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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".

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## Multiple Alignment

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

```
motif_raw_refined:  ---YCWGGRRR--
motif_merged:      CCACCAGGGGGCG
motif6_raw:        ---NCWGRRRA--
```

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



## Motif Tree

Tree (drawn by [Phylip](#))

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

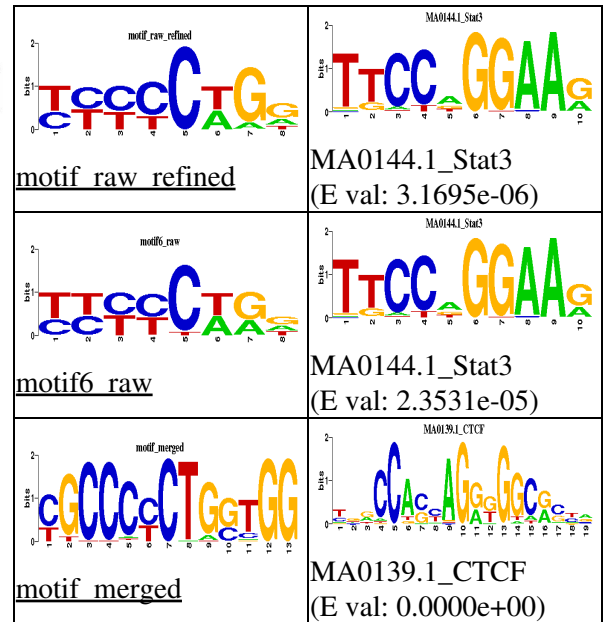
Input Motif

Best match in  
JASPAR

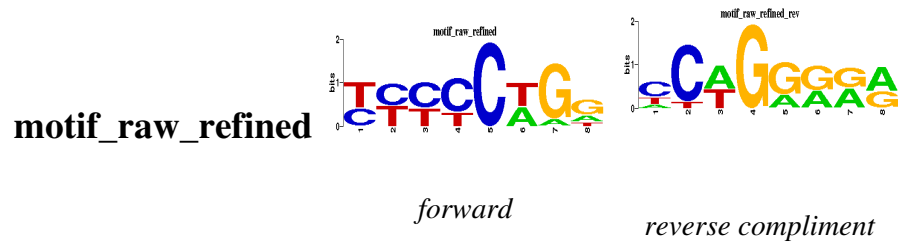
motif raw refined

motif6 raw

motif merged



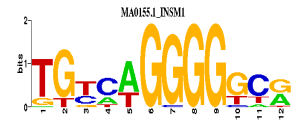
## Motif Similarity Matches



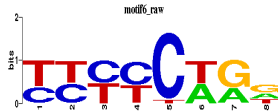
Name	E value	Alignment	Motif
MA0144.1_Stat3	3.1695e-06	--YCWGRRR TTCNNGAAG	
MA0156.1_FEV	1.7811e-04	-YYYCCWGR AYTTCCTG-	
MA0364.1_REI1	2.0044e-04	YCWGRRR NCAGGG-	
MA0154.1_EBF1	2.2862e-04	YYYCCWGR-- TCCCTNGGNN	

MA0155.1\_INSM1 2.2874e-04

--YYYCCWGR--  
YGCCCCCTGRCA

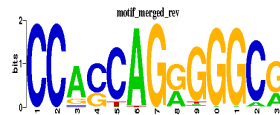


motif6\_raw

*forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0144.1_Stat3	2.3531e-05	TYYYCWGN-- CTTCNNGGAA	
MA0156.1_FEV	4.2835e-04	NCWRRRA-- --CAGGAART	
MA0154.1_EBF1	3.0681e-03	TYYYCWGN-- TCCCTNNGGN	
MA0155.1_INSM1	3.8407e-03	--TYYYCWGN-- YGCCCCCTGRCA	
MA0364.1_REI1	3.9624e-03	TYYYCWGN --CCCTGN	

motif\_merged

*forward**reverse compliment*

<i>Name</i>	<i>E value</i>	<i>Alignment</i>	<i>Motif</i>
MA0139.1_CTCF	0.0000e+00	---CGCCCCCTGGTGG--- NNSYGCCMCTRSTGGNNR	

# Stamp Results

06/01/20

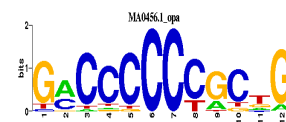
MA0155.1\_INSM1 2.7445e-08

CCACCAGGGGGCG  
-TGYCAGGGGGCR



MA0456.1\_opa 1.6689e-06

CCACCAGGGGGCG  
-CNGCGGGGGGKC



MA0364.1\_REI1 2.0989e-05

CGCCCCCTGGTGG  
---CCCCTGN---



MA0366.1\_RGM1 7.5457e-05

CGCCCCCTGGTGG  
---CCCCT-----



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[STAMP](#) is written by Shaun Mahony