Jump to: Multiple Alignment Motif Tree Motif Matching
Input file: 4 motifs loaded
Settings: Metric=PCC, Alignment=SWU, Gap-open=1000, Gap-extend=1000, -nooverlapalign
Multiple Alignment=IR, Tree=UPGMA, Matching against: JASPAR_Fams
Note: All results files are removed nightly at midnight EST. Please save your results by saving "Webpage, complete".
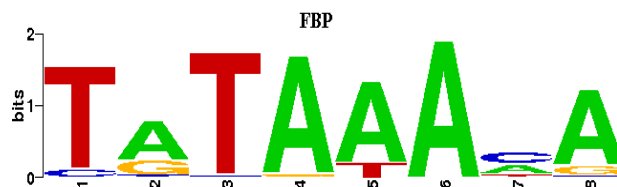Download results as a PDF
Click here to run STAMP again.

Multiple Alignment

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

```
TATAWAAA:              -TATAWANR-
GTATAAAA:              GTATAAAA--
CTGTTTAT:              --ATAAACAG
TGTTTACA:              -TGTAAACA-
```
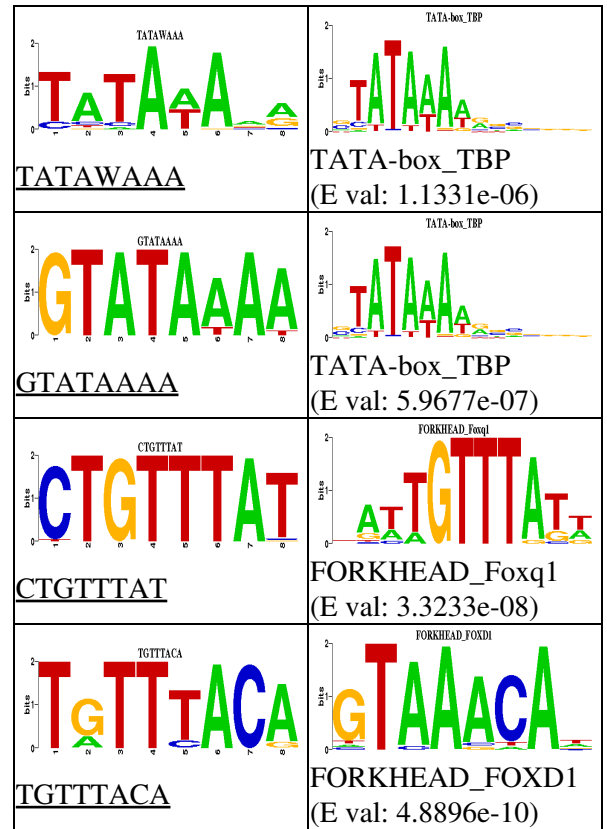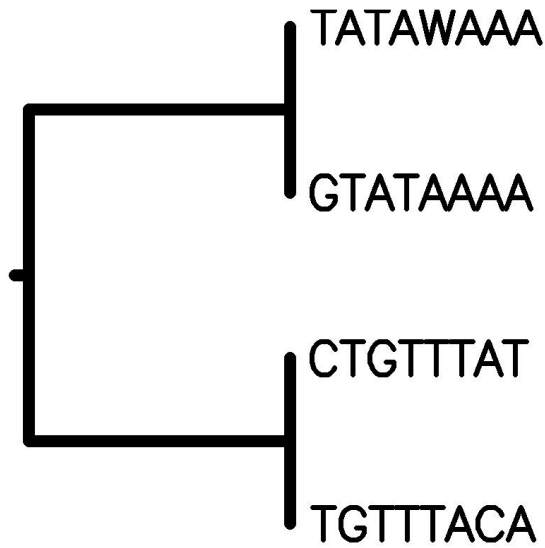
Familial Profile:
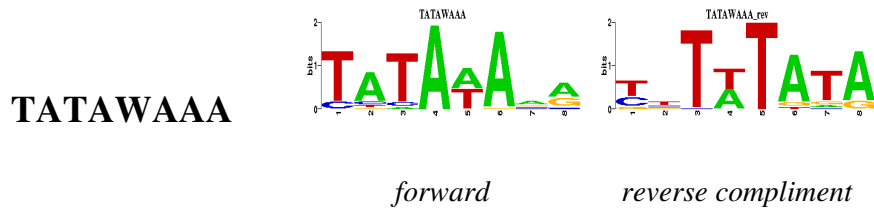**(click for matrix)**

Motif Tree

Tree (drawn by Phylip) Click here for Newick-format tree (viewable with MEGA)	**Input Motif**	**Best match in JASPAR_Fams**

TATAWAAA

GTATAAAA

CTGTTTAT

TGTTTACA

TATAWAAA

TATA-box_TBP
(E val: 1.1331e-06)

GTATAAAA

TATA-box_TBP
(E val: 5.9677e-07)

CTGTTTAT

FORKHEAD_Foxq1
(E val: 3.3233e-08)

TGTTTACA

FORKHEAD_FOXD1
(E val: 4.8896e-10)

Motif Similarity Matches

TATAWAAA

forward   *reverse compliment*

Name	*E value*	*Alignment*	*Motif*
TATA-box_TBP	1.1331e-06	------YNTWTATA- NNNNNNYWTTTATAN	
ZN-FINGER_C2H2_hb	3.6111e-06	-YNTWTATA- NTTTTTNYKS	
MADS_MEF2A	8.8489e-06	-YNTWTATA- CTATTTATAG	

2

ZN-FINGER_C2H2_CF2-II   4.3873e-05   -YNTWTATA-
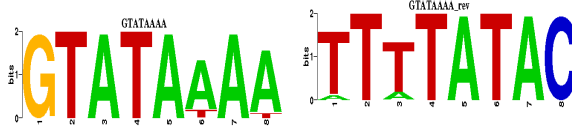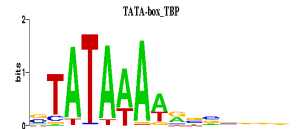   NTAYATATAY

MADS_AGL3   3.8595e-04   -YNTWTATA-
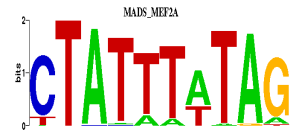   CTATWTWTGG
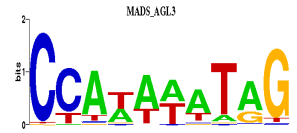
GTATAAAA

forward	*reverse compliment*

Name	*E value*	*Alignment*	*Motif*
TATA-box_TBP	5.9677e-07	-------TTTTATAC NNNNNNYWTTTATAN	
MADS_MEF2A	3.6428e-05	--TTTTATAC CTATTTATAG	
ZN-FINGER_C2H2_hb	5.6788e-05	--TTTTATAC NTTTTTNYKS	
ZN-FINGER_C2H2_CF2-II	7.5147e-04	--TTTTATAC NTAYATATAY	
FORKHEAD_Foxq1	1.8255e-03	GTATAAAA---- -WATAAACAATN	
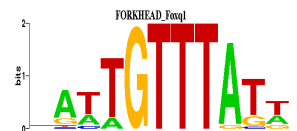
CTGTTTAT

forward	*reverse compliment*

3
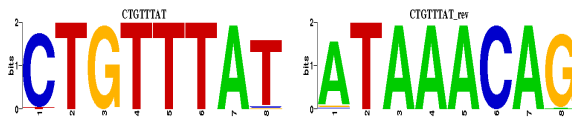
Name	*E value*	*Alignment*	*Motif*
FORKHEAD_Foxq1	3.3233e-08	-ATAAACAG-- WATAAACAATN	
MADS_MEF2A	5.2183e-07	--ATAAACAG CTATAAATAG	
FORKHEAD_FOXD1	1.1940e-06	CTGTTTAT NTGTTTAC	
FORKHEAD_FOXI1	1.0175e-05	--ATAAACAG-- AWAYAAAYANNN	
ZN-FINGER_C2H2_Broad-complex_1	1.7552e-05	---CTGTTTAT--- NWYTTGTYTATNAN	

TGTTTACA
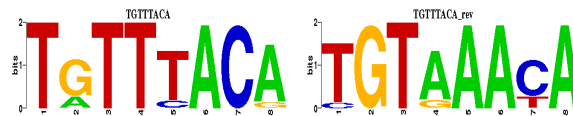
	forward	*reverse compliment*	

Name	*E value*	*Alignment*	*Motif*
FORKHEAD_FOXD1	4.8896e-10	-TGTTTACA NTGTTTAC-	
FORKHEAD_FOXF2	2.5893e-07	----TGTAAACA-- NNANSGTAAACANN	
ZN-FINGER_C2H2_Broad-complex_4	2.6265e-07	--TGTTTACA- WTWNTTTACTA	
FORKHEAD_Foxq1	4.3297e-05	---TGTTTACA NATTGTTTATW	

MADS_MEF2A   3.6999e-04   -TGTAAACA-
                                           CTATAAATAG

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<u>STAMP is written by Shaun Mahony</u>