

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

Input file: [3 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".

[Download results as a PDF](#)

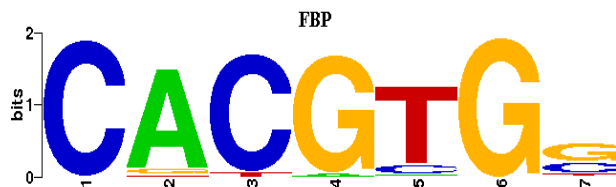
[Click here to run STAMP again.](#)

Multiple Alignment

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

```
cmcy_0h_merged:      CCACGTGS-
cmcy_0h_ref_motif1_r: -CACGTGGN
cmcy_0h_motif1_raw:  -CACGTGN-
```

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



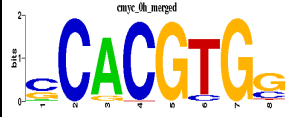




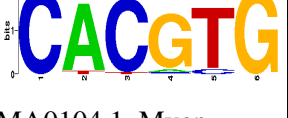
Motif Tree

Tree (drawn by [Phylip](#))

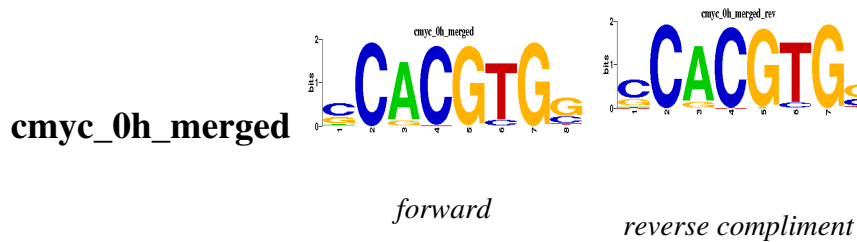
[Click here for Newick-format tree](#) (viewable with [MEGA](#))



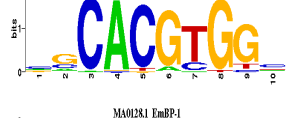

Input Motif

Best match in
JASPAR

 <p>cmcy_0h_merged</p>	 <p>MA0357.1_PHO4 (E val: 2.8129e-12)</p>
 <p>cmcy_0h_ref_motif1_r</p>	 <p>MA0128.1_EmBP-1 (E val: 1.6201e-09)</p>
 <p>cmcy_0h_motif1_raw</p>	 <p>MA0104.1_Mycn (E val: 9.9597e-10)</p>

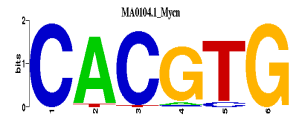
Motif Similarity Matches



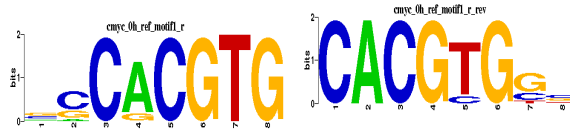
Name	E value	Alignment	Motif
MA0357.1_PHO4	2.8129e-12	SCACGTGG SCACGTGS	
MA0059.1_MYC_MAX	1.1303e-11	--CCACGTGS-- ACCACGTGSTN	
MA0147.1_Myc	2.7176e-10	--SCACGTGG-- NSCACGTGGN	
MA0128.1_EmBP-1	1.3325e-09	CCACGTGS CCACGTST	

MA0104.1_Mycn

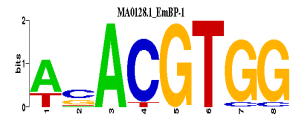
4.0652e-09

CCACGTGS
-CACGTG-

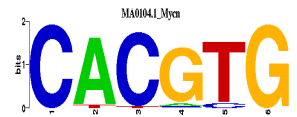
cmcy_0h_ref_motif1_r

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

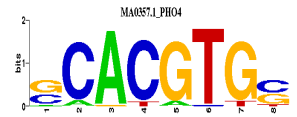
MA0128.1_EmBP-1 1.6201e-09

NCCACGTG-
-CCACGTST

MA0104.1_Mycn 3.8769e-09

NCCACGTG
--CACGTG

MA0357.1_PHO4 4.8121e-09

NCCACGTG-
-SCACGTGS

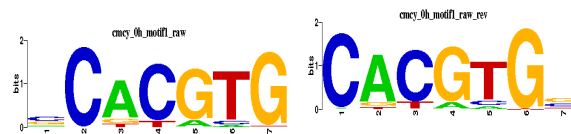
MA0004.1_Arnt 5.2670e-09

CACGTGGN
CACGTG--

MA0147.1_Myc 1.3391e-08

NCCACGTG--
NCCACGTGSN

cmcy_0h_motif1_raw

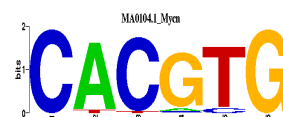
*forward**reverse compliment**Name**E value**Alignment**Motif*

Stamp Results

02/17/20

MA0104.1_Mycn 9.9597e-10

NCACGTG
-CACGTG



MA0004.1_Arnt 1.4494e-09

CACGTGN
CACGTG-



MA0093.1_USF1 2.9071e-08

-CACGTGN
NCACGTG-



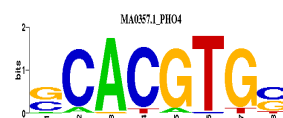
MA0409.1_TYE7 3.5152e-08

NCACGTG
TCACGTG



MA0357.1_PHO4 1.6868e-07

-CACGTGN
SCACGTGS



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STAMP is written by [Shaun Mahony](#)