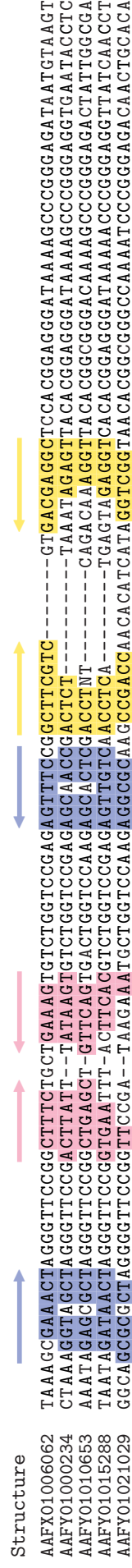


B

Accession	Metagenome	Start position	End position	Regulated function (COG)
AAFX01006062	Soil	501	390	COG0531
AAFY01000234	Whale1	1646	1540	COG0715
AAFY01010653	Whale1	806	697	COG0600
AAFY01015288	Whale1	311	420	COG0715
AAFY01021029	Whale1	845	729	COG0715

C



Additional file 14: (A) YKKC/YXKD riboswitch pattern. (B) List of identified YKKC/YXKD riboswitches. (C) Alignment of YKKC/YXKD riboswitch sequences.