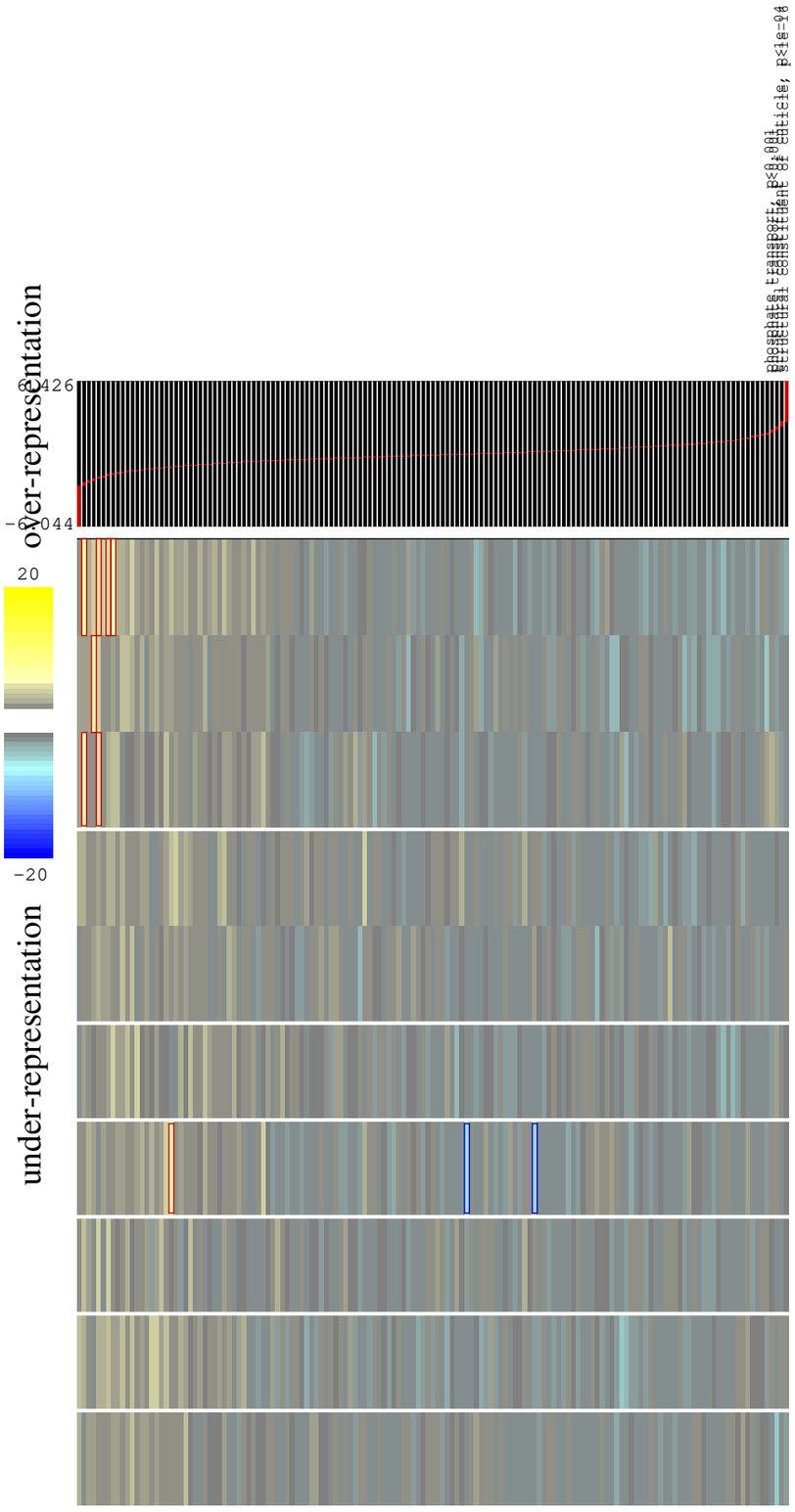

optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5′	0.023	18.7	10/10	–	–	1.00	CGCGCTC	–
	5′	0.018	12.1	10/10	–	–	1.00	AATCGAT	–
	3′UTR	0.014	7.5	9/10	–	→	1.00	UCUCUCC	–
	5′	0.017	11.9	10/10	Y	→	1.00	CGAGACC	–
	5′	0.014	8.1	8/10	–	←	0.98	ACGCGCA	–
	5′	0.015	8.5	9/10	–	–	0.94	TCCACGA	–
	3′UTR	0.014	8.5	9/10	–	→	0.93	UGCUUGU	–
	3′UTR	0.014	6.9	8/10	–	→	0.99	GUUCCAU	–
	3′UTR	0.014	8.0	9/10	–	→	0.99	UAUUUAU	–
	5′	0.014	7.9	7/10	–	–	0.74	CGAACGC	–