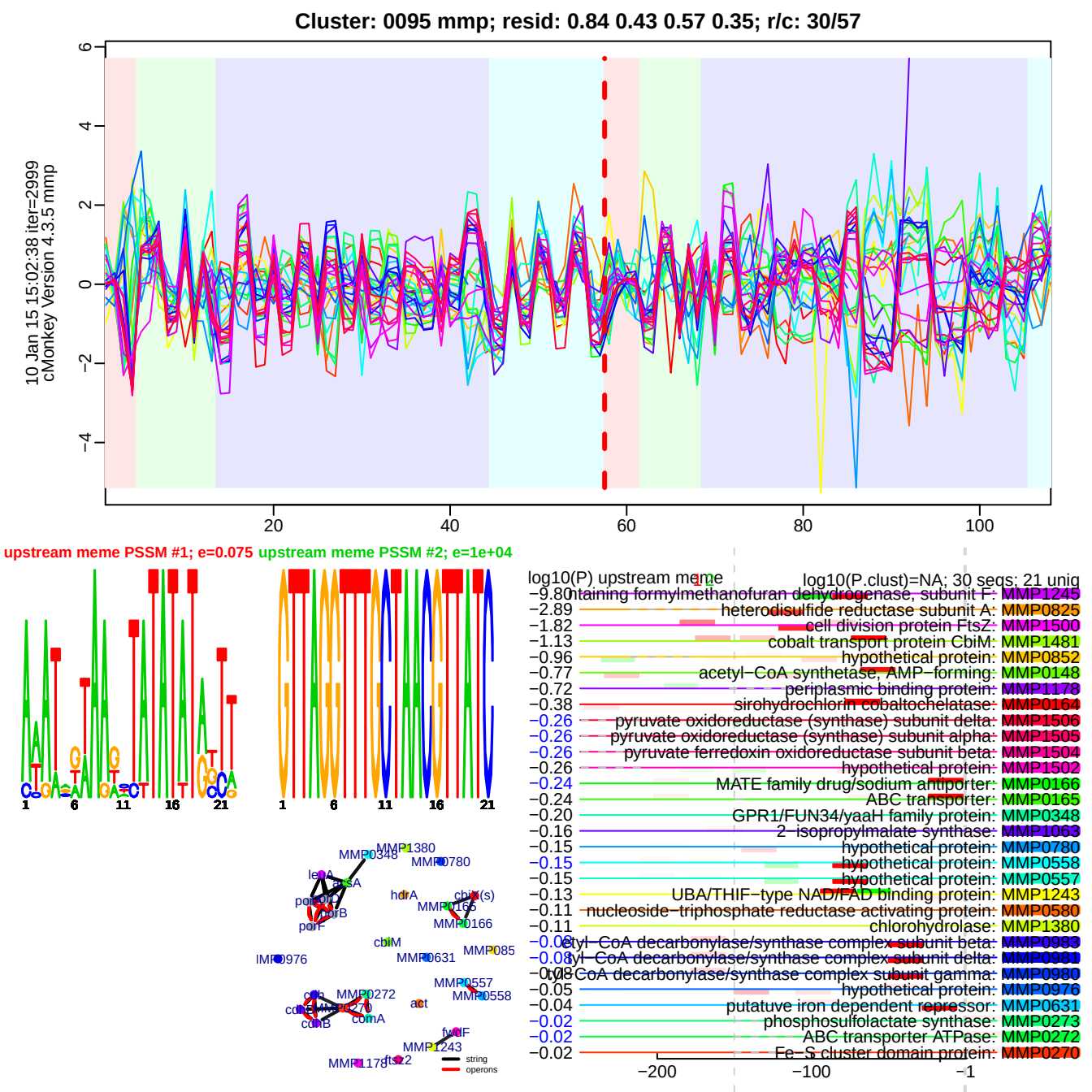
Cluster: 0095 mmp; resid: 0.84 0.43 0.57 0.35; r/c: 30/57
10 Jan 15 15:02:38 iter=2999
cMonkey Version 4.3.5 mmp
upstream meme PSSM #1; e=0.075
upstream meme PSSM #2; e=1e+04
log10(P) upstream meme
log10(P.clust)=NA; 30 seqs; 21 uniq
−9.80 taining formylmethanofuran dehydrogenase, subunit F: MMP1245
−2.89 heterodisulfide reductase subunit A: MMP0825
−1.82 cell division protein FtsZ: MMP1500
−1.13 cobalt transport protein CbiM: MMP1481
−0.96 hypothetical protein: MMP0852
−0.77 acetyl−CoA synthetase, AMP−forming: MMP0148
−0.72 periplasmic binding protein: MMP1178
−0.38 sirohydrochlorin cobaltochelatase: MMP0164
−0.26 pyruvate oxidoreductase (synthase) subunit delta: MMP1506
−0.26 pyruvate oxidoreductase (synthase) subunit alpha: MMP1505
−0.26 pyruvate ferredoxin oxidoreductase subunit beta: MMP1504
−0.26 hypothetical protein: MMP1502
−0.24 MATE family drug/sodium antiporter: MMP0166
−0.24 ABC transporter: MMP0165
−0.20 GPR1/FUN34/yaaH family protein: MMP0348
−0.16 2−isopropylmalate synthase: MMP1063
−0.15 hypothetical protein: MMP0780
−0.15 hypothetical protein: MMP0558
−0.15 hypothetical protein: MMP0557
−0.13 UBA/THIF−type NAD/FAD binding protein: MMP1243
−0.11 nucleoside−triphosphate reductase activating protein: MMP0580
−0.11 chlorohydrolase: MMP1380
−0.08 tyl−CoA decarbonylase/synthase complex subunit beta: MMP0983
−0.08 tyl−CoA decarbonylase/synthase complex subunit delta: MMP0981
−0.08 CoA decarbonylase/synthase complex subunit gamma: MMP0980
−0.05 hypothetical protein: MMP0976
−0.04 putatuve iron dependent repressor: MMP0631
−0.02 phosphosulfolactate synthase: MMP0273
−0.02 ABC transporter ATPase: MMP0272
−0.02 Fe−S cluster domain protein: MMP0270
−200
−100
−1
MMP1380
MMP0348
MMP0780
hdrA
cbiX(s)
MMP0165
MMP0166
cbiM
MMP0085
MMP0631
MMP0976
MMP0557
MMP0558
MMP0272
MMP0270
act
comA
comB
fwdF
MMP1243
MMP1178
string
operons