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Input file: 8 motifs loaded

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

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

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

[Download results as a PDF](#)

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## Multiple Alignment

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

```

M0 :      ----NTGGGCT--
M1 :      NNNGGTGGGN---
M2 :      -----GGGGCAN
M3 :      ---WGTGGGG---
M4 :      -----GGGGG---
M5 :      -----GGAGG--
M6 :      -----TGGCTG--
M7 :      ----TTGCAG---
  
```

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



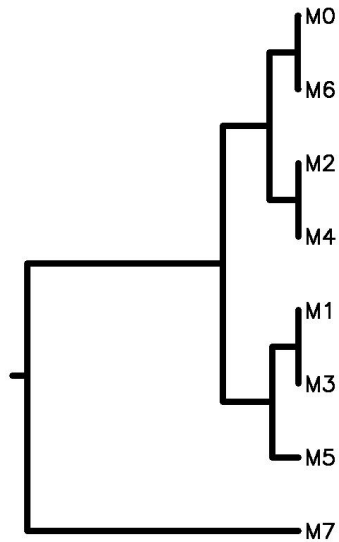
## Motif Tree

Tree (drawn by [Phylip](#))

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

Input Motif

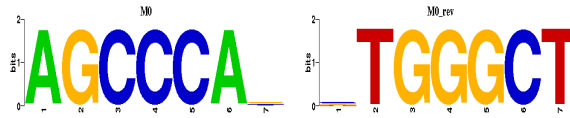
Best match in  
TRANSFAC



 <u>M0</u>	 SREBP-1_M00749 (E val: 3.2611e-04)
 <u>M6</u>	 SMAD4_M00733 (E val: 3.3178e-06)
 <u>M2</u>	 HNF4_M01033 (E val: 5.0036e-05)
 <u>M4</u>	 MOV0-B_M01104 (E val: 5.9950e-07)
 <u>M1</u>	 CAC-binding_M00720 (E val: 1.6857e-04)
 <u>M3</u>	 SREBP-1_M00221 (E val: 1.1714e-06)
 <u>M5</u>	 MAZ_M00649 (E val: 1.0606e-06)
 <u>M7</u>	 Oct-1_M00342 (E val: 3.9127e-05)

# Motif Similarity Matches

**M0**

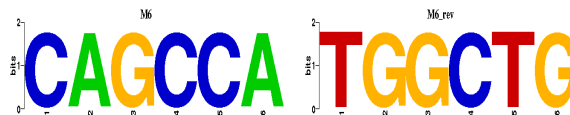


*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
SREBP-1_M00749	3.2611e-04	NTGGGCT -TGGSGT	
PCF2_M00948	5.8855e-04	NTGGGCT-- GTGGGNCCN	
Poly_M00211	1.6109e-03	-AGCCCAN GAGACCAC	
Egr-3_M00245	1.8933e-03	---NTGGGCT- TGCGTGGGCGT	
Egr-1_M00243	2.0090e-03	-AGCCCAN--- MCGCCCACGCA	

**M6**



*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
SMAD4_M00733	3.3178e-06	-----CAGCCA--- NSRKNCAGMCANCY	
YY1_M00069	2.9558e-05	-----TGGCTG-- NNCNGCCATCTTGNNTSNW	

## Stamp Results

03/21/14

Dde\_M00304 3.1223e-05

TGGCTG---  
-GGCTGAGC

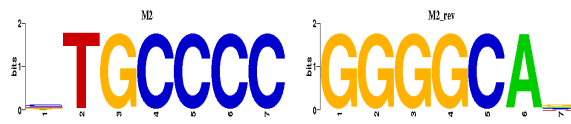
alpha-CP1\_M00687 8.5468e-05

-----TGGCTG  
CTCATTGGCT-

E2F-1\_M00430 4.1514e-04

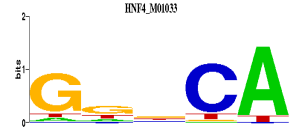
CAGCCA-  
CCGCSAA

## M2

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

HNF4\_M01033

5.0036e-05

NTGCCCC  
-TGNNC-

Sp1\_M00933

6.6991e-04

-GGGGCAN-  
NGGGGMGGG

Egr\_M00807

6.8139e-04

-NTGCCCC--  
NYYGCSCCCA

CF1\_M00112

1.0698e-03

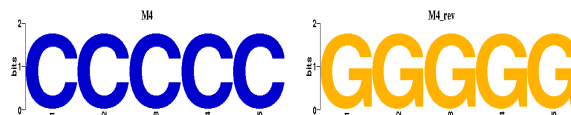
-NTGCCCC  
NGTGACCC




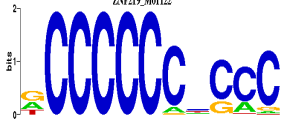

CF1\_M00111

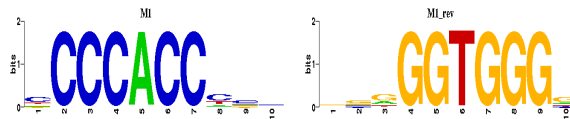
1.1045e-03



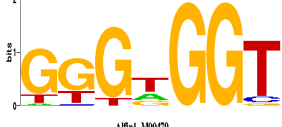

-NTGCCCC  
NNTGACCC

## M4



	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MOVO-B_M01104	5.9950e-07	CCCCC- CCCCCN	
Churchill_M00986	3.1742e-06	CCCCC NNCCC	
GBF_M00633	4.9506e-06	--CCCCC- NACCCNA	
ZNF219_M01122	9.4711e-06	-----GGGGG- GGGNGGGGGN	
LRF_M01100	1.1627e-05	GGGGG--- GGGKYN	

**M1**

	<i>forward</i>	<i>reverse compliment</i>	
<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
CAC-binding_M00720	1.6857e-04	NCCCACCNNN -CCASCY-	
RBP-Jkappa_M01111	1.0883e-03	NNNGGTGGGN ---NGTGGGA	
Tra-1_M01049	2.0564e-03	NCCCACCNNN -ACNCCC-	
Alfin1_M00479	2.8913e-03	---NCCCACCNNN- MNNCCCCACNYYN	

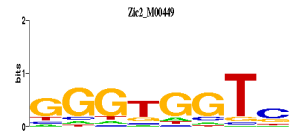
# Stamp Results

03/21/14

Zic2\_M00449

2.9769e-03

NNNGGTGGGN  
--GGGTGGTN



**M3**



*forward*



*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

SREBP-1\_M00221

1.1714e-06

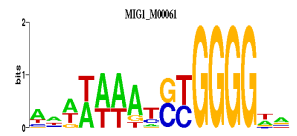
WGTGGGG---  
-GTGGGGTIGAT



MIG1\_M00061

1.2515e-05

--CCCCACW-----  
NNCCCCRSNTTTWWNN



Alfin1\_M00479

1.3395e-05

---CCCCACW-----  
MNNCCCCACNYNYN



SREBP-1\_M00749

3.7158e-05

WGTGGGG-  
--TGGSGT



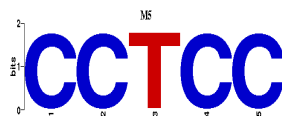
RBP-Jkappa\_M01111

3.8893e-05

WGTGGGG  
NGTGGGA



**M5**



*forward*



*reverse compliment*

*Name*

*E value*

*Alignment*

*Motif*

MAZ\_M00649

1.0606e-06

-CCTCC-  
CCCTCCC



TFII-I\_M00706

1.2526e-05

---GGAGG  
GANGKAGG



Tra-1\_M01048

1.4499e-05

-CCTCC-  
ACCWCCC



ETF\_M00695

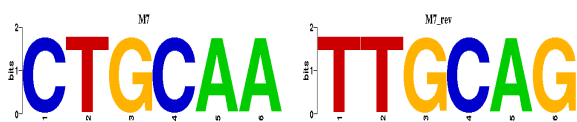
5.2571e-05

-GGAGG  
NGGCGG



UF1H3BETA\_M01068 6.0753e-05

---CCTCC-----  
GCCCCCTCCCCRC

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

Oct-1\_M00342

3.9127e-05

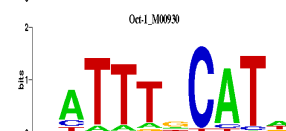
---TTGCAG  
NATTTGCAT



Oct-1\_M00930

8.7018e-05

-CTGCAA---  
NATGNAAATN



Octamer\_M00795

8.9064e-05

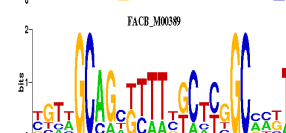
---TTGCAG-  
NATTTGCATN



FACB\_M00389

9.9311e-05

-----CTGCAA--  
ANNNGCNRNGMNAAAMNCTGCNNNN



CHOP-C-EBPalph\_M00249 1.6782e-04

-----TTGCAG-  
GGSNATTGCAYN



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