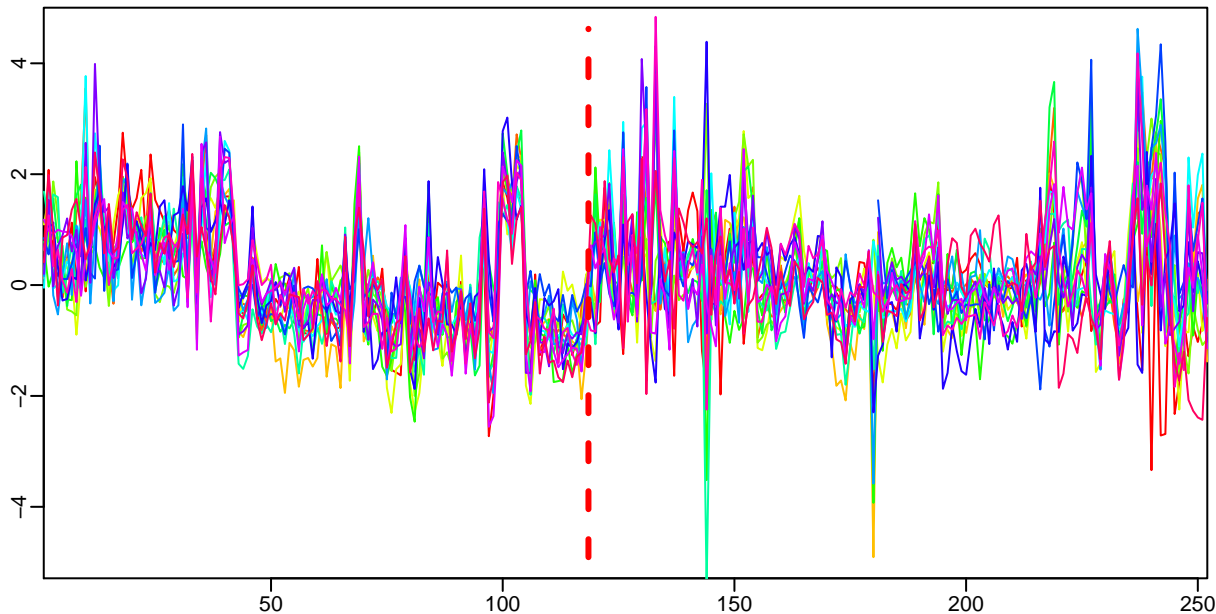**Cluster: 0011 mpn; resid: 0.38; r/c: 16/118**

10 Nov 04 11:48:45 iter=2000
cMonkey Version 4.7.2 mpn

upstream meme PSSM #1; e=420   upstream meme PSSM #2; e=1.5e+03

log10(P) upstream meme   log10(P.clust)=−2.67; 16 seqs; 14 uniq

log10(P)	description	gene
−6.05	recombinase A	MPN490
−5.92	hypothetical protein	MPN626
−5.70	hypothetical protein	MPN014
−4.27	permease	MPN112
−3.90	hypothetical protein	MPN374
−3.50	permease	MPN421
−3.26	hypothetical protein	MPN373
−2.82	Holliday junction DNA helicase B	MPN536
−2.82	Holliday junction DNA helicase motor protein	MPN535
−2.40	hypothetical protein	MPN587
−1.30	hypothetical protein	MPN438
−0.28	(C−terminal, fragment)	MPN305
−0.28	(N−terminal, fragment)	MPN304
−0.11	adhesin P1 (group2) homolog	MPN085
−0.04	hypothetical protein	MPN639
−0.04	hypothetical protein	MPN042