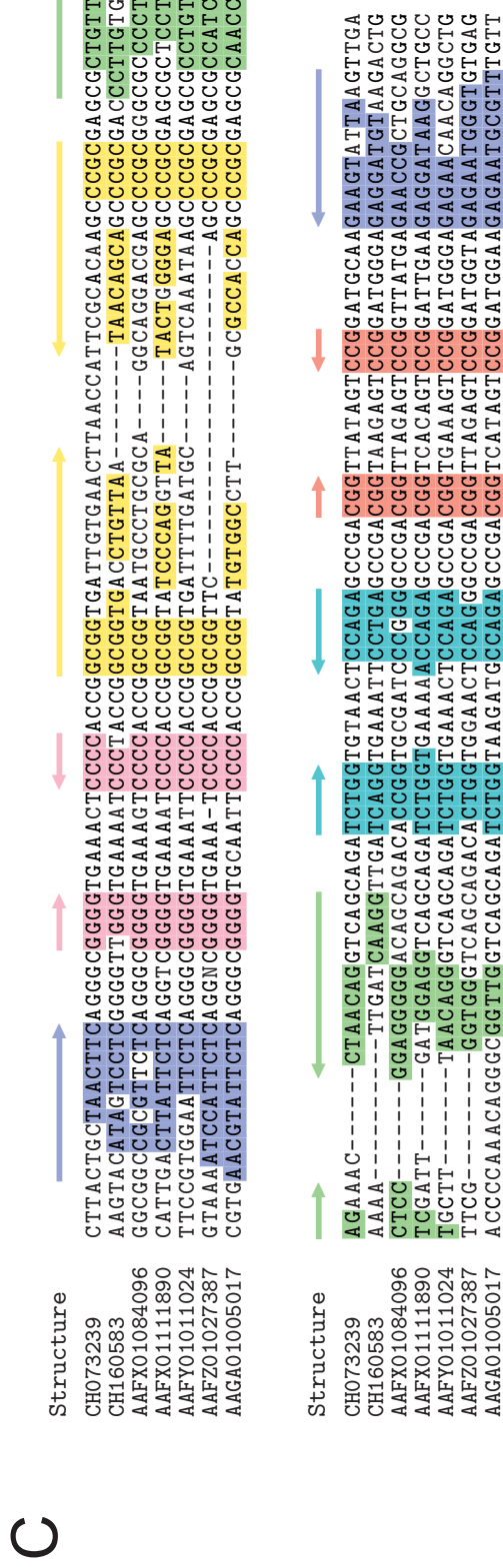


Accession	Metagenome	Start position	End position	Regulated function (COG)
CH073239	Sargasso	5397	5561	COG1985
CH160583	Sargasso	4674	4522	COG0307
AAF01084096	Soil	136	295	COG0054
AAF0111890	Soil	556	398	COG0108
AAF01011024	Whale1	860	702	COG0108
AAFZ01027387	Whale2	32	168	COG0054
AAGA01005017	Whale3	474	311	COG0054



Additional file 10: (A) FMN-riboswitch (RFN-element) pattern. (B) List of identified FMN-riboswitches. (C) Alignment of FMN-riboswitch sequences.