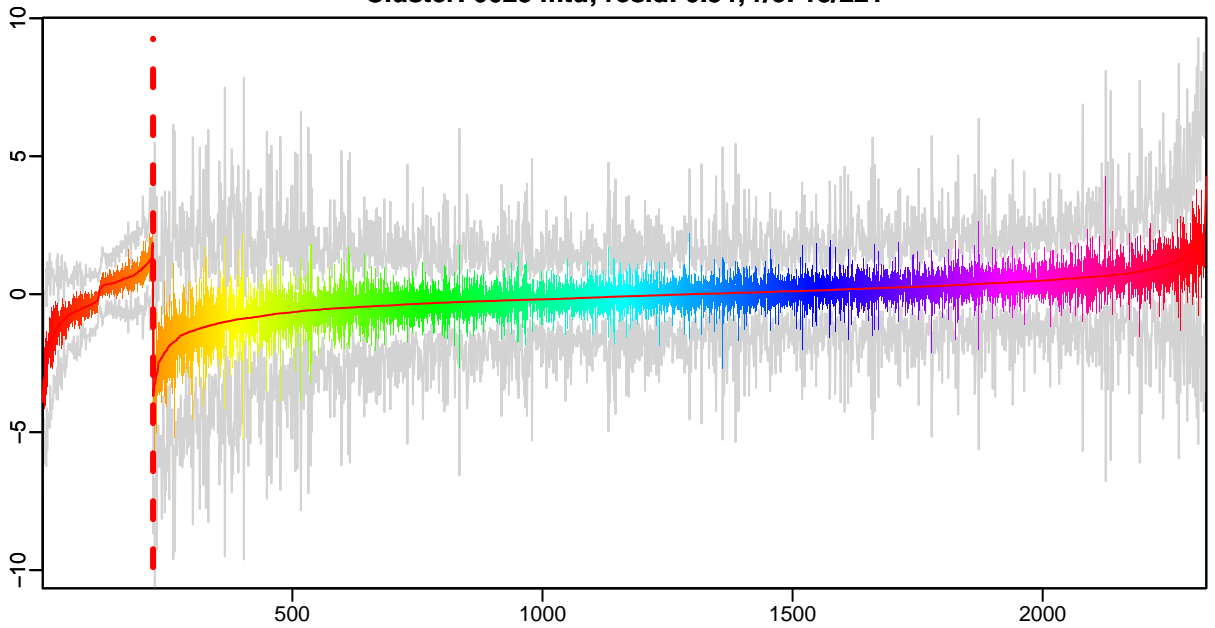


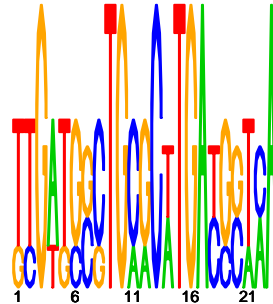
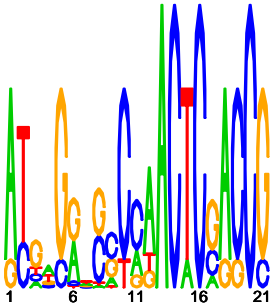
Cluster: 0025 mtu; resid: 0.54; r/c: 13/221

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



upstream meme PSSM #1; e=0.31

upstream meme PSSM #2; e=8.2



log10(P) upstream meme log10(P.clust)=-9.29; 13 seqs; 8 uniq

-17.08 hypothetical protein: RV2871

-17.08 1-deoxy-D-xylulose 5-phosphate reductoisomerase: RV2870C

-17.08 PROBABLE CONSERVED TRANSMEMBRANE PROTEIN: RV2869C

-10.61 hypothetical protein: RV1513

-10.61 probable nucleotide-sugar epimerase epiA: RV1512

-10.61 hydratase gmdA (GDP-mannose 4,6 dehydratase) (GMD): RV1511

-9.09 peptide chain release factor 2: RV3105C

-4.37 gamma-glutamyl kinase: RV2439C

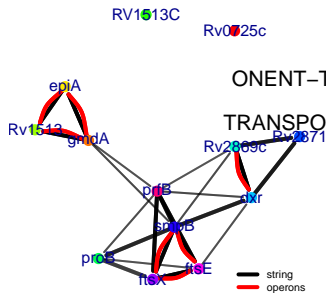
ONENT-TRANS (TRANSPORT ATP-BINDING PROTEIN ABC TRANSPORTER): RV3102C

INTEGRAL MEMBRANE PROTEIN ABC TRANSPORTER): RV3101C

-3.85 SsrA-binding protein: RV3100C

-3.42 hypothetical protein: RV0725C

NA RV1513C



— string
— operons

-200 -100 -1