

Protein function	Gene	Number of riboswitches in metagenomes (grouped by taxonomy)		
		Sargasso Sea	Minnesota Soil	Whale Falls
ABC-type nitrate/sulfonate/taurine/bicarbonate transport system, periplasmic component (COG0715)	<i>tauA</i>	-	-	$\delta$ -Proteobacteria $\alpha$ -Proteobacteria 2 1
ABC-type nitrate/sulfonate/bicarbonate transport system, perimease component (COG0600)	<i>tauC</i>	-	-	$\gamma$ -Proteobacteria 1
Amino acid transporters (COG0531)	<i>potE</i>	-	$\beta$ -Proteobacteria 1	-

Additional file 6: YKKC/YXKD riboswitches and their regulated functions identified in three metagenomes.