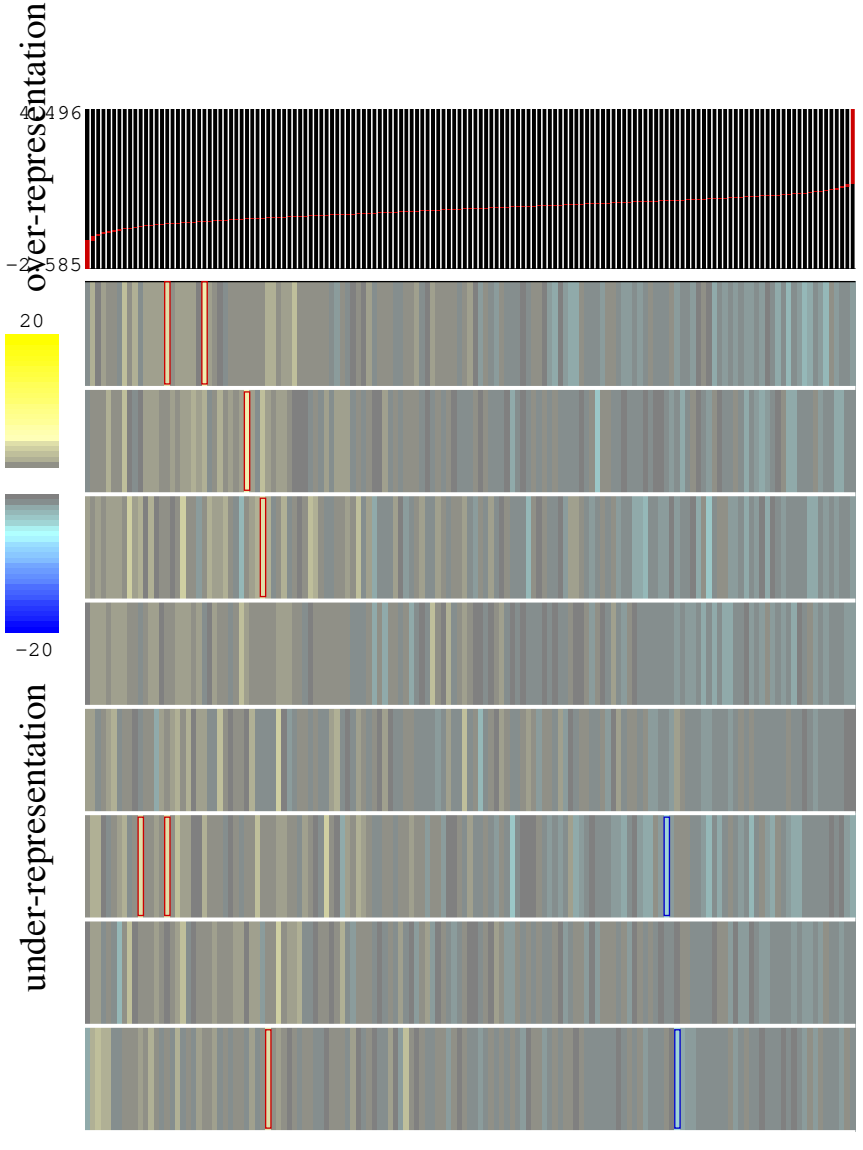
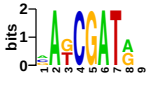
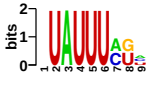
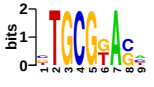
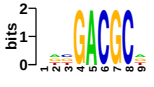


optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5′	0.018	13.1	10/10	–	–	1.00	AACGCGC	–
	5′	0.018	12.3	10/10	–	–	1.00	CGAGACC	–
	3′UTR	0.016	10.2	10/10	–	→	0.99	UUCUUGU	–
	5′	0.015	9.5	10/10	–	–	1.00	ATCGATA	–
	5′	0.015	8.9	10/10	–	–	0.87	CGAAGAA	–
	3′UTR	0.014	8.4	7/10	Y	→	0.99	UAUUUAU	–
	5′	0.014	7.9	8/10	–	→	1.00	TGCGTAC	–
	5′	0.013	7.3	7/10	–	–	0.99	TTGACGC	–