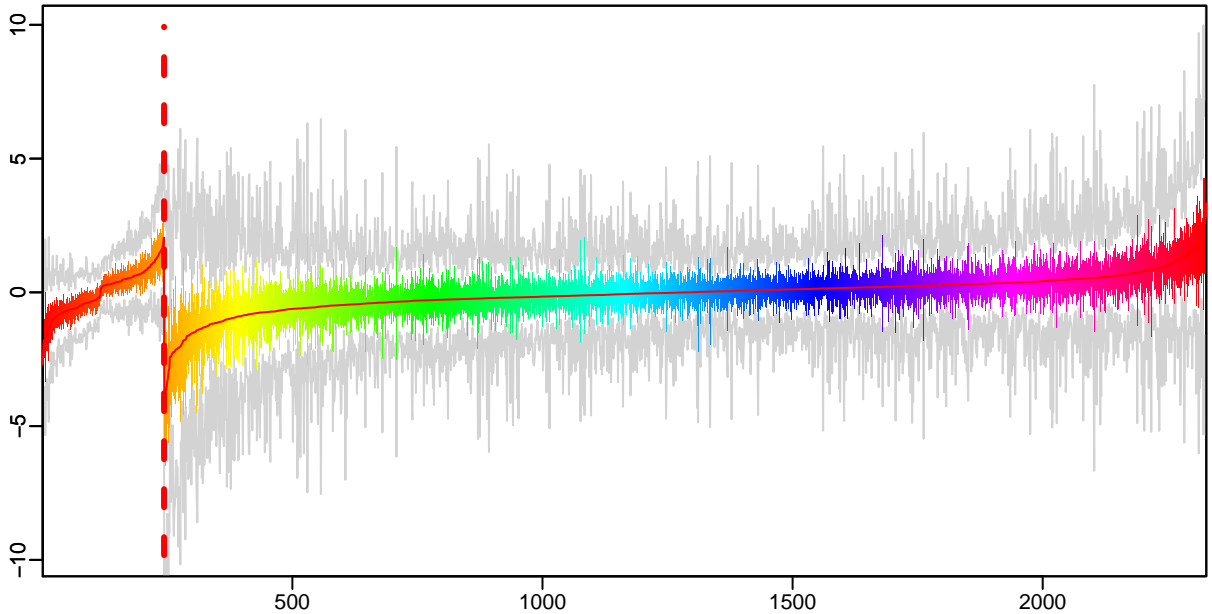
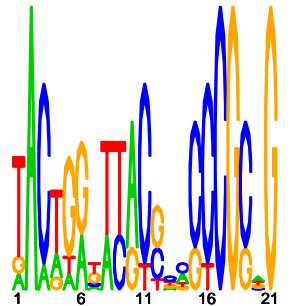


Cluster: 0371 mtu; resid: 0.54; r/c: 17/243

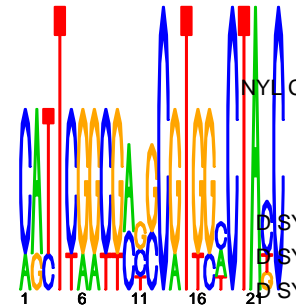
13 Oct 25 14:25:18 iter=2000
cMonkey Version 4.9.8 mtu



upstream meme PSSM #1; e=0.1

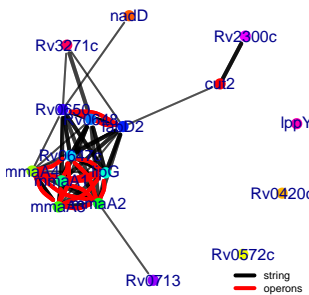


upstream meme PSSM #2; e=3.9



log10(P) upstream meme log10(P.clust)=-11.28; 17 seqs; 10 uniq

- 16.44 POSSIBLE SUGAR KINASE: RV0650
- NYL COA4 ACYL CARRIER PROTEIN TRANSACYLASE FABD2 (MCT): RV0649
- 16.44 ALPHA-MANNOSIDASE: RV0648
- 16.44 hypothetical protein: RV0647C
- 16.44 PROBABLE LIPASE/ESTERASE LIPG: RV0646C
- D SYNTHASE 1 (MMA1) (HYDROXY MYCOLIC ACID SYNTHASE): RV0645C
- D SYNTHASE 2 (MMA2) (HYDROXY MYCOLIC ACID SYNTHASE): RV0644C
- D SYNTHASE 3 (MMA3) (HYDROXY MYCOLIC ACID SYNTHASE): RV0643C
- D SYNTHASE 4 (MMA4) (HYDROXY MYCOLIC ACID SYNTHASE): RV0642C



- 10.09 hypothetical protein: RV0572C
- 9.04 POSSIBLE TRANSMEMBRANE PROTEIN: RV0420C
- 5.13 PROBABLE CONSERVED LIPOPROTEIN LPPY: RV2999
- 4.66 nicotinic acid mononucleotide adenyltransferase: RV2421C
- 3.81 PROBABLE CUTINASE CUT2: RV2301
- 3.78 hypothetical protein: RV2300C
- 3.67 PROBABLE CONSERVED TRANSMEMBRANE PROTEIN: RV0713
- PROBABLE CONSERVED INTEGRAL MEMBRANE PROTEIN: RV3271C

Rv0572c
— string
— operons

-200 -100 -1