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".
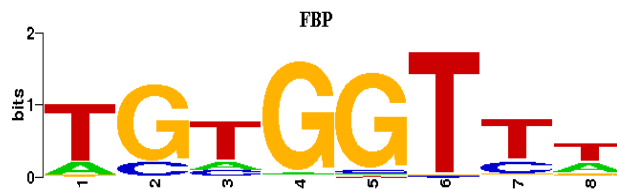Download results as a PDF
Click here to run STAMP again.

Multiple Alignment

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

```
motif_raw_refined:    -----TGTGGTTW
motif_merged:         AAACCWSWGGTTW
motif6_raw:           -----TGTGGTT-
```
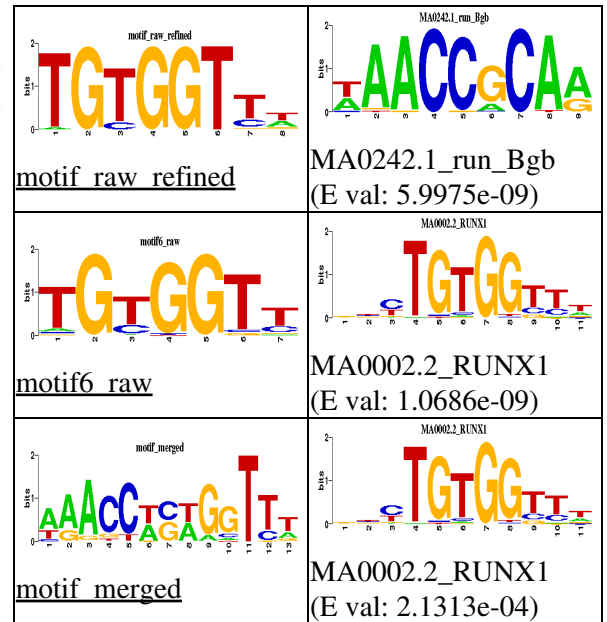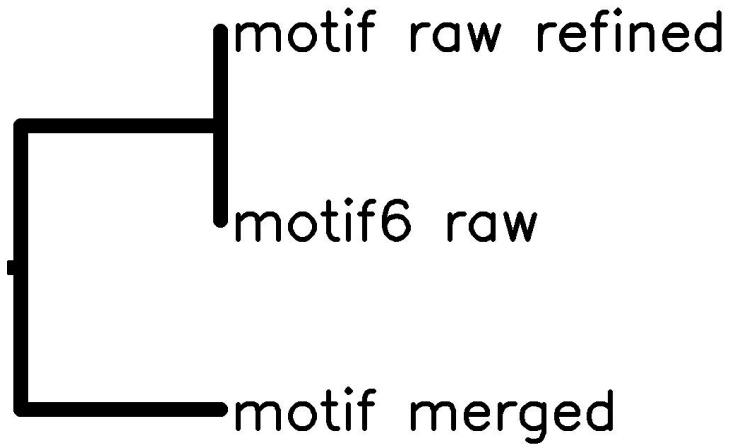
Familial Profile:
(click for matrix)

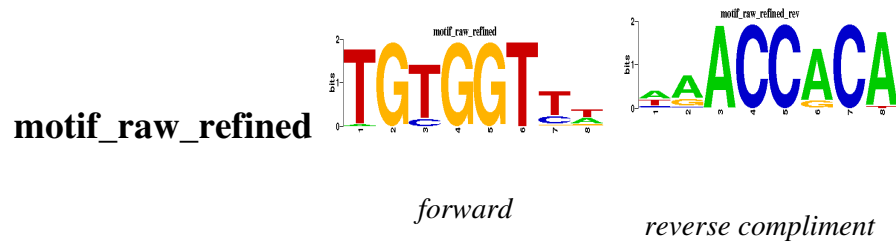
Motif Tree

Tree (drawn by **Phylip**) Click here for Newick-format tree (viewable with MEGA)	Input Motif	Best match in JASPAR

motif raw refined

motif_raw_refined

MA0242.1_run_Bgb
(E val: 5.9975e-09)

motif6 raw

motif6_raw

MA0002.2_RUNX1
(E val: 1.0686e-09)

motif merged

motif_merged

MA0002.2_RUNX1
(E val: 2.1313e-04)

Motif Similarity Matches

motif_raw_refined

forward

reverse compliment

Name	*E value*	*Alignment*	*Motif*
MA0242.1_run_Bgb	5.9975e-09	-TGTGGTTW TTGCGGTTW	
MA0002.2_RUNX1	3.0537e-08	WAACCACA--- NAACCACARNN	
MA0002.1_RUNX1	1.8031e-07	WAACCACA--- NAACCACARWW	
MA0332.1_MET28	1.9137e-05	WAACCACA- ---CCACAG	

MA0334.1_MET32 1.9261e-04

```
TGTGGTTW
TGTGGCN-
```


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motif6_raw
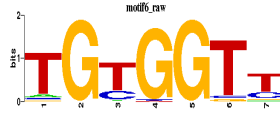
| *forward* | *reverse compliment* |

Name	*E value*	*Alignment*	*Motif*
MA0002.2_RUNX1	1.0686e-09	`---TGTGGTT-` `NNYTGTGGTTN`	
MA0002.1_RUNX1	4.4588e-09	`-AACCACA---` `NAACCACARWW`	
MA0242.1_run_Bgb	1.9588e-07	`-AACCACA-` `WAACCGCAA`	
MA0332.1_MET28	9.0347e-06	`AACCACA-` `--CCACAG`	
MA0334.1_MET32	7.9035e-05	`TGTGGTT` `TGTGGCN`	

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motif_merged
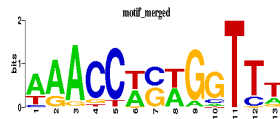
| *forward* | *reverse compliment* |
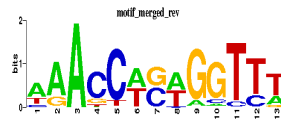
Name	*E value*	*Alignment*	*Motif*
MA0002.2_RUNX1	2.1313e-04	`WAACCWSWGGTTT` `NAACCACARNN--`	
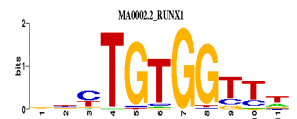
MA0335.1_MET4   3.8876e-04   WAACCWSWGGTTT
                                     ---CCACAGNT--

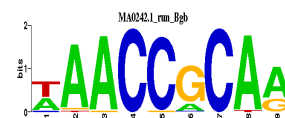MA0332.1_MET28   7.5260e-04   WAACCWSWGGTTT
                                     ---CCACAG----

MA0242.1_run_Bgb 1.7879e-03   WAACCWSWGGTTT
                                     WAACCGCAA----

MA0260.1_che-1   5.0723e-03   WAACCWSWGGTTT-
                                     --------GGYTTC

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STAMP is written by Shaun Mahony