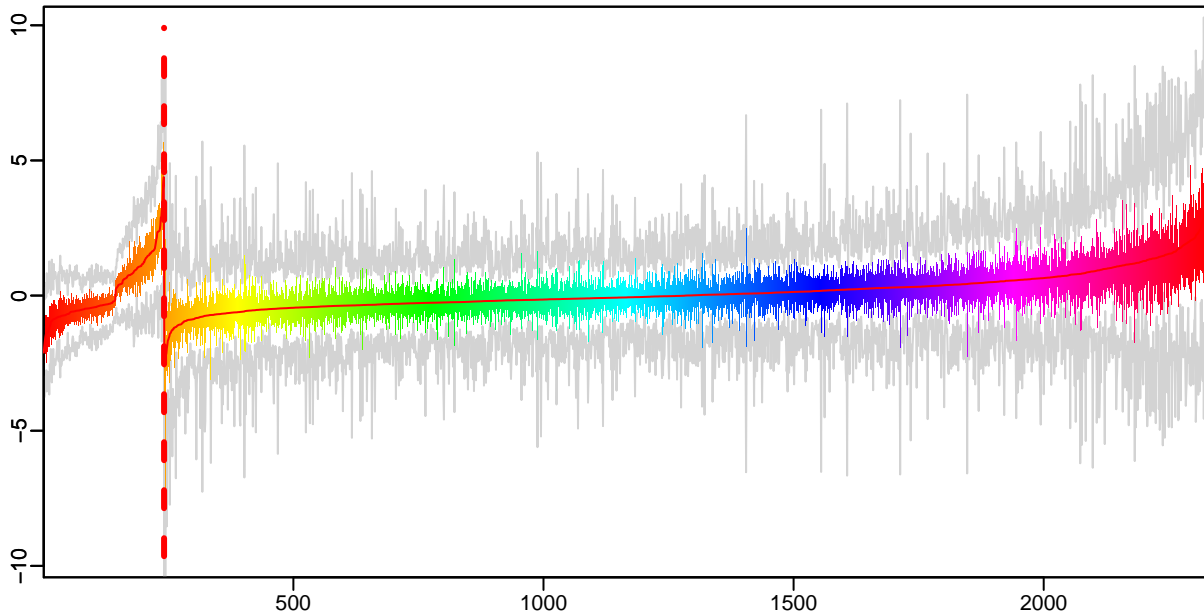**Cluster: 0542 mtu; resid: 0.60; r/c: 17/241**

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

upstream meme PSSM #1; e=0.019

upstream meme PSSM #2; e=150

log10(P) upstream meme

log10(P.clust)=−5.39; 17 seqs; 11 uniq

log10(P)	Annotation
−19.03	hypothetical protein: RV2010
−19.03	hypothetical protein: RV2008C
−7.13	hypothetical protein: RV2830C
−7.13	hypothetical protein: RV2829C
−6.48	PPE FAMILY PROTEIN: RV3343C
−6.27	PROBABLE AMMONIUM TRANSPORT INTEGRAL MEMBRANE PROTEIN AMT: RV2920C
−6.02	PROBABLE NITROGEN REGULATORY PROTEIN P−II GLNB: RV2919C
−5.33	hypothetical protein: RV1977
−5.30	SOLUBLE SECRETED ANTIGEN MPT53 PRECURSOR: RV2878C
−5.00	PROBABLE CONSERVED INTEGRAL MEMBRANE PROTEIN: RV2877C
−0.87	hypothetical protein: RV2842C
−0.87	transcription elongation factor NusA: RV2841C
−0.57	POSSIBLE TRANSMEMBRANE PROTEIN: RV3289C
−0.57	PUTATIVE PROTEIN USFY: RV3288C
−0.51	methyl-D-erythritol 4-phosphate cytidylyltransferase: RV3582C
−0.51	C-methyl-D-erythritol 2,4-cyclodiphosphate synthase: RV3581C
−0.45	PE-PGRS FAMILY PROTEIN: RV3345C