

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

Input file: [10 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](#)

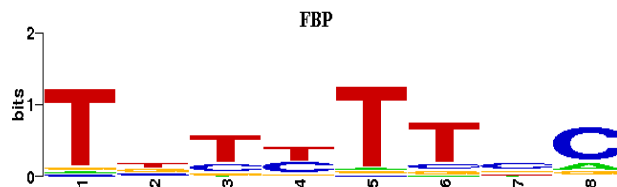
[Click here to run STAMP again.](#)

## Multiple Alignment

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

M0 :	---GGGTGGGG--
M1 :	TTTTTTTT----
M2 :	--TCCCTTCC--
M3 :	----TTTAAAA
M4 :	--TTTCTTTC--
M5 :	---TCCTTCCT--
M6 :	----TTTTCCTT
M7 :	---CTCTCCCA--
M8 :	-TTGTTTTTG---
M9 :	TGTGTTTT----

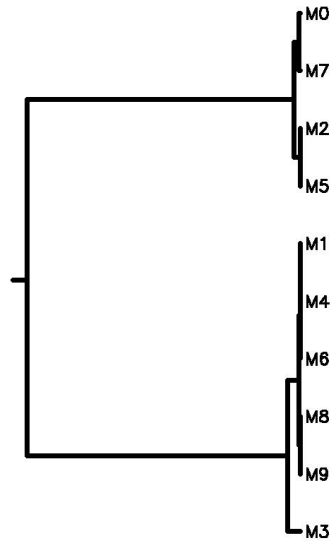
**Familial Profile:**  
([click for matrix](#))



## Motif Tree

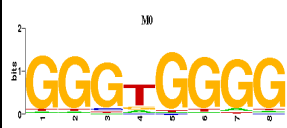

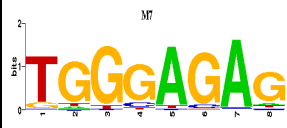

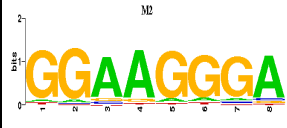

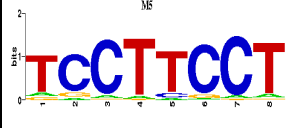

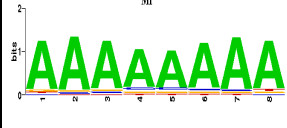

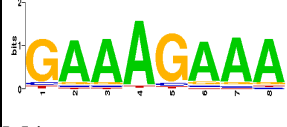


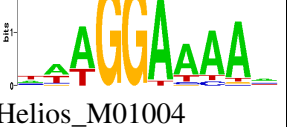
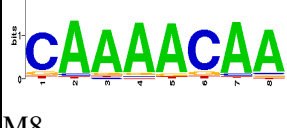
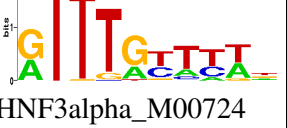
Tree (drawn by **PhyIip**)

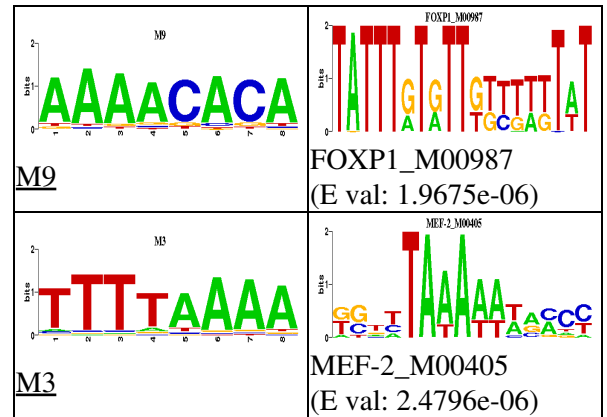
[Click here for Newick-format tree \(viewable with MEGA\)](#)



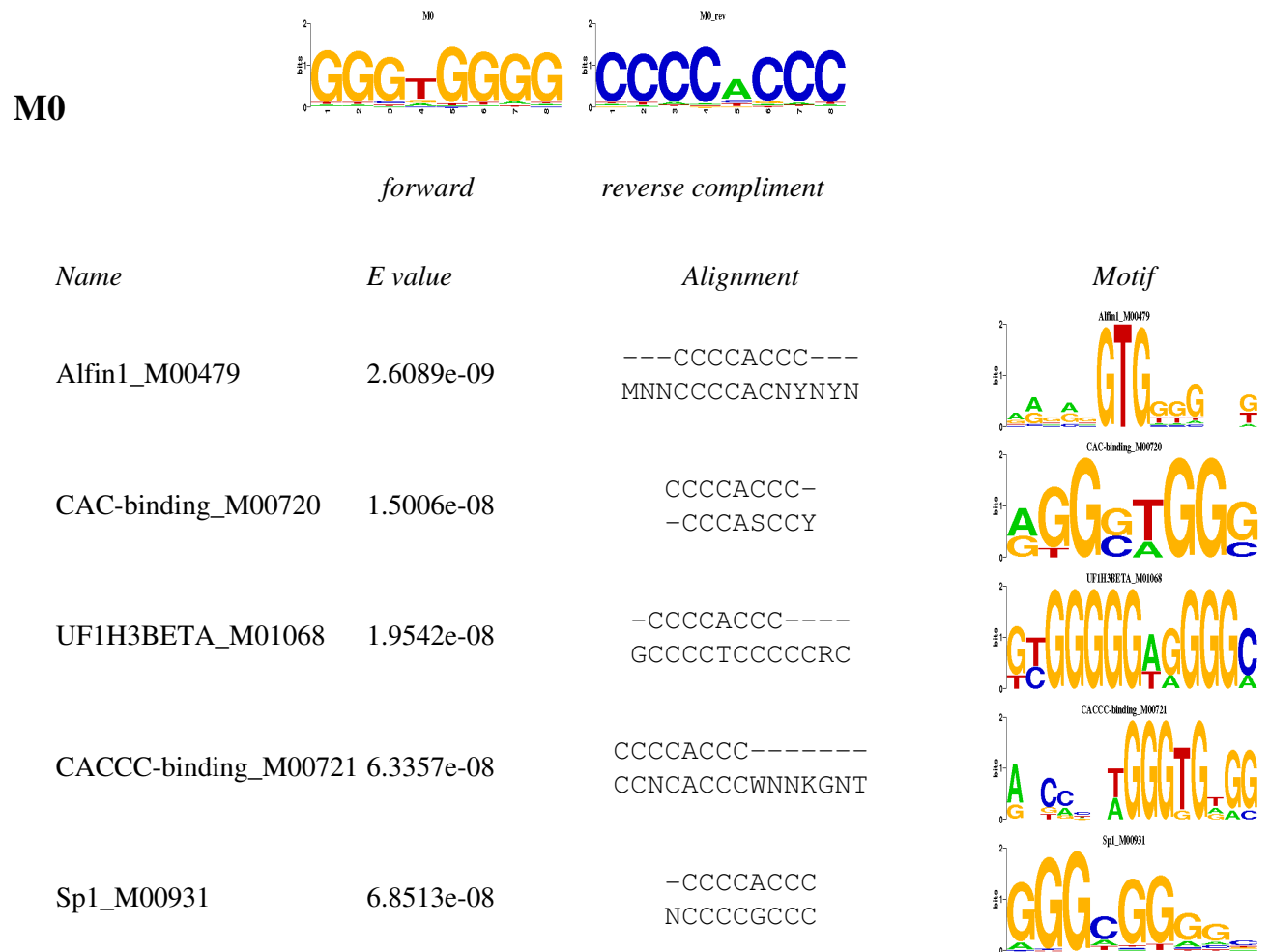
## Input Motif

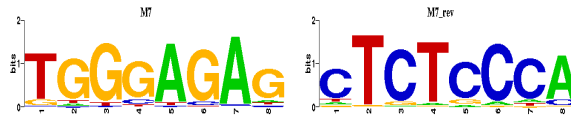
Best match in  
TRANSFAC

 <b>M0</b>	 <b>Alfin1_M00479</b> (E val: 2.6089e-09)
 <b>M7</b>	 <b>Lyf-1_M00141</b> (E val: 3.0076e-08)
 <b>M2</b>	 <b>BLIMP1_M01066</b> (E val: 3.9308e-09)
 <b>M5</b>	 <b>Tel-2_M00678</b> (E val: 7.9194e-08)
 <b>M1</b>	 <b>Hb_M00022</b> (E val: 1.0595e-06)
 <b>M4</b>	 <b>STE11_M01005</b> (E val: 2.2404e-08)
 <b>M6</b>	 <b>Helios_M01004</b> (E val: 2.1517e-11)
 <b>M8</b>	 <b>HNF3alpha_M00724</b> (E val: 3.6663e-06)

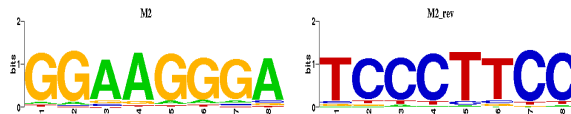


## Motif Similarity Matches



**M7***forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Lyf-1_M00141	3.0076e-08	CTCTCCCA- -YCTCCCAA	
MAZ_M00649	7.1605e-07	TGGGAGAG -GGGAGGG	
UF1H3BETA_M01068	3.2473e-05	----CTCTCCCA- GCCCCTCCCCRC	
RBP-Jkappa_M01111	1.8634e-04	--TGGGAGAG NGTGGGA---	
Nrf-2_M00108	3.4247e-04	-TGGGAGAG CCGGAAGNS	

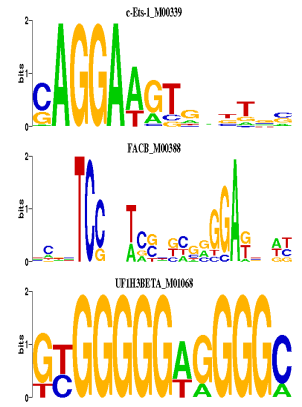
**M2***forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
BLIMP1_M01066	3.9308e-09	-----TCCCTTCC YMCTTTCMCTTYC	
MAZ_M00649	2.7849e-06	TCCCTTCC -CCCTCCC	

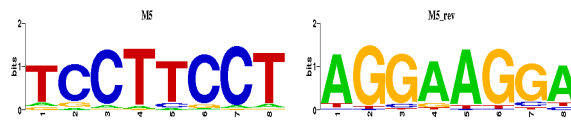
# Stamp Results

12/16/13

c-Ets-1_M00339	2.3799e-05	----TCCCTTCC-- NNMNNACTTCCTG
FACB_M00388	2.8976e-05	----TCCCTTCC----- NNNNTCCNNTNSNNNNNGGAKNNNN
UF1H3BETA_M01068	1.6788e-04	TCCCTTCC----- GCCCCCTCCCCRC



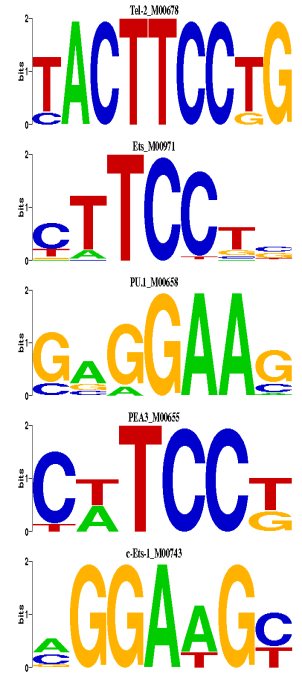
**M5**



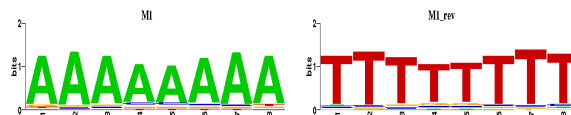
*forward*

*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Tel-2_M00678	7.9194e-08	-AGGAAGGA CAGGAAGTA	Tel-2_M00678 TACTTCC
Ets_M00971	3.1218e-07	-AGGAAGGA NAGGAAG--	Ets_M00971 TCTCC
PU.1_M00658	5.1498e-07	TCCTTCCT- --CTTCCTC	PU.1_M00658 GAGGAAG
PEA3_M00655	1.0708e-06	AGGAAGGA MGGAWG--	PEA3_M00655 CTTCC
c-Ets-1_M00743	2.1967e-06	TCCTTCCT -GCTTCCK	c-Ets-1_M00743 GGAAGC



**M1**



*forward* *reverse compliment*

*Name* *E value* *Alignment* *Motif*

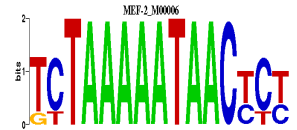
Hb\_M00022 1.0595e-06

-TTTTTTTT  
NTTTTNYK



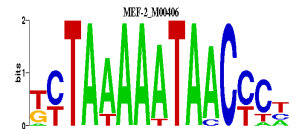
MEF-2\_M00006 2.2888e-06

---AAAAAAAA---  
TCTAAAAATAACYCY



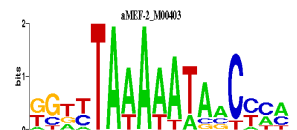
MEF-2\_M00406 3.0014e-06

---TTTTTTTT---  
NGGGTTATTTTAGM



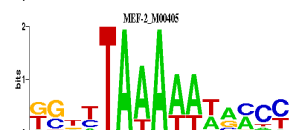
aMEF-2\_M00403 4.3255e-06

---TTTTTTTT---  
KKRGNTATTTTARNCM

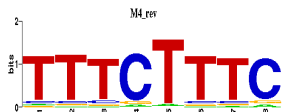
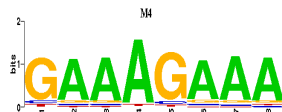


MEF-2\_M00405 5.2687e-06

--TTTTTTTT---  
RGKNWTTTTTANNSM



**M4**



*forward*

*reverse compliment*

*Name* *E value*

*Alignment*

*Motif*

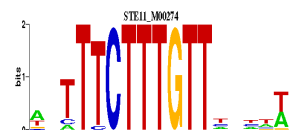
STE11\_M01005 2.2404e-08

TTTCTTTC---  
TTTCTTTGTC



STE11\_M00274 3.9894e-07

-----GAAAGAAA--  
WNNNNAACAAAGAAANW



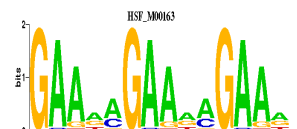
Rim101p\_M01030 1.7246e-06

TTTCTTTC  
TTNCTTG-



HSF\_M00163 5.5628e-06

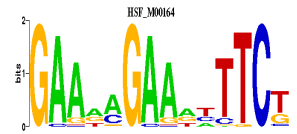
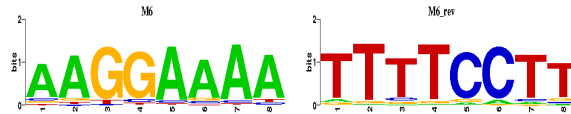
-----TTTCTTTC-  
NTTCTNTTCTNTTC



HSF\_M00164

5.5628e-06

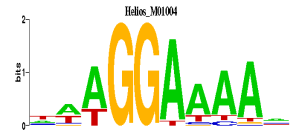
-----TTTCTTTC--  
AGAANNTTCTNTTC

**M6***forward**reverse compliment**Name**E value**Alignment**Motif*

Helios\_M01004

2.1517e-11

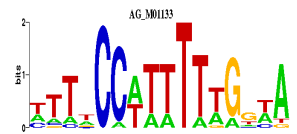
-TTTTCCCTT-  
NTTTCCTWN



AG\_M01133

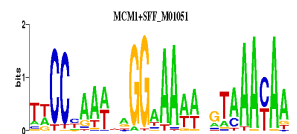
2.8728e-07

-----AAGGAAAA  
TWNCAAAAAWGGNAAN



MCM1+SFF\_M01051 5.4507e-06

-----TTTTCCCTT-----  
TTRTTTANNTWTTNCCNNWTTNGGNA



BLIMP1\_M01066

1.1505e-05

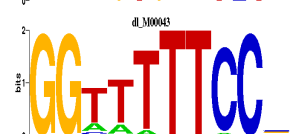
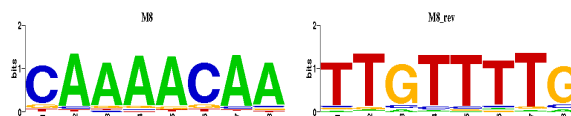
--AAGGAAAA--  
GRAAGKGAAAGKR



dl\_M00043

1.5055e-05

---TTTTCCCTT  
GGTTTTTCN-

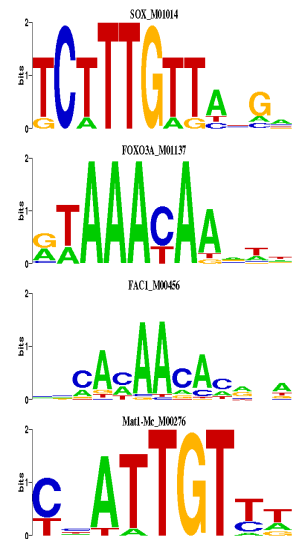
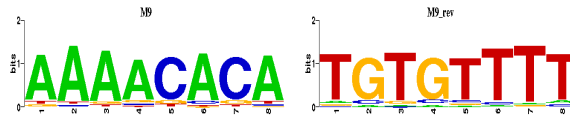
**M8***forward**reverse compliment**Name**E value**Alignment**Motif*

HNF3alpha\_M00724 3.6663e-06

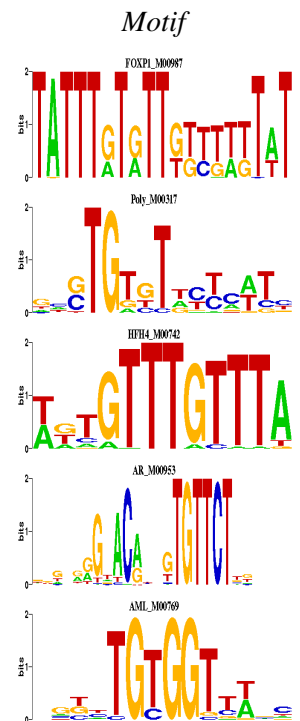
CAAAACAA--  
NWRARCAAAAY



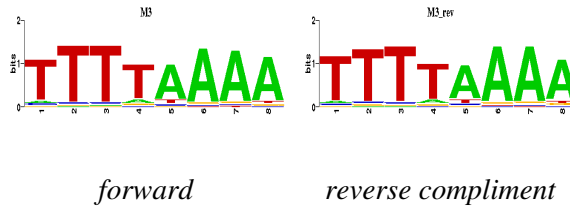
SOX_M01014	7.2589e-06	---TTGTTTTG- TCTTTGTTANGN
FOXO3A_M01137	2.2362e-05	---TTGTTTTG NNNTTGTTTAY
FAC1_M00456	3.6136e-05	---TTGTTTTG-- NNNTTGTTKTGNN
Mat1-Mc_M00276	3.9966e-05	CAAAACAA--- --NRACAATNG

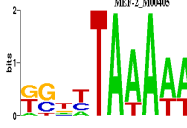

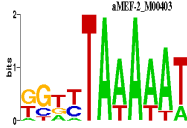

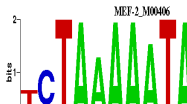
**M9***forward**reverse compliment*

Name	E value	Alignment
FOXP1_M00987	1.9675e-06	-----AAAACACA----- ATAAAAAACAACACAAATA
Poly_M00317	8.8246e-06	----AAAACACA--- NAWKRRNAMACASNN
HFH4_M00742	1.5592e-05	----AAAACACA TAAACAAACAMW
AR_M00953	2.8895e-05	-----AAAACACA----- NNNNNNAGAACACNNTGTNCYNNNNN
AML_M00769	3.6018e-05	----TGTGTTTT-- NNNTGTGGTYWNN





**M3**

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MEF-2_M00405	2.4796e-06	-----TTTTAAAA- RGKNWTTTTTANNM	
TATA_M00216	5.8322e-06	-TTTTAAAA NTTTTATAG	
aMEF-2_M00403	1.6840e-05	-----TTTTAAAA- KKRGNTATTTTTARNM	
Abd-B_M01094	2.4853e-05	TTTTAAAA TTTTAT--	
MEF-2_M00406	1.2717e-04	-----TTTTAAAA NGGGTTATTTTTAGM-	

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