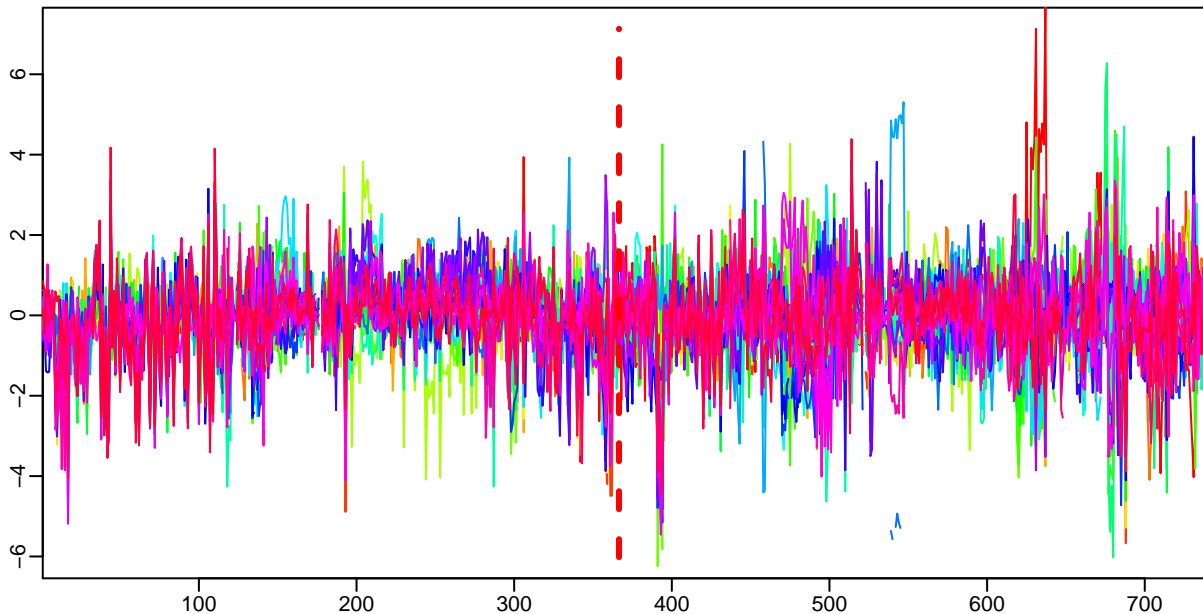


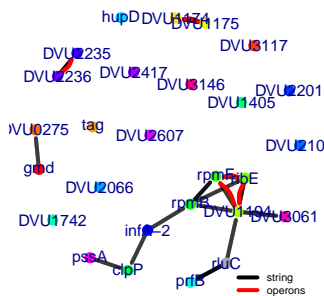
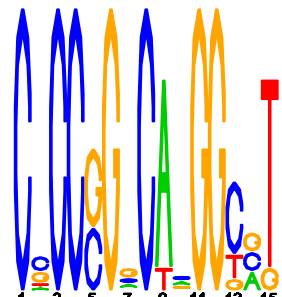
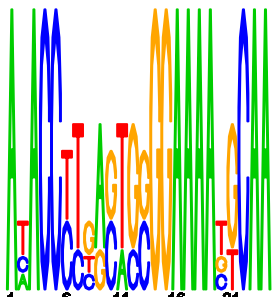
Cluster: 0308 dvu; resid: 0.51; r/c: 27/366

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



upstream meme PSSM #1; e=0.97

upstream meme PSSM #2; e=160



- | log10(P) upstream meme | log10(P.clust)=-3.76; 27 seqs; 23 uniq |
|------------------------|--|
| -13.73 | 50S ribosomal protein L28: DVU1211 |
| -13.73 | ribosomal protein L32: DVU1209 |
| -13.73 | riboflavin synthase subunit alpha: DVU1200 |
| -13.73 | hypothetical protein: DVU1194 |
| -9.99 | peptide chain release factor 2, programmed frameshift: DVU1861 |
| -7.60 | hypothetical protein: DVU3117 |
| -3.85 | prevent-host-death family protein: DVU1742 |
| -2.61 | CDP-diacylglycerol-serine O-phosphatidyltransferase: DVU2980 |
| -2.61 | hypothetical protein: DVU1175 |
| -2.61 | hypothetical protein: DVU1174 |
| -2.53 | hypothetical protein: DVU3146 |
| -2.41 | site-specific recombinase, phage integrase family: DVU2066 |
| -2.01 | ribosomal large subunit pseudouridine synthase C: DVU3191 |
| -2.00 | hypothetical protein: DVU1405 |
| -1.72 | hypothetical protein: DVU2236 |
| -1.72 | hypothetical protein: DVU2235 |
| -1.10 | SlyX protein: DVU2417 |
| -0.87 | DNA-3-methyladenine glycosylase I: DVU0356 |
| -0.77 | iron-sulfur cluster-binding/ATPase domain protein: DVU2104 |
| -0.75 | polysaccharide deacetylase family protein: DVU0275 |
| -0.38 | sensory box histidine kinase: DVU3061 |
| -0.31 | hypothetical protein: DVU2607 |
| -0.25 | GDP-mannose 4,6-dehydratase: DVU0448 |
| -0.11 | hydrogenase expression/formation protein HupD: DVU1923 |
| -0.11 | translation initiation factor IF-1: DVU2246 |
| -0.08 | ATP-dependent Clp protease, proteolytic subunit: DVU1335 |
| -0.01 | alcohol dehydrogenase, iron-containing: DVU2201 |

-200 -100 -1