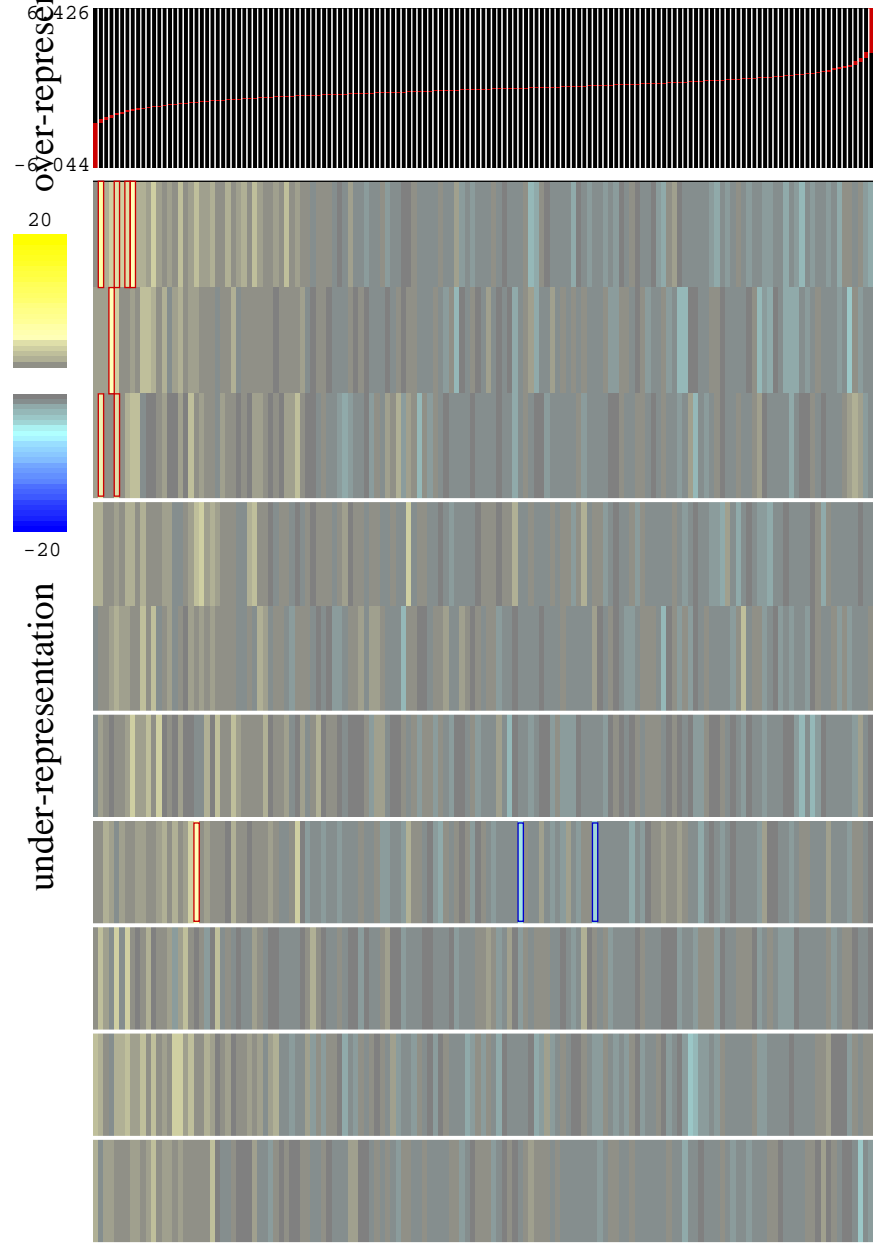


over-representation



under-representation

-20



CGCGCTC
AATCGAT
UCUCUCC
CGAGACC
ACGCGCA
TCCACGA
UGCUUGU
GUUCCAU
UAUUUAU
CGAACGC

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	-