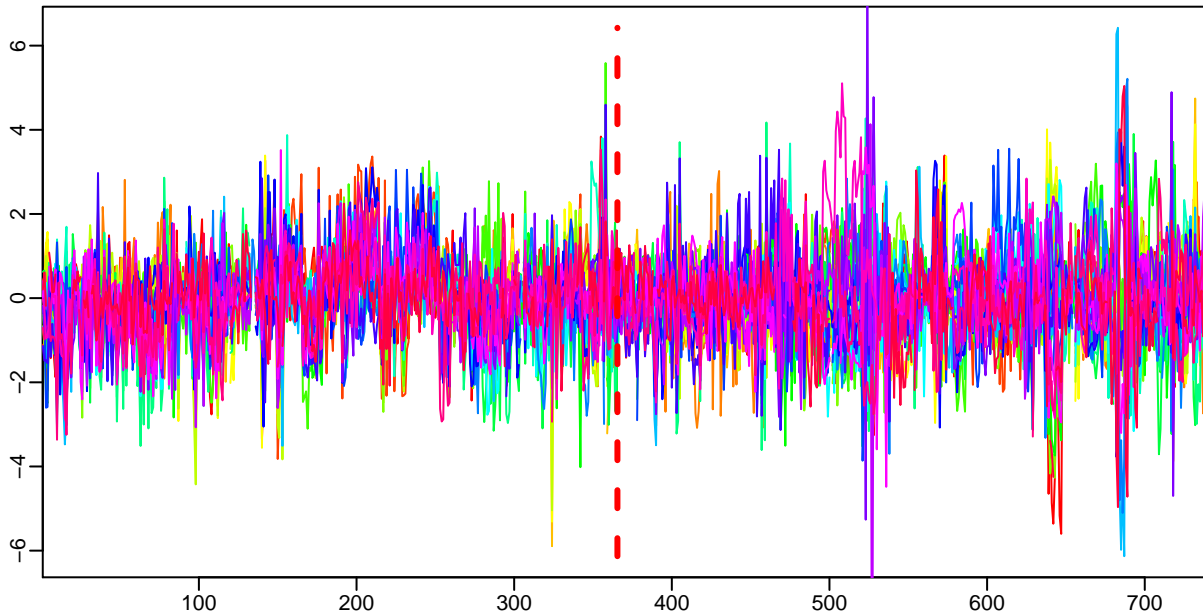
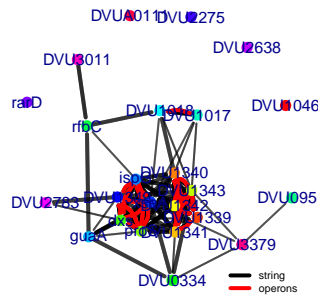
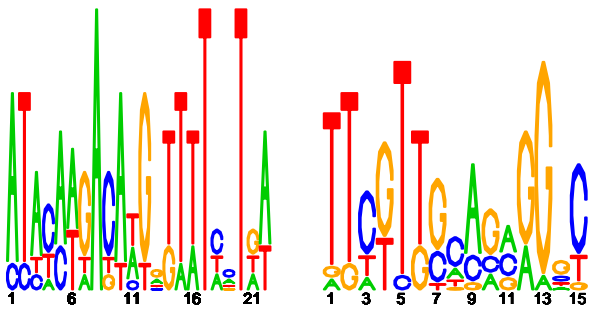


Cluster: 0195 dvu; resid: 0.57; r/c: 24/365

11 Mar 02 17:37:51 iter=1699
cMonkey Version 4.8.2 dvu



upstream meme PSSM #1; e=0.0031 upstream meme PSSM #2; e=190



- log10(P) upstream meme log10(P.clust)=-6.99; 24 seqs; 15 uniq
- 11.93 geranylgeranyl diphosphate synthase: DVU1349
 - 11.93 exodeoxyribonuclease VII, large subunit: DVU1346
 - 11.93 2-deoxy-2-methyl-2-(E)-butenyl 4-diphosphate synthase: DVU1344
 - 11.93 1-deoxy-D-xylulose-5-phosphate synthase: DVU1350
 - 11.93 prolyl-tRNA synthetase: DVU1345
 - 11.93 cation ABC transporter, periplasmic-binding protein: DVU1343
 - 11.93 cation ABC transporter, ATP-binding protein, putative: DVU1342
 - 11.93 cation ABC transporter, permease protein: DVU1341
 - 11.93 transcriptional regulator, Fur family: DVU1340
 - 11.93 lipoprotein, putative: DVU1339
 - 6.7 tonal GMP synthase/glutamine amidotransferase protein: DVU1043
 - 6.58 dTDP-4-dehydrothymine 3,5-epimerase: DVU0698
 - 5.84 ribonucleotide diphosphate reductase subunit alpha: DVU3379
 - 5.82 hypothetical protein: DVU1046
 - 4.92 type I secretion membrane fusion protein, HlyD family: DVU1018
 - 4.92 BC transporter, ATP-binding protein/permease protein: DVU1017
 - 3.71 raiD protein: DVU2425
 - 2.60 molybdopterin biosynthesis MoeA protein, putative: DVU0951
 - 2.09 hypothetical protein: DVU3011
 - 1.86 D-alanine-D-alanine ligase: DVU0334
 - 1.46 hypothetical protein: DVU2783
 - 0.80 III secretion system protein, IpaC family, putative: DVUA0111
 - 0.77 sigma-54 dependent transcriptional regulator: DVU2275
 - 0.27 hypothetical protein: DVU2638