

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".

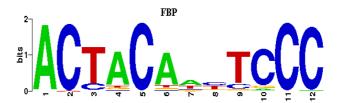
<u>Download results as a PDF</u> <u>Click here to run STAMP again.</u>

### **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)

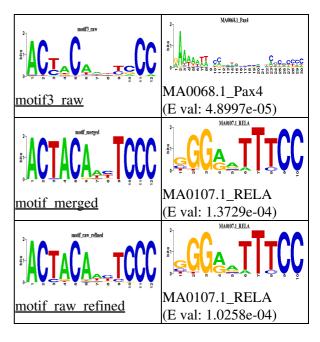


#### **Motif Tree**

Tree (drawn by <u>Phylip</u>)
<u>Click here for Newick-format tree</u> (viewable with <u>MEGA</u>)

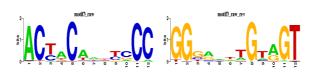
**Input Motif** 

Best match in JASPAR



## **Motif Similarity Matches**

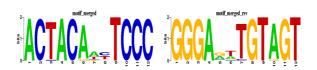
# motif3\_raw



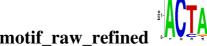
forward reverse compliment

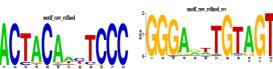
Name	E value	Alignment	Motif
MA0068.1_Pax4	4.8997e-05	GGGRNNTGTAGTGKRNNNKNNNNNNNNNNNNNNNNNNNNNNNNNNN	MANOSL Part
MA0107.1_RELA	4.9802e-05	ACTACANNYCCC GGAAANTCCC	MANOWAL RELA
MA0299.1_GAL4	1.3858e-04	-ACTACANNYCCC GANNRNTNTNNNCCG	MANSOL GALA
MA0061.1_NF-kappaE	3 5.4254e-04	ACTACANNYCCC GGRAAKTCCC	MANOSILINE Lappas  TECC
MA0100.1_Myb	1.1234e-03	GGGRNNTGTAGT GRCNGTTG	C GTTG

### motif\_merged



	forwa	rd reverse compliment	
Name	E value	Alignment	Motif
MA0107.1_RELA	1.3729e-04	ACTACAWYTCCC GGAAANTCCC	MANOYJ, RELA
MA0068.1_Pax4	5.6328e-04	GGGARWTGTAGTGKRNNNNKNNNNNNNNNNNNNNNNNNNNNNNNNNN	MANOSAL Pard
MA0430.1_YLR278C	6.9866e-04	ACTACAWYTCCC- AACTCCGN	MANASAL YERPROC
MA0325.1_LYS14	8.6034e-04	ACTACAWYTCCC- AATTCCGN	E C C A T .
MA0061.1_NF-kappaE	3 1.4394e-03	ACTACAWYTCCC GGRAAKTCCC	MAWKILIVI-kuppuB





forward

reverse compliment

Name E value Alignment

MA0107.1\_RELA 1.0258e-04 GGGARWTGTAGT GGGANTTTCC--



MA0068.1_Pax4	3.4185e-04	RAAWAWWWNNMNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	MANOSKI Pard
MA0430.1_YLR278C	6.2112e-04	ACTACAWYTCCC- AACTCCGN	ST. CGGAGT.
MA0325.1_LYS14	8.9319e-04	ACTACAWYTCCC- AATTCCGN	E COMMONSTRUCTION OF THE PROPERTY OF THE PROPE
MA0061.1_NF-kappaB	3 1.1329e-03	ACTACAWYTCCC GGRAAKTCCC	MANOCIL NY Luppuls  Land Land Land Land Land Land Land Land

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