



bits	optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
2 1 0		3' UTR	0.023	19.1	10/10	-	→	1.00	UUUUUU	-
2 1 0		5'	0.018	12.5	10/10	-	-	1.00	CGCAGAC	-
2 1 0		5'	0.022	17.7	10/10	-	-	1.00	AACGCGC	-
2 1 0		5'	0.020	15.3	10/10	-	-	1.00	CGAGACC	-
2 1 0		5'	0.020	15.1	10/10	-	-	1.00	AATCGAT	-
2 1 0		3' UTR	0.017	11.8	10/10	-	→	0.99	AAAUAAA	-
2 1 0		5'	0.013	6.2	6/10	-	-	0.90	ATGGTTA	-
2 1 0		5'	0.016	10.6	9/10	-	←	0.99	TTCGCAA	-
2 1 0		3' UTR	0.016	10.7	10/10	-	→	0.99	UAUUUAU	-
2 1 0		5'	0.016	10.5	9/10	-	-	0.83	TGCGCTC	-
2 1 0		5'	0.014	8.0	9/10	-	-	0.90	CGAAGAA	-
2 1 0		5'	0.014	7.5	8/10	-	←	0.86	CTTCGCG	-
2 1 0		3' UTR	0.014	7.9	10/10	-	→	0.99	AAUAAAU	-
2 1 0		5'	0.013	6.3	6/10	-	-	0.33	CCGTGGC	-
2 1 0		5'	0.013	7.0	8/10	-	→	0.96	AACATGT	-
2 1 0		5'	0.012	6.0	6/10	-	→	0.91	ATTTTCG	-