



optimized motif

bits	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5'	0.020	14.9	10/10	-	-	1.00	CGAGACC	-
	5'	0.018	12.8	10/10	-	-	1.00	AGTGCCG	-
	5'	0.016	9.9	9/10	-	←	1.00	ACGTGGGA	-
	3'UTR	0.017	12.0	9/10	-	→	1.00	UUUUUUU	-
	5'	0.015	9.7	10/10	-	←	0.94	CGATAAA	-
	5'	0.015	9.2	9/10	-	→	0.76	ATTCTCG	-
	5'	0.015	8.4	9/10	-	←	1.00	CGCGACG	-
	5'	0.015	8.6	10/10	-	←	0.49	ATATGTA	-
	5'	0.014	8.3	6/10	-	-	0.86	CGAAGAA	-
	5'	0.014	8.2	7/10	-	→	0.85	AGGGGTG	-
	5'	0.014	7.9	7/10	-	→	0.95	AAAATCG	-
	3'UTR	0.014	7.9	8/10	-	→	0.99	UAAUAAA	-
	3'UTR	0.014	6.6	6/10	-	→	0.85	UAUUCCC	-
	5'	0.013	7.1	8/10	-	→	0.55	CCTACGC	-