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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](#)

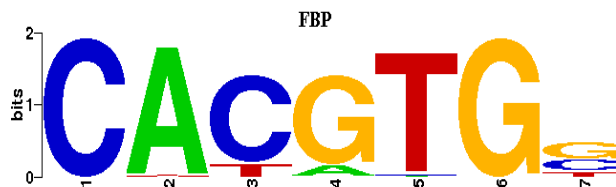
[Click here to run STAMP again.](#)

Multiple Alignment

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

cmyc_24h_merged: CCACGTGS
 cmyc_24h_ref_1_raw: -CACGTGS
 cmyc_24h_1_raw: -CACGTGN

Familial Profile:
 (click for matrix)



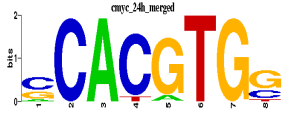
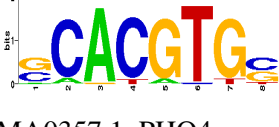




Motif Tree

Tree (drawn by [Phylip](#))

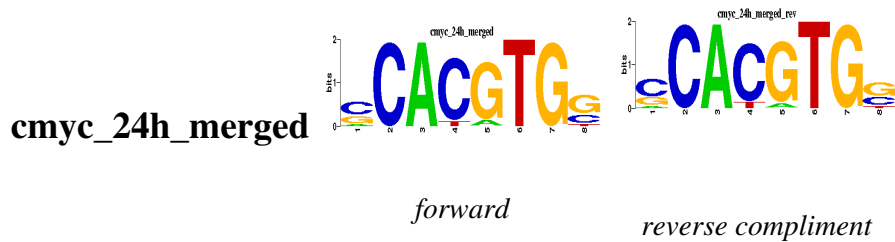
[Click here for Newick-format tree](#) (viewable with [MEGA](#))





Input Motif

Best match in
JASPAR

 cmyc_24h_merged	 MA0357.1_PHO4 (E val: 7.1920e-13)
 cmyc_24h_ref_1_raw	 MA0357.1_PHO4 (E val: 8.4006e-11)
 cmyc_24h_1_raw	 MA0104.1_Mycn (E val: 1.4761e-09)

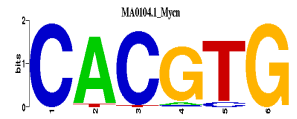
Motif Similarity Matches



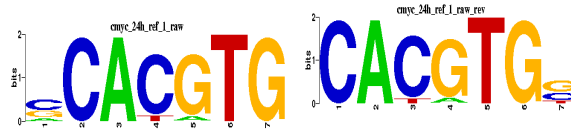
Name	E value	Alignment	Motif
MA0357.1_PHO4	7.1920e-13	CCACGTGS SCACGTGS	
MA0059.1_MYC_MAX	1.3702e-11	-CCACGTGS-- ACCACGTGSTN	
MA0147.1_Myc	2.2250e-10	-CCACGTGS- NCCACGTGSN	
MA0128.1_EmBP-1	1.7804e-09	CCACGTGS CCACGTST	

MA0104.1_Mycn

4.0657e-09

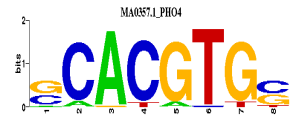
SCACGTGG
-CACGTG-

cmymc_24h_ref_1_raw

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

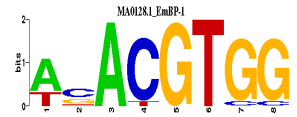
MA0357.1_PHO4

8.4006e-11

SCACGTG-
SCACGTGS

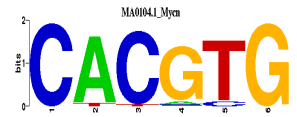
MA0128.1_EmBP-1

2.2991e-10

SCACGTG-
CCACGTST

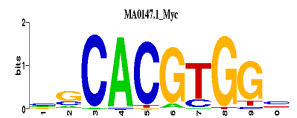
MA0104.1_Mycn

9.2487e-10

SCACGTG
-CACGTG

MA0147.1_Myc

1.2123e-09

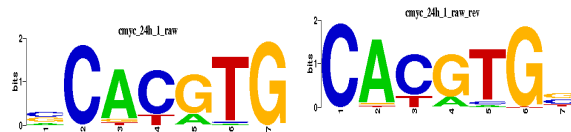
-SCACGTG--
NCCACGTGSN

MA0004.1_Arnt

1.2659e-09

SCACGTG
-CACGTG

cmymc_24h_1_raw

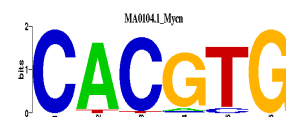
*forward**reverse complement**Name**E value**Alignment**Motif*

Stamp Results

02/17/20

MA0104.1_Mycn 1.4761e-09

NCACGTG
-CACGTG



MA0004.1_Arnt 2.3317e-09

CACGTGN
CACGTG-



MA0093.1_USF1 3.8273e-08

NCACGTG
NCACGTG



MA0409.1_TYE7 5.5190e-08

NCACGTG
TCACGTG



MA0357.1_PHO4 2.0698e-07

NCACGTG-
SCACGTGS



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STAMP is written by [Shaun Mahony](#)