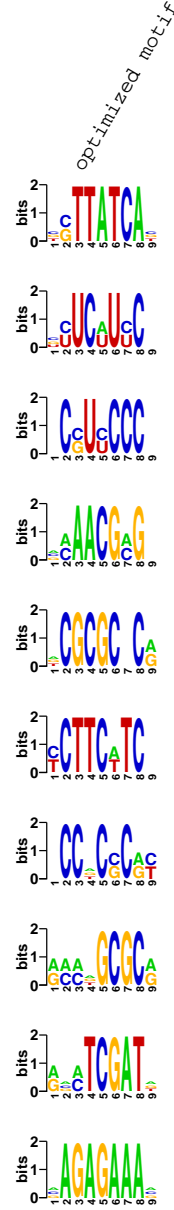
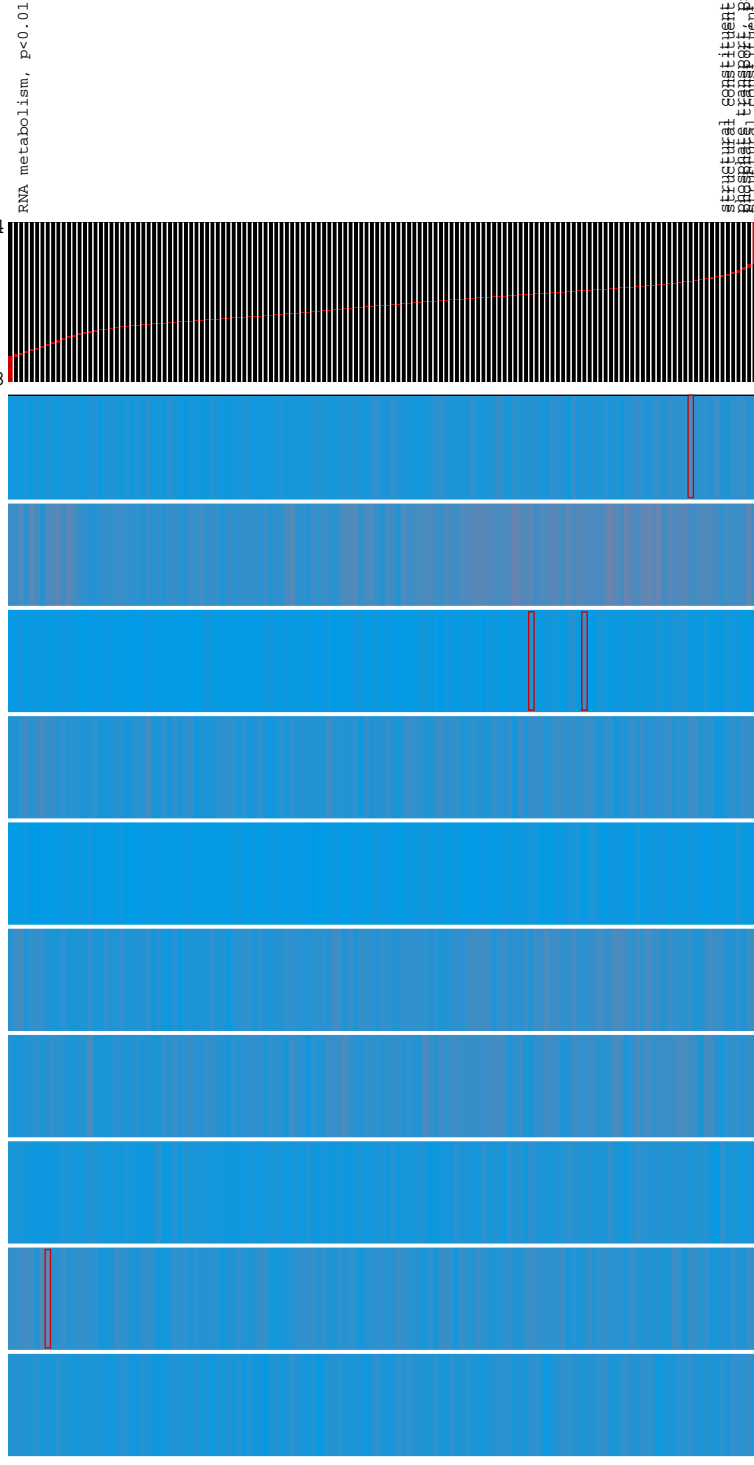


over-representation



under-representation



Optimized motif	location	MI (bits)	z-score	robustness	Position bias	orientation bias	conservation index	seed	motif name
TTATCA	5'	0.017	11.7	10/10	-	-	1.00	CTTATCA	-
UUCUUUC	3'UTR	0.016	10.1	10/10	-	→	1.00	UUCUUUC	-
CCUCCCC	3'UTR	0.016	8.5	9/10	-	→	0.95	CCUCCCC	-
AAACGAG	5'	0.015	9.7	10/10	-	←	0.97	AAACGAG	-
CGCGCGC	5'	0.015	8.7	10/10	-	-	0.98	CGCGCGC	-
CTTCTTC	5'	0.015	9.2	8/10	Y	-	0.97	CTTCTTC	-
CCGCCCA	5'	0.015	8.5	9/10	Y	→	1.00	CCGCCCA	-
AAGGCGC	5'	0.014	8.2	7/10	-	←	0.99	AAGGCGC	-
AATCGAT	5'	0.013	7.0	6/10	-	←	1.00	AATCGAT	-
AGAGAAA	5'	0.013	6.7	7/10	-	←	0.90	AGAGAAA	-