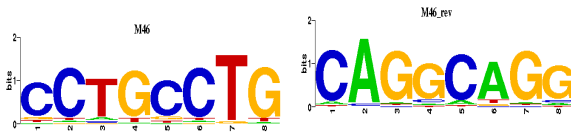
forward



reverse compliment

| Name | E value | Alignment | Motif |
|---------------------|------------|-----------------------------------------|-------|
| MA0340.1_MOT3 | 2.4747e-04 | CCTGCCTC --TRCCTN | |
| MA0079.2_SP1 | 9.8022e-04 | -GAGGCAGG- GGGGNGGGG | |
| MA0149.1_EWSR1-FLI1 | 1.3050e-03 | ----CCTGCCTC----- CCTTCCTTCCTTCCTTCC | |
| MA0080.2_SPI1 | 1.3598e-03 | CCTGCCTC ACTTCCT- | |
| MA0099.2_AP1 | 1.3667e-03 | -GAGGCAGG TGAGTCA-- | |

M46



forward

reverse compliment

| Name | E value | Alignment | Motif |
|----------------|------------|---------------------------|-------|
| MA0340.1_MOT3 | 2.7116e-05 | CCTGCCTG --TRCCTN | |
| MA0144.1_Stat3 | 1.9398e-04 | ---CAGGCAGG TTCNGGAAG- | |

MA0156.1_FEV 2.0886e-04

CCTGCCTG
AYTTCCTG



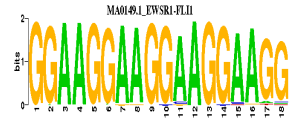
MA0026.1_Eip74EF 6.4646e-04

CCTGCCTG
-YTTCCGG

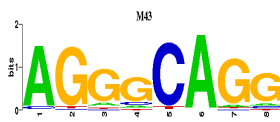


MA0149.1_EWSR1-FLI1 8.2855e-04

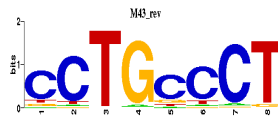
----CCTGCCTG----
CCTTCCTTCTTCTTCC



M43



forward



reverse compliment

Name

E value

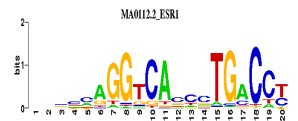
Alignment

Motif

MA0112.2_ESR1

8.2280e-06

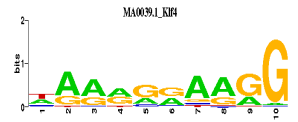
AGGGCAGG-----
RGGTCANNNTGACCTNNNNN



MA0039.1_Klf4

4.3146e-04

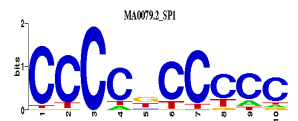
CCTGCCCT--
CCTTYYYTNN



MA0079.2_SP1

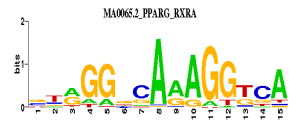
6.6049e-04

-CCTGCCCT-
CCCCNCCCC



MA0065.2_PPARG_RXRA 7.0452e-04

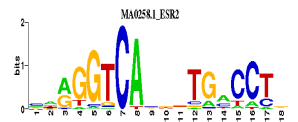
----CCTGCCCT--
TGMCCTTGNCYNN



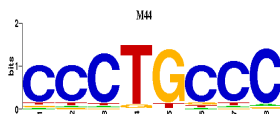
MA0258.1_ESR2

9.5921e-04

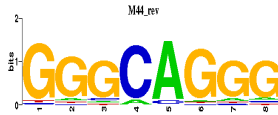
-----CCTGCCCT--
NAGGNCANNNTGACCYNN



M44



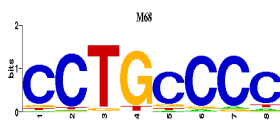
forward



reverse compliment

| Name | E value | Alignment | Motif |
|---------------------|------------|----------------------------------------|-------|
| MA0079.2_SP1 | 1.1430e-06 | --GGGCAGGG GGGGGNGGGG | |
| MA0112.2_ESR1 | 2.5789e-06 | -----CCCTGCCC- NNNNNAGGTCANNNTGACCY | |
| MA0039.2_Klf4 | 6.9513e-05 | -CCCTGCCC- GCCMCRCNN | |
| MA0079.1_SP1 | 8.5573e-05 | -CCCTGCCC- ACCCNGCCNN | |
| MA0065.2_PPARG_RXRA | 1.6888e-04 | ---GGGCAGGG--- NNRGGNCAAAGGKCA | |

M68



forward

reverse compliment

| Name | E value | Alignment | Motif |
|---------------|------------|-------------------------|-------|
| MA0079.2_SP1 | 1.3814e-06 | -GGGCAGG- GGGGGNGGGG | |
| MA0123.1_abi4 | 4.4381e-05 | -GGGCAGG- NGNNGCRSCG | |

Stamp Results

10/01/13

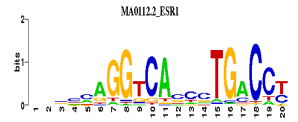
MA0443.1_btd 7.9914e-05

CCTGCCCC--
YCCGCCCMCN



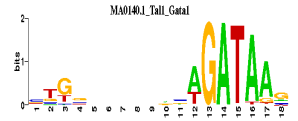
MA0112.2_ESR1 1.8121e-04

GGGGCAGG-----
RGGTCANNNTGACCTNNNNN

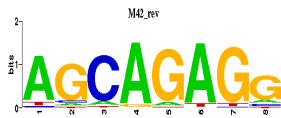
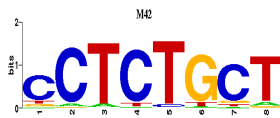


MA0140.1_Tal1_Gata1 4.1898e-04

----CCTGCCCC-----
NTTATCTNNNNNNNNNCNN



M42



forward

reverse compliment

Name

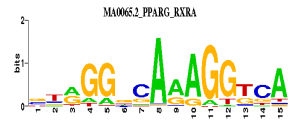
E value

Alignment

Motif

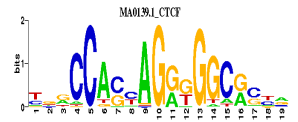
MA0065.2_PPARG_RXRA 8.3101e-05

---CCTCTGCT---
TGMCCTTTGNCCYNN



MA0139.1_CTCF 1.7888e-04

----AGCAGAGG-----
YNNCCASYAGGKGGCRSNN



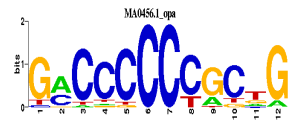
MA0287.1_CUP2 4.9157e-04

--CCTCTGCT-
CWTTTTYTGCTG



MA0456.1_opa 5.6482e-04

-AGCAGAGG---
CNGCGGGGGGK

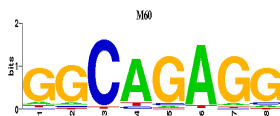


MA0364.1_REI1 1.2414e-03

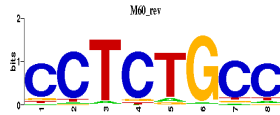
AGCAGAGG
-NCAGGGG



M60



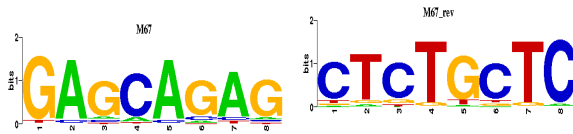
forward



reverse compliment

| Name | E value | Alignment | Motif |
|---------------------|------------|-----------------------------------|-------|
| MA0065.2_PPARG_RXRA | 1.2502e-07 | ---CCTCTGCC--- TGMCCTTTGNCCYNN | |
| MA0283.1_CHA4 | 4.8386e-05 | CCTCTGCC NCTCCGCC | |
| MA0114.1_HNF4A | 3.2954e-04 | ---CCTCTGCC-- TGNMCTTTGNNCY | |
| MA0062.1_GABPA | 3.9570e-04 | ---GGCAGAGG ACCGGAAGNS- | |
| MA0364.1_REI1 | 1.2481e-03 | GGCAGAGG -NCAGGG | |

M67

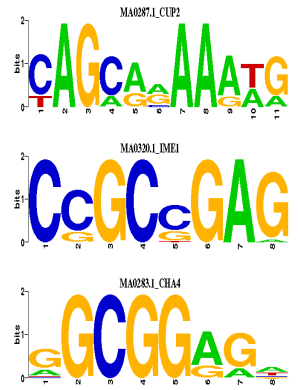


forward

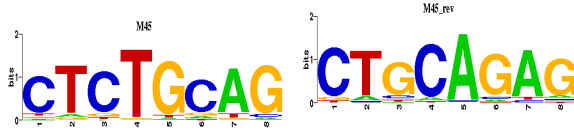
reverse compliment

| Name | E value | Alignment | Motif |
|---------------------|------------|-----------------------------------|-------|
| MA0326.1_MAC1 | 2.2289e-05 | -GAGCAGAG YGAGCAA- | |
| MA0065.2_PPARG_RXRA | 2.9374e-04 | ---GAGCAGAG--- NNRGGNCAAAGGKCA | |

| | | |
|---------------|------------|----------------------------|
| MA0287.1_CUP2 | 6.4232e-04 | ---CTCTGCTC CWTTTTYGCTG |
| MA0320.1_IME1 | 6.5907e-03 | CTCTGCTC CTCGGCGG |
| MA0283.1_CHA4 | 6.6418e-03 | -CTCTGCTC NCTCCGCC- |



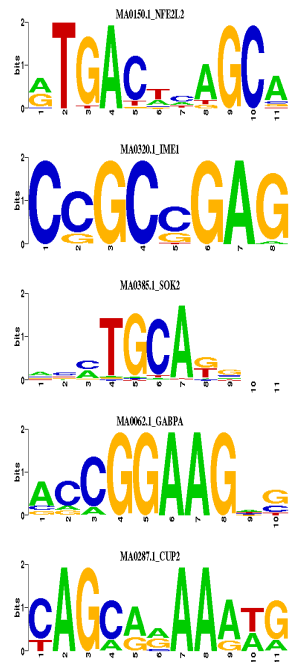
M45



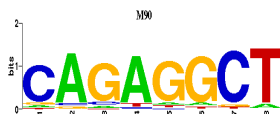
forward

reverse compliment

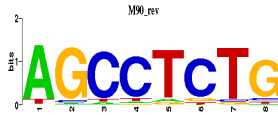
| Name | E value | Alignment | Motif |
|-----------------|------------|------------------------------|-------|
| MA0150.1_NFE2L2 | 5.0019e-04 | CTGCAGAG---- -TGCTNwGTCAY | |
| MA0320.1_IME1 | 6.0752e-04 | CTCTGCAG CTCGGCGG | |
| MA0385.1_SOK2 | 1.1829e-03 | -CTCTGCAG-- NNNMTGCAKNN | |
| MA0062.1_GABPA | 2.2114e-03 | CTCTGCAG-- SNCTTCCGGT | |
| MA0287.1_CUP2 | 2.7145e-03 | ---CTCTGCAG CWTTTTYGCTG | |



M90



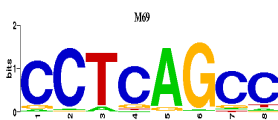
forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|--------------------|----------------|-----------------------------------------|--------------|
| MA0364.1_REI1 | 1.4460e-03 | -CAGAGGCT NCAGGGG-- | |
| MA0412.1_UME6 | 1.8476e-03 | ----AGCCTCTG- AwwTAGCCGCCSA | |
| MA0081.1_SPIB | 2.2330e-03 | AGCCTCTG TTcCKST- | |
| MA0290.1_DAL81 | 5.9091e-03 | ---AGCCTCTG----- AAAAGCCGCGGGCGGGATT | |
| MA0091.1_TAL1_TCF3 | 7.0608e-03 | --CAGAGGCT-- AMCAGATGKTNN | |

M69




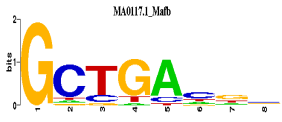
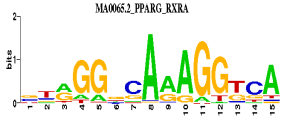
forward

reverse compliment

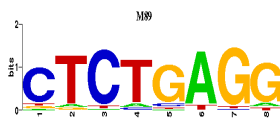
| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|----------------|----------------|----------------------|--------------|
| MA0283.1_CHA4 | 4.6431e-05 | CCTCAGCC NCTCCGCC | |
| MA0332.1_MET28 | 9.3647e-05 | GGCTGAGG --CTGTGG | |

Stamp Results

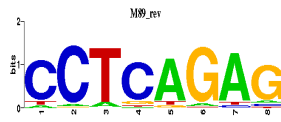
10/01/13

| | | | |
|---------------------|------------|-----------------------------------|-------------------------------------------------------------------------------------|
| MA0150.1_NFE2L2 | 9.9259e-05 | GGCTGAGG--- TGCTNWTGTCAY |  |
| MA0117.1_Mafb | 8.2066e-04 | -CCTCAGCC NNNTCAGC- |  |
| MA0065.2_PPARG_RXRA | 8.9575e-04 | ---CCTCAGCC--- TGMCCTTTGNCCYNN |  |


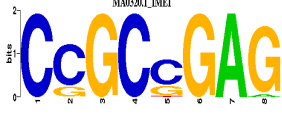



M89



forward



reverse compliment

| <i>Name</i> | <i>E value</i> | <i>Alignment</i> | <i>Motif</i> |
|------------------|----------------|--------------------------|---------------------------------------------------------------------------------------|
| MA0332.1_MET28 | 9.9371e-05 | CCTCAGAG CCACAG-- |  |
| MA0320.1_IME1 | 7.1584e-04 | CTCTGAGG CTCGGCGG |  |
| MA0335.1_MET4 | 2.3967e-03 | CCTCAGAG CCACAGNT |  |
| MA0432.1_YNR063W | 3.5612e-03 | CCTCAGAG-- --TCGGAGAT |  |
| MA0282.1_CEP3 | 7.6950e-03 | -CTCTGAGG NTTCCGAR- |  |

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