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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](#)

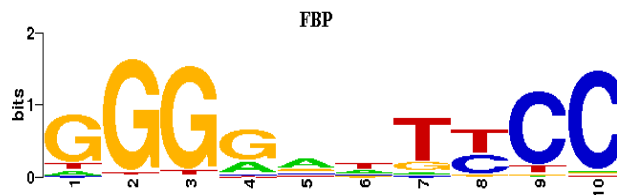
[Click here to run STAMP again.](#)

## Multiple Alignment

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

```
motif_raw_refined:  GGGGNNTYCC-
motif2_raw:        GGGGNNTYCC-
motif_merged:      GGGGNWTYCCC
```

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



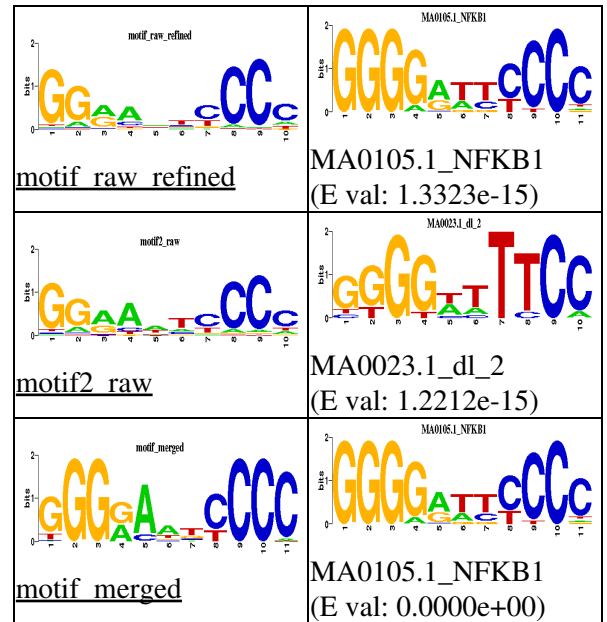
## Motif Tree

Tree (drawn by [Phylip](#))

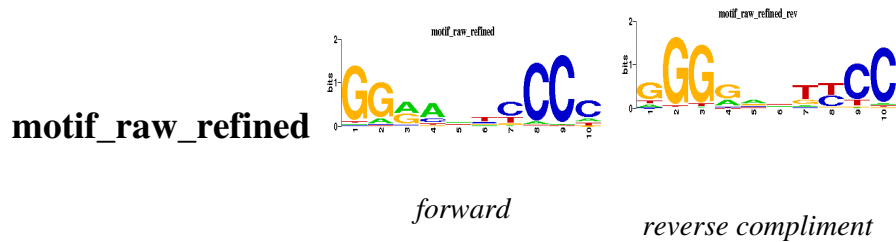
[Click here for Newick-format tree](#) (viewable with [MEGA](#))




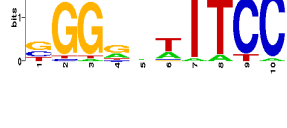
Input Motif

Best match in  
JASPAR



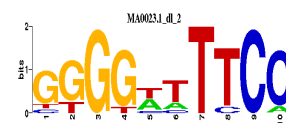
## Motif Similarity Matches



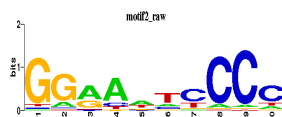
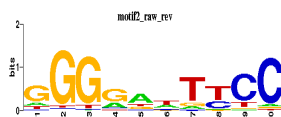
Name	E value	Alignment	Motif
MA0105.1_NFKB1	1.3323e-15	-GGRANCCCC GGGGAATCCCC	
MA0061.1_NF-kappaB	1.8319e-14	GGRANCCCC GGRAKTCCC	
MA0107.1_RELA	1.8985e-14	GGRANCCCC GGAAANTCCC	
MA0101.1_REL	8.4488e-14	GGGNNNTYCC NGGRNWTTC	

MA0023.1\_dl\_2

1.0492e-13

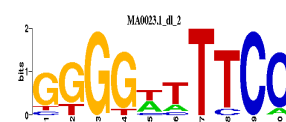
GGRANNCCCC  
GGAAWCCCC

motif2\_raw

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

MA0023.1\_dl\_2

1.2212e-15

GGGNNTYCC  
GGGWTTTCC

MA0107.1\_REL

5.3291e-15

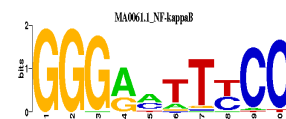
GGGNNTYCC  
GGGANTTTCC

MA0101.1\_REL

7.8826e-15

GGGNNTYCC  
NGGRNWTTC

MA0061.1\_NF-kappaB 3.1974e-14

GGRANNCCCC  
GGRAAKTCCC

MA0105.1\_NFKB1

3.3418e-14

-GGRANNCCCC  
GGGGAATCCCC

motif\_merged

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

MA0105.1\_NFKB1

0.0000e+00

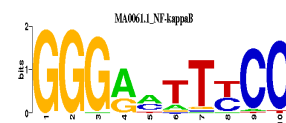
GGGNWTYCCC  
GGGATTTCCC

# Stamp Results

05/31/20

MA0061.1\_NF-kappaB 7.4385e-15

GGGRAWNCCCC  
-GGRAAKTCCC



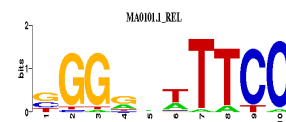
MA0107.1\_REL 1.5632e-13

GGGRAWNCCCC  
-GGAAANTCCC



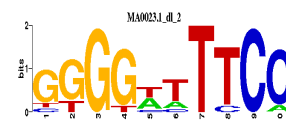
MA0101.1\_REL 1.9773e-13

GGGGNWTYCCC  
NGGRNWTTC-



MA0023.1\_dl\_2 2.4734e-12

GGGGNWTYCCC  
GGGGWTTTCC-



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[STAMP](#) is written by Shaun Mahony