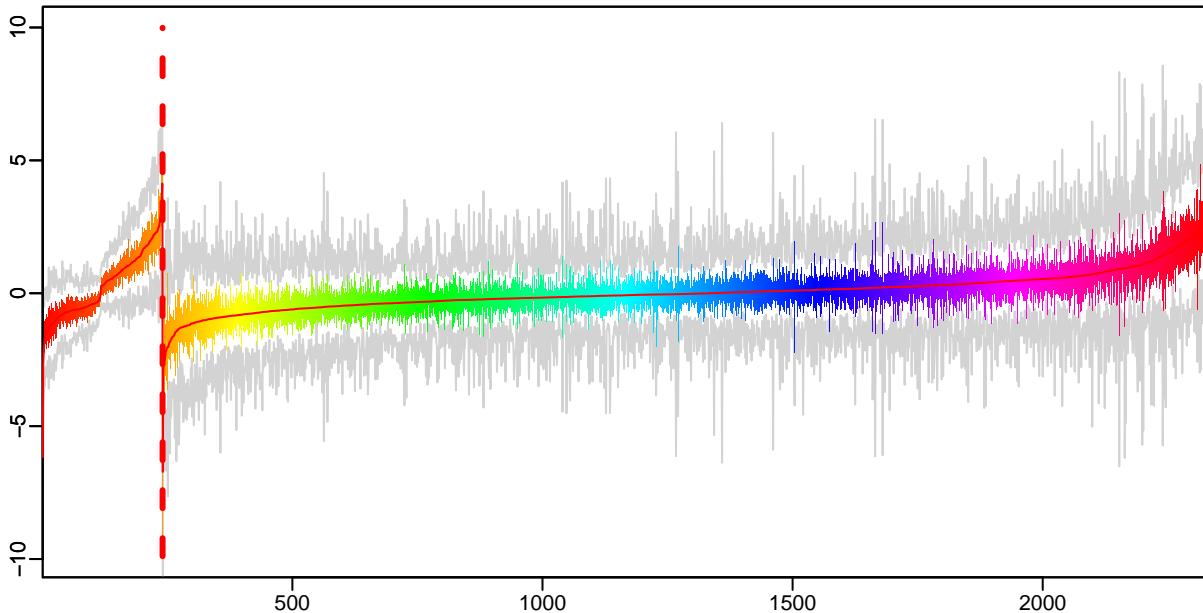**Cluster: 0216 mtu; resid: 0.56; r/c: 19/240**

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

upstream meme PSSM #1; e=8.8e−52   upstream meme PSSM #2; e=1.9e−14

log10(P) upstream meme   log10(P.clust)=−9.02; 19 seqs; 18 uniq

log10(P)	Protein	Gene
−13.11	PE−PGRS FAMILY PROTEIN:	RV1818C
−12.25	PE−PGRS FAMILY PROTEIN:	RV3590C
−12.10	PE−PGRS FAMILY PROTEIN:	RV3507
−11.58	PE−PGRS FAMILY−RELATED PROTEIN:	RV3653
−11.58	PE−PGRS FAMILY−RELATED PROTEIN:	RV3652
−10.86	PE−PGRS FAMILY PROTEIN:	RV1468C
−10.57	PE−PGRS FAMILY PROTEIN:	RV2741
−10.14	PE−PGRS FAMILY PROTEIN:	RV1091
−9.95	PE−PGRS FAMILY PROTEIN:	RV1087
−8.06	PE−PGRS FAMILY PROTEIN:	RV0742
−7.94	PE−PGRS FAMILY PROTEIN:	RV0578C
−7.88	PE−PGRS FAMILY PROTEIN:	RV0124
−7.25	PE−PGRS FAMILY PROTEIN:	RV2162C
−6.81	PE−PGRS FAMILY PROTEIN:	RV2634C
−6.35	PE−PGRS FAMILY PROTEIN:	RV2487C
−6.32	PE−PGRS FAMILY PROTEIN:	RV1840C
−6.23	PE−PGRS FAMILY PROTEIN:	RV1325C
−6.22	PE−PGRS FAMILY PROTEIN:	RV2490C
−6.21	PE−PGRS FAMILY PROTEIN:	RV3595C

PE_PGRS33
PE_PGRS22   PE_PGRS58
PE_PGRS2
            PE_PGRS37PE_PGRS42
PE_PGRS21
E_PGRS8   PE_PGRS
            PE_PGRS29
PGRS46   PE_PGRS24
PE_PGRS47
                        PE_PGRS
PE_PGRS53 PE_PGRS7
        PE_PGRS60PGRS61
PE_PGRS38

string
operons