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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](#)

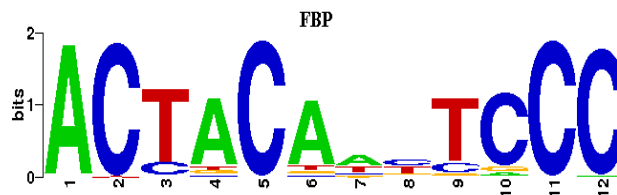
[Click here to run STAMP again.](#)

Multiple Alignment

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

```
motif3_raw:      ACTACANNYCCC
motif_merged:    ACTACAWYTCCC
motif_raw_refined:  ACTACAWYTCCC
```

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



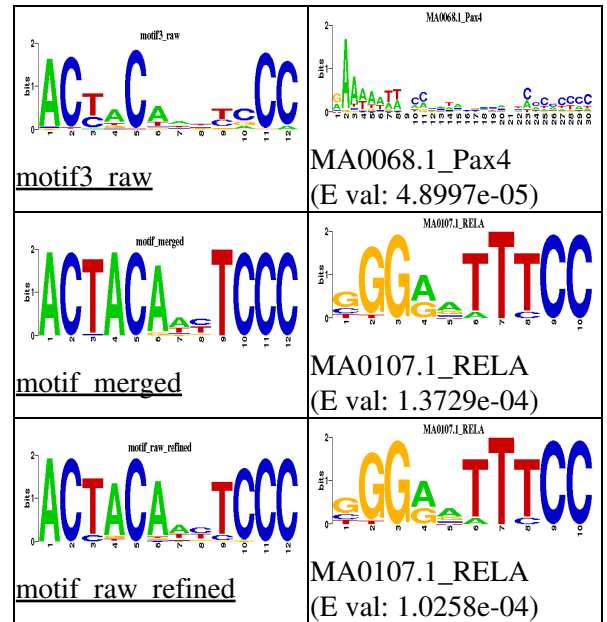
Motif Tree

Tree (drawn by [Phylip](#))

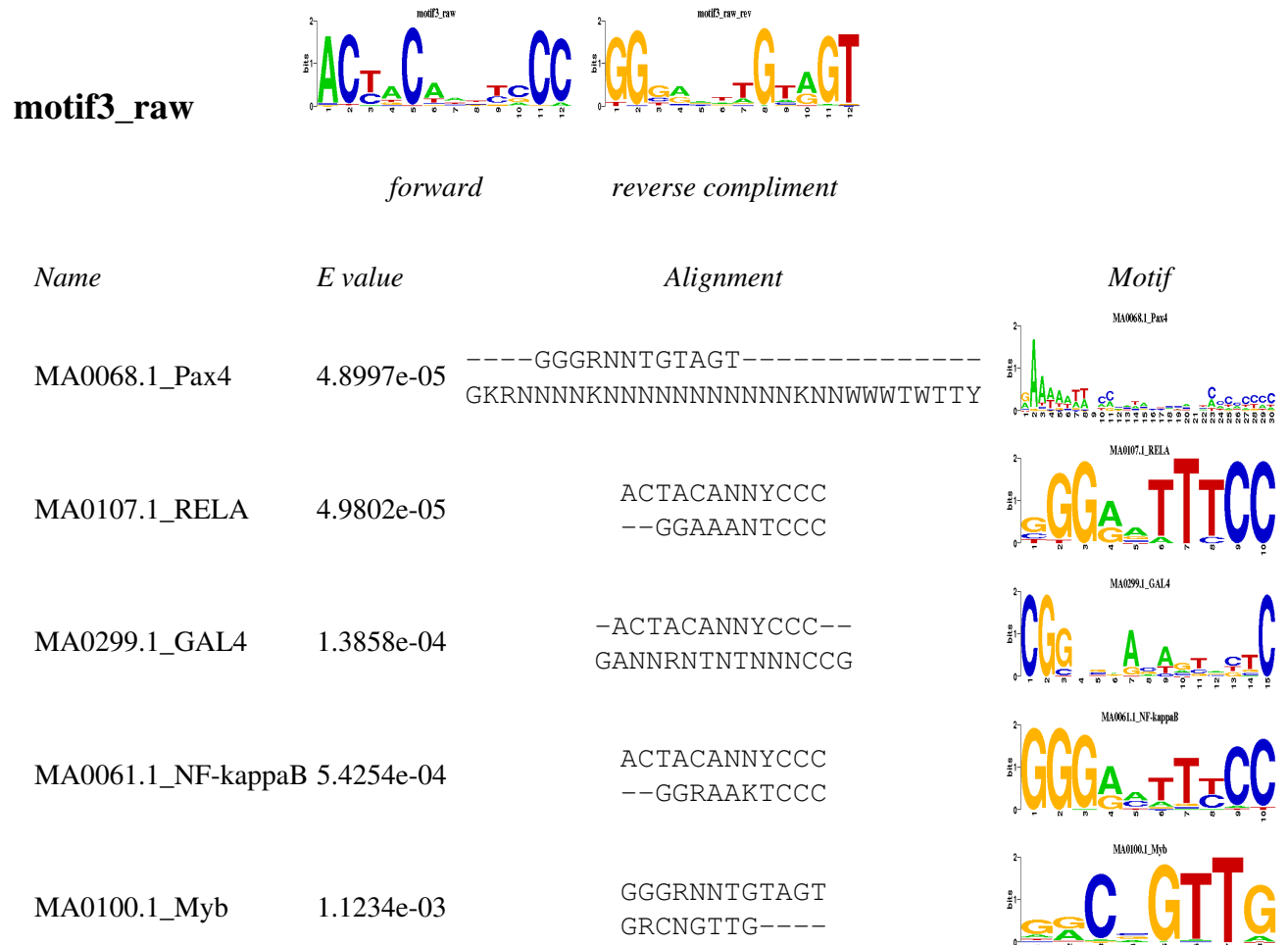
[Click here for Newick-format tree](#) (viewable with [MEGA](#))

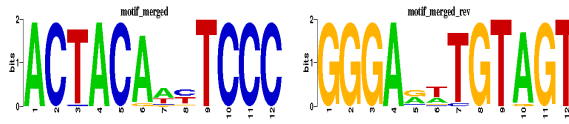
Input Motif

Best match in
JASPAR

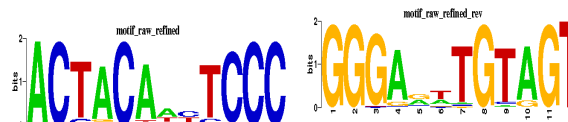


Motif Similarity Matches



motif_merged*forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0107.1_REL A	1.3729e-04	ACTACAWYTCCC --GGAAANTCCC	
MA0068.1_Pax4	5.6328e-04	-----GGGARWTGTAGT----- GKRNNNNKNNNNNNNNNNNNKNNWWWTWTTY	
MA0430.1_YLR278C	6.9866e-04	ACTACAWYTCCC- -----AACTCCGN	
MA0325.1_LYS14	8.6034e-04	ACTACAWYTCCC- -----AATTCCGN	
MA0061.1_NF-kappaB	1.4394e-03	ACTACAWYTCCC --GGRAAKTCCC	

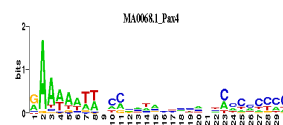
motif_raw_refined*forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0107.1_REL A	1.0258e-04	GGGARWTGTAGT GGGANTTTCC--	

Stamp Results

05/30/20

MA0068.1_Pax4 3.4185e-04 -----ACTACAWYTCCC-----
RAAWAWWWNNMNNNNNNNNNNNNNNNNNNNYMC



MA0430.1_YLR278C 6.2112e-04 ACTACAWYTCCC-
-----AACTCCGN



MA0325.1_LYS14 8.9319e-04 ACTACAWYTCCC-
-----AATTCCGN



MA0061.1_NF-kappaB 1.1329e-03 ACTACAWYTCCC
--GGRAAKTCCC



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STAMP is written by [Shaun Mahony](#)