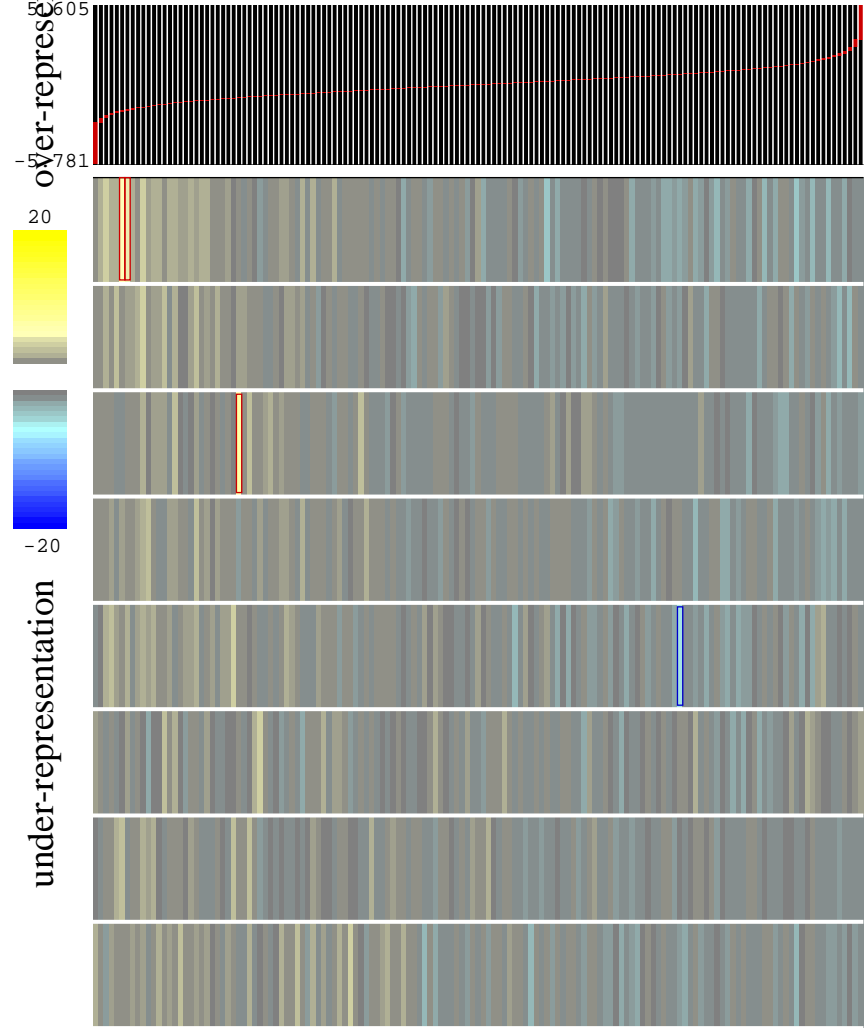


over-representation

under-representation



STRUCTURAL PERSISTENCE OF TERTIARY,  $p < 0.001$

Optimized Motif	Location	MI (bits)	Z-score	Robustness	Position Bias	Orientation Bias	Conservation Index	Seed	Motif Name
	3' UTR	0.019	13.4	10/10	Y	→	1.00	UCCCCC	-
	5'	0.018	12.3	10/10	-	-	0.99	CGAGACC	-
	5'	0.016	10.2	10/10	-	-	1.00	AATCGAT	-
	5'	0.016	10.1	10/10	-	-	0.96	AACGCGC	-
	3' UTR	0.015	9.2	7/10	-	→	0.99	AUUUAUU	-
	3' UTR	0.014	7.4	7/10	-	→	0.99	CUUUACA	-
	5'	0.013	6.7	6/10	-	-	0.82	CGCAACG	-
	5'	0.013	7.3	8/10	-	→	0.84	CACCGCG	-