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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: user-defined

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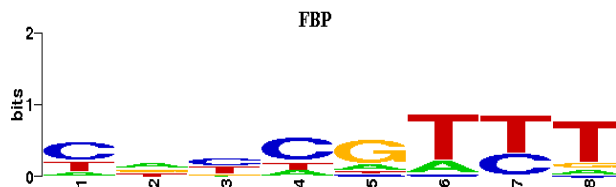
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Multiple Alignment

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

Motif1:	-----TCGTCTGCT--
Motif2:	-----YTTWTATA
Motif3:	----TCAGTY-----
Motif4:	---CGCCATCT----
Motif5:	---CARCGTTGCC--
Motif6:	-----KTGTTTAT--
Motif7:	-CCCWCCYYCY----
Motif8:	ANNTATCGATT----

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



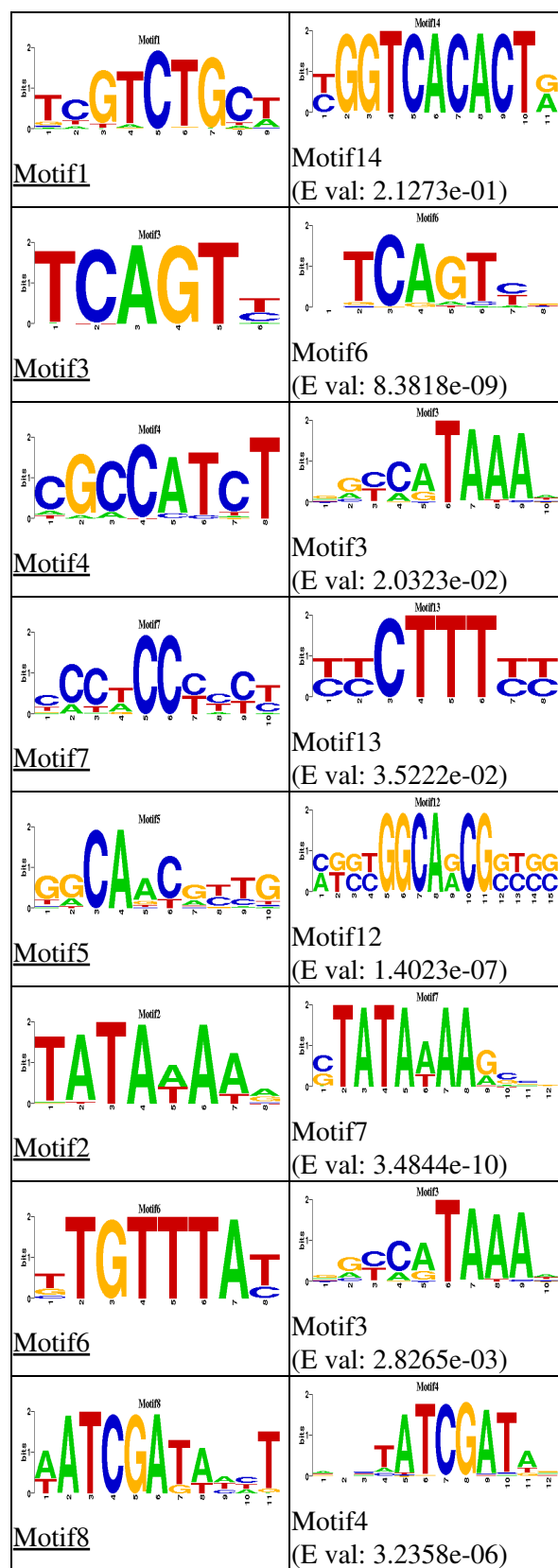
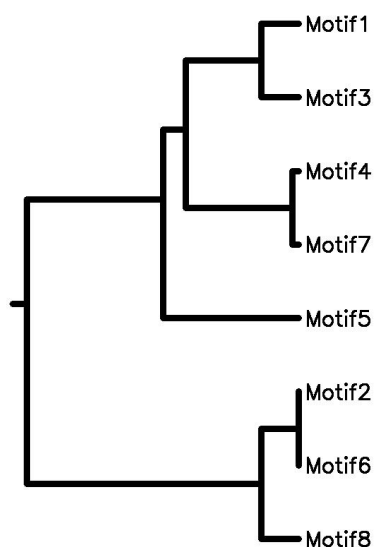
Motif Tree

Tree (drawn by [Phylip](#))

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

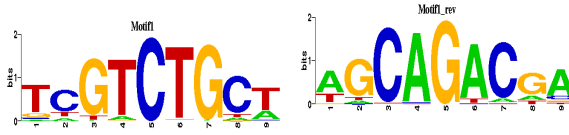
Input Motif

Best match in
user-defined



Motif Similarity Matches

Motif1

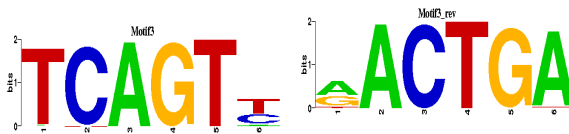


forward

reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Motif14	2.1273e-01	--AGCAGACGA YGGTCACACTR	
Motif8	2.3233e-01	AGCAGACGA ---RGWYNT	
Motif9	2.4445e-01	--TCGTCTGCT GTTSSGYTSG-	
Motif6	2.7437e-01	TCGTCTGCT -NRACTGAN	
Motif5	2.8216e-01	TCGTCTGCT--- NNRNCAGCTGNN	



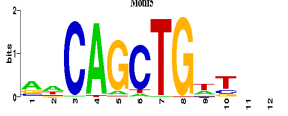

Motif3

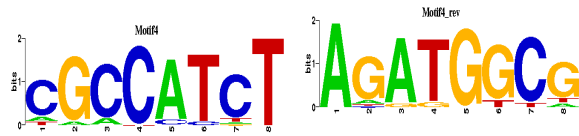






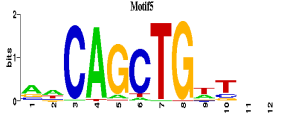
forward

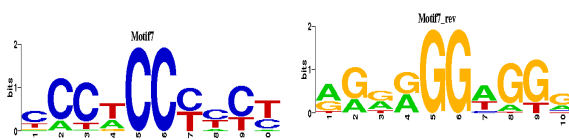
reverse compliment

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Motif6	8.3818e-09	-TCAGTY- NTCAGTYN	

Motif10	1.2708e-02	-----RACTGA- AAAWATACYRAM	
Motif8	6.5127e-02	--RACTGA ANRWCY--	
Motif5	6.9027e-02	---TCAGTY--- NNRNCAGCTGNN	
Motif14	8.1892e-02	TCAGTY----- -YAGTGTGACCR	

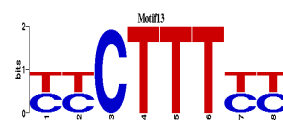
Motif4*forward**reverse compliment*

Name	E value	Alignment	Motif
Motif3	2.0323e-02	--AGATGGCG NTTTATGRCN	
Motif2	2.1885e-02	AGATGGCG--- ----GGCGYSS	
Motif12	1.6974e-01	-----CGCCATCT SSRSCGYTGCCRSMK	
Motif8	1.9820e-01	CGCCATCT --ANRWCY	
Motif5	2.8226e-01	-CGCCATCT--- NNRNCAGCTGNN	

Motif7*forward**reverse compliment**Name**E value**Alignment**Motif*

Motif13

3.5222e-02

 RRRGGWGGG
 --RRAAGRR


Motif14

4.5639e-01

 -RRRGWGGG
 YAGTGTGACCR


Motif2

5.3817e-01

 RRRGGWGGG
 --GGCGYSS--

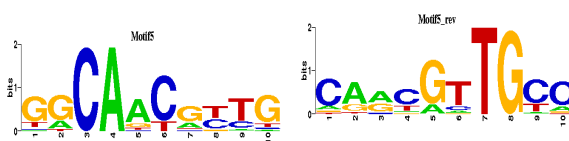

Motif8

6.1491e-01

 CCCWCCYYCY
 ANRWCY----


Motif12

7.3517e-01

 -RRRGWGGG----
 MKSYGGCARGSYSS
**Motif5***forward**reverse compliment**Name**E value**Alignment**Motif*

Motif12

1.4023e-07

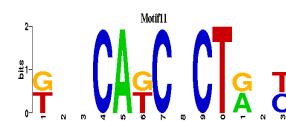
 ----GGCAACGYTG-
 MKSYGGCARGSYSS


Motif14

2.0678e-02

 CARCGTTGCC-
 YAGTGTGACCR

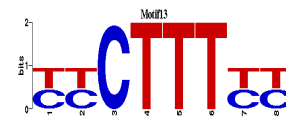

Motif11 1.4543e-01

GGCAACGYTG---
RNYAGNGMTGNNM

Motif9 2.3786e-01

-CARCGTTGCC
CSARCSSAAC-

Motif13 3.7526e-01

CARCGTTGCC
--YYCTTTY**Motif2***forward**reverse compliment**Name**E value**Alignment**Motif*

Motif7 3.4844e-10

-TATAWAAR---
STATAAAAGSNN

Motif3 9.4605e-03

YTTWTATA---
-NTTTATGRCN

Motif10 6.0196e-02

TATAWAAR-----
-AAAWATACYRAM

Motif13 1.2250e-01

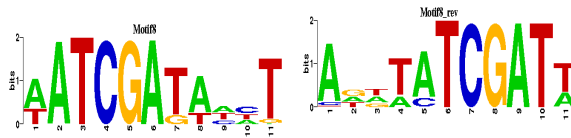
TATAWAAR--
--RRAAGRR

Motif4 2.2214e-01

-TATAWAAR---
NTATCGATANN**Motif6**

forward*reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Motif3	2.8265e-03	KTGTTTAT---- --NTTTATGRCN	
Motif7	1.2291e-02	--KTGTTTAT-- NNSCTTTTATAS	
Motif13	3.7056e-02	ATAAACAM RRAAAGRR	
Motif1	9.3000e-02	ATAAACAM- --MMMMNAY	
Motif10	9.8876e-02	--KTGTTTAT-- KTYRGTTATWTTT	

Motif8*forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
Motif4	3.2358e-06	-AATCGATANNT NTATCGATANNN	
Motif10	1.4592e-02	--ANNTATCGATT AAAWATACYRAM-	

Stamp Results

07/31/15

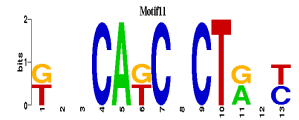
Motif8 4.4804e-02

AATCGATANNT
-----ANRWCY



Motif11 2.7816e-01

ANNTATCGATT---
-RNYAGNGMTGNNM



Motif7 2.9399e-01

----ANNTATCGATT
NNSCTTTTATAS---



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STAMP is written by Shaun Mahony