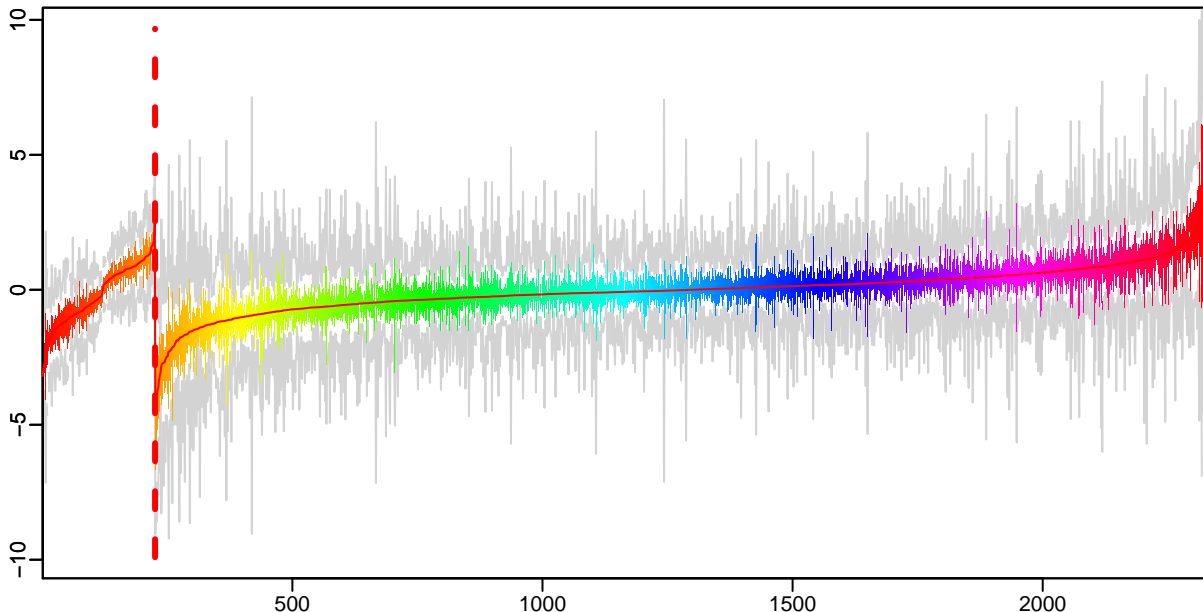
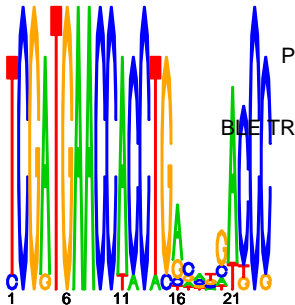
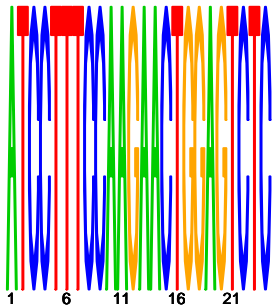


Cluster: 0588 mtu; resid: 0.50; r/c: 16/225

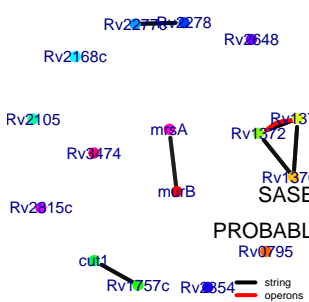
13 Oct 25 14:25:18 iter=2000
cMonkey Version 4.9.8 mtu



upstream meme PSSM #1; $e=1.4e-11$ upstream meme PSSM #2; $e=3.2e-79$



- log10(P) upstream meme log10(P.clust)=-20.27; 16 seqs; 15 uniq
- 22.47 POSSIBLE TRANSPOSASE FOR INSERTION ELEMENT IS6110: RV3474
 - 22.47 PROBABLE TRANSPOSASE: RV2815C
 - 22.47 PROBABLE TRANSPOSASE FOR INSERTION SEQUENCE ELEMENT IS6110: RV2648
 - 22.47 PROBABLE TRANSPOSASE: RV2354
 - 22.47 PROBABLE TRANSPOSASE: RV2278
 - 22.47 Possible glycerolphosphodiesterase: RV2277C
 - 22.47 PROBABLE TRANSPOSASE: RV2168C
 - 22.47 PROBABLE TRANSPOSASE: RV2105
 - 22.47 PROBABLE CUTINASE CUT 1: RV1758
 - 22.47 PUTATIVE TRANSPOSASE: RV1757C
 - 22.47 hypothetical protein: RV1372
 - 22.47 PROBABLE CONSERVED MEMBRANE PROTEIN: RV1371
 - 22.47 PROBABLE TRANSPOSASE: RV1370C
 - 22.47 PROBABLE TRANSPOSASE FOR INSERTION SEQUENCE ELEMENT IS6110 (FRAGMENT): RV0795
 - 4.52 PROBABLE PHOSPHO-SUGAR MUTASE / MRSA-PROTEIN-HOMOLOG: RV3441C
 - 4.52 UDP-N-acetylglucosamine 6-phosphate 4-epimerase: RV0482



-200 -100 -1