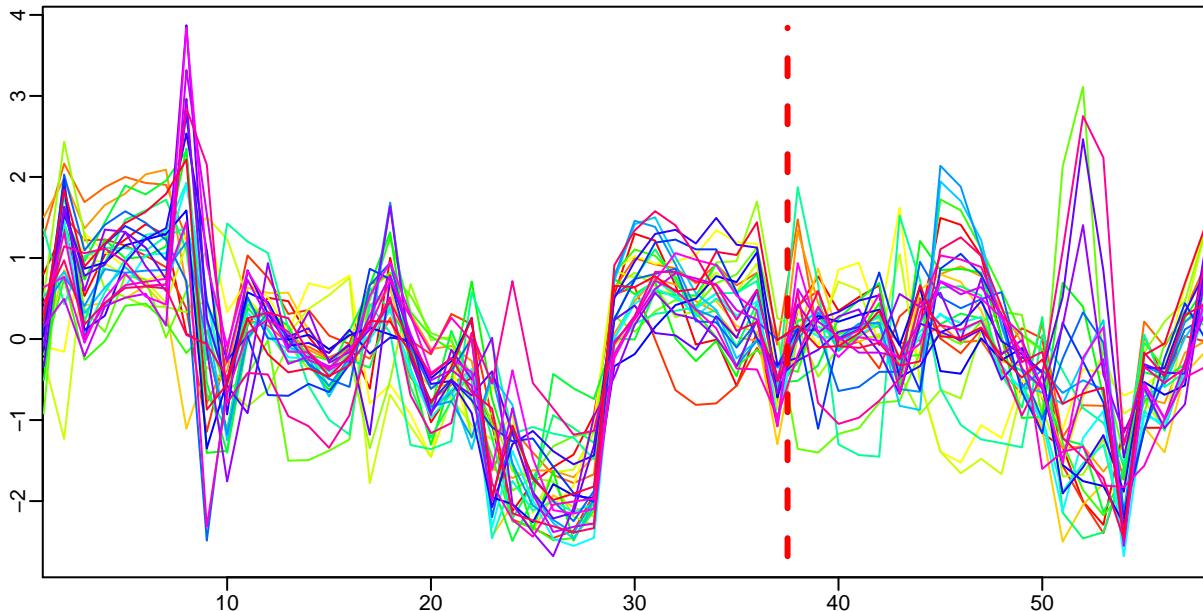**Cluster: 0077 mmp; resid: 0.40; r/c: 30/37**

11 Oct 11 16:14:07 iter=2000
cMonkey Version 4.8.8 mmp

upstream meme PSSM #1; e=87

upstream meme PSSM #2; e=69

log10(P) upstream meme

log10(P.clust)=−1.12; 30 seqs; 26 uniq

log10(P)	annotation	gene
−4.93	ketol−acid reductoisomerase:	MMP0654
−4.15	Unanno_19	
−2.80	hypothetical protein:	MMP1498
−2.80	hypothetical protein:	MMP1497
−2.48	Carbamoyl−phosphate synthase large chain:	MMP1013
−2.34	hypothetical protein:	MMP0370
−1.51	50S ribosomal protein L31e:	MMP0062
−1.37	Enolase:	MMP0396
−1.26	3−isopropylmalate dehydratase:	MMP1149
−1.26	Ornithine carbamoyltransferase:	MMP0553
−1.08	Chaperonin GroEL (thermosome, HSP60 family):	MMP1515
−1.02	hypothetical protein:	MMP1699
−0.97	ent methylenetetrahydromethanopterin dehydrogenase:	MMP0127
−0.79	hypothetical protein:	MMP1593
−0.69	D−3−phosphoglycerate dehydrogenase:	MMP1588
−0.50	Band 7 protein:Stomatin:	MMP1036
−0.50	hypothetical protein:	MMP1035
−0.49	ferredoxin:	MMP1311
−0.49	hypothetical protein:	MMP0317
−0.40	pyridoxine biosynthesis protein:	MMP0103
−0.29	DNA directed RNA polymerase, subunit L:	MMP0261
−0.28	hypothetical protein:	MMP0250
−0.28	50S ribosomal protein L37Ae:	MMP0249
−0.25	3−dehydroquinate synthase:	MMP0006
−0.15	3−isopropylmalate dehydratase small subunit:	MMP0136
−0.15	threonine synthase:	MMP0135
−0.15	IMP cyclohydrolase:	MMP1310
−0.15	Aspartate aminotransferase:	MMP0391
−0.08	aspartyl/glutamyl−tRNA amidotransferase subunit A:	MMP1510
−0.02	oxoglutarate ferredoxin oxidoreductase subunit alpha:	MMP0003

string
operons