

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

Input file: 8 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 :      ----NTGGGCT--
M1 :      NNNGGTGGGN---
M2 :      -----GGGGCAN
M3 :      ---WGTGGGG---
M4 :      -----GGGGG---
M5 :      -----GGAGG--
M6 :      -----TGGCTG--
M7 :      ----TTGCAG---
  
```

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



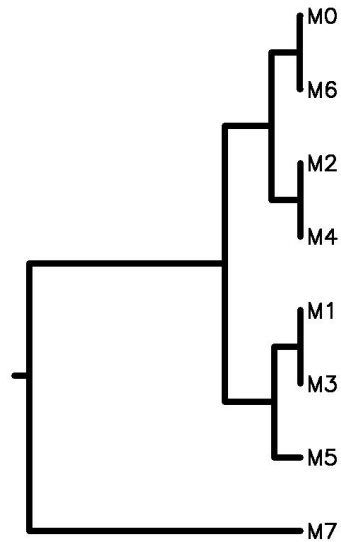
Motif Tree




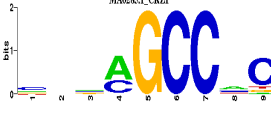

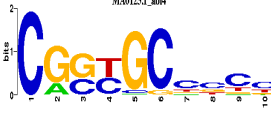

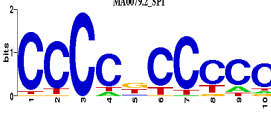
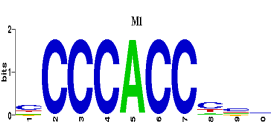




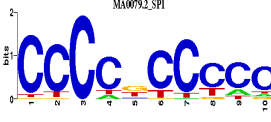


Tree (drawn by [Phylip](#))

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

Input Motif

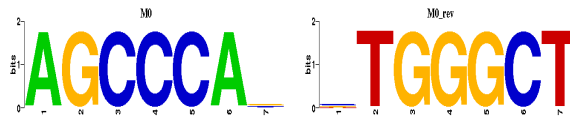
Best match in
JASPAR



 <p>M0</p>	 <p>MA0162.1_Egr1 (E val: 1.7980e-03)</p>
 <p>M6</p>	 <p>MA0285.1_CRZ1 (E val: 4.7602e-04)</p>
 <p>M2</p>	 <p>MA0123.1_abi4 (E val: 3.7823e-05)</p>
 <p>M4</p>	 <p>MA0079.2_SP1 (E val: 1.2535e-05)</p>
 <p>M1</p>	 <p>MA0436.1_YPR022C (E val: 6.6516e-04)</p>
 <p>M3</p>	 <p>MA0436.1_YPR022C (E val: 3.6501e-08)</p>
 <p>M5</p>	 <p>MA0079.2_SP1 (E val: 3.6958e-04)</p>
 <p>M7</p>	 <p>MA0244.1_slbo (E val: 6.5391e-05)</p>

Motif Similarity Matches

M0

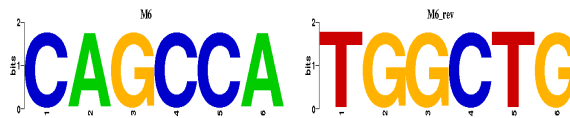


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0162.1_Egr1	1.7980e-03	-AGCCCAN--- MCGCCCACGCN	
MA0083.1_SRF	2.6400e-03	-----NTGGGCT CCATATATGGGC-	
MA0403.1_TBF1	5.0022e-03	-NTGGGCT NTAGGGYT	
MA0163.1_PLA1	7.1534e-03	-----NTGGGCT-- CCCCCTTNGGCCCC	
MA0436.1_YPR022C	1.0426e-02	-NTGGGCT NGTGGGG-	

M6



forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0285.1_CRZ1	4.7602e-04	-TGGCTG-- GNGGCTNNN	
MA0161.1_NFIC	1.2623e-03	CAGCCA- -NGCCAA	

Stamp Results

03/21/14

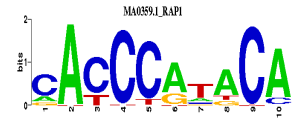
MA0263.1_ttx-3_c 1.4870e-03

--TGGCTG-----
ATTGGYTTMGTTAR



MA0359.1_RAP1 1.9742e-03

----TGGCTG
TGTATGGGTG

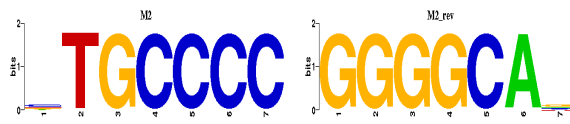


MA0368.1_RIM101 3.3686e-03

--TGGCTG
CTTGGCR-



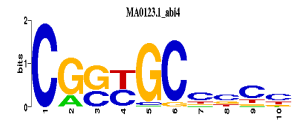
M2

*forward**reverse complement**Name**E value**Alignment**Motif*

MA0123.1_abi4

3.7823e-05

-GGGGCAN--
NGNNGCRSCG



MA0155.1_INSM1

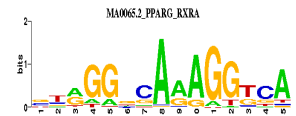
2.5723e-04

NTGCCCC-----
-YGCCCCCTGRCA



MA0065.2_PPARG_RXRA 3.1756e-04

--GGGGCAN-----
NNRGGNCAAAGGKCA



MA0341.1_MSN2

1.0042e-03

-GGGGCAN
AGGGG---



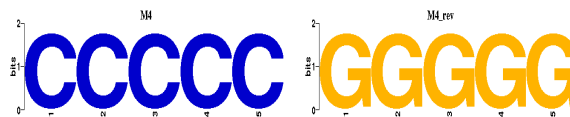
MA0342.1_MSN4

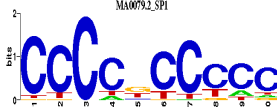
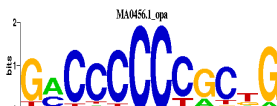



1.0045e-03

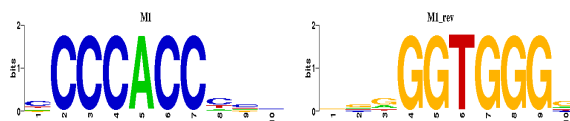
-GGGGCAN
AGGGG---







M4



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0079.2_SP1	1.2535e-05	GGGGG----- GGGGGNGGGG	
MA0456.1_opa	1.4081e-05	--CCCC----- GMCCCCCGCNG	
MA0155.1_INSM1	2.2293e-05	--CCCC----- YGCCCCCTGRCA	
MA0163.1_PLAG1	2.5075e-05	CCCC----- CCCCCTTNGGCCCC	
MA0057.1_MZF1_5-13	3.2119e-05	--CCCC----- NTNCCCCCTMN	

M1

	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0436.1_YPR022C	6.6516e-04	NNNGGTGGGN ---NGTGGGG	
MA0373.1_RPN4	9.1322e-04	NNNGGTGGGN ---GGTGGCG	
MA0268.1_ADR1	2.1079e-03	NNNGGTGGGN ----KTGGGGN	
MA0039.2_Klf4	5.8003e-03	-NCCCACNNN GCCMCRCNN-	

Stamp Results

03/21/14

MA0337.1_MIG1

1.0230e-02

NNNGGTGGGN--
 ----SYGGGGN



M3

*forward**reverse compliment**Name**E value**Alignment**Motif*

MA0436.1_YPR022C 3.6501e-08

WGTGGGG
 NGTGGGG



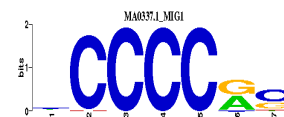
MA0268.1_ADR1 1.7562e-07

WGTGGGG--
 --KTGGGGN



MA0337.1_MIG1 2.9742e-06

WGTGGGG--
 --SYGGGGN



MA0339.1_MIG3 3.7625e-06

WGTGGGG
 NGYGGGG



MA0338.1_MIG2 6.1980e-06

WGTGGGG
 NGYGGGG



M5

*forward**reverse compliment**Name**E value**Alignment**Motif*

MA0079.2_SP1 3.6958e-04

---GGAGG--
 GGGGGNNGGGG



Stamp Results

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MA0090.1_TEAD1 7.9624e-04

—GGAGG-----
CNSWGGAATGTR



MA0354.1_PDR8 1.8131e-03

—CCTCC--
ATCTCCGN



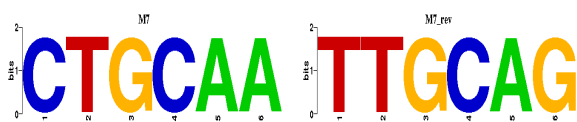
MA0432.1_YNR063W 1.8509e-03

—CCTCC--
ATCTCCGA



MA0430.1_YLR278C 1.8969e-03

—CCTCC--
AACTCCGN

**M7***forward**reverse compliment**Name**E value**Alignment**Motif*

MA0244.1_slbo

6.5391e-05

—CTGCAA—
TKNGYAAT



MA0019.1_Ddit3_Cebpα 1.6782e-04

----TTGCAG--
GSNATTGCAYNN



MA0453.1_nub

3.8792e-04

----TTGCAG--
NTNATTTGCATA



MA0142.1_Pou5f1

5.8283e-04

--TTGCAG-----
ATTTGCATNACAAG



MA0385.1_SOK2

6.3396e-04

---CTGCAA--
NNNMTGCAKNN



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