



Optimized motif	location	MI (bits)	z-score	robustness	Position bias	orientation bias	conservation index	seed	motif name
	3'UTR	0.031	24.4	10/10	-	→	1.00	UUUCCCC	-
	5'	0.023	16.0	10/10	-	-	1.00	CGAGACC	-
	5'	0.020	12.7	10/10	-	-	0.99	TTTCGCA	-
	3'UTR	0.018	11.0	10/10	-	→	0.99	UCCUUC	-
	3'UTR	0.020	13.3	10/10	-	→	0.99	AUUUAUU	-
	3'UTR	0.018	10.7	10/10	-	→	0.98	UUCUUUU	-
	5'	0.019	12.3	10/10	-	-	1.00	AGAGCGC	-
	5'	0.017	10.5	10/10	-	-	1.00	AATCGAT	-
	5'	0.017	10.4	9/10	-	→	0.99	TGCGTAC	-
	3'UTR	0.016	9.0	10/10	-	→	0.99	GUUUUAU	-
	5'	0.015	8.5	9/10	-	←	0.89	CGAAGAA	-
	5'	0.016	8.6	10/10	-	-	0.88	TCGTTGC	-
	5'	0.016	8.7	10/10	-	-	0.91	TCGCTGC	-
	3'UTR	0.015	8.4	9/10	-	→	0.90	CACUUUC	-
	3'UTR	0.015	8.2	8/10	-	→	0.92	AAAAAUG	-
	5'	0.015	7.9	9/10	-	-	0.63	ATATGTA	-