

over-representation

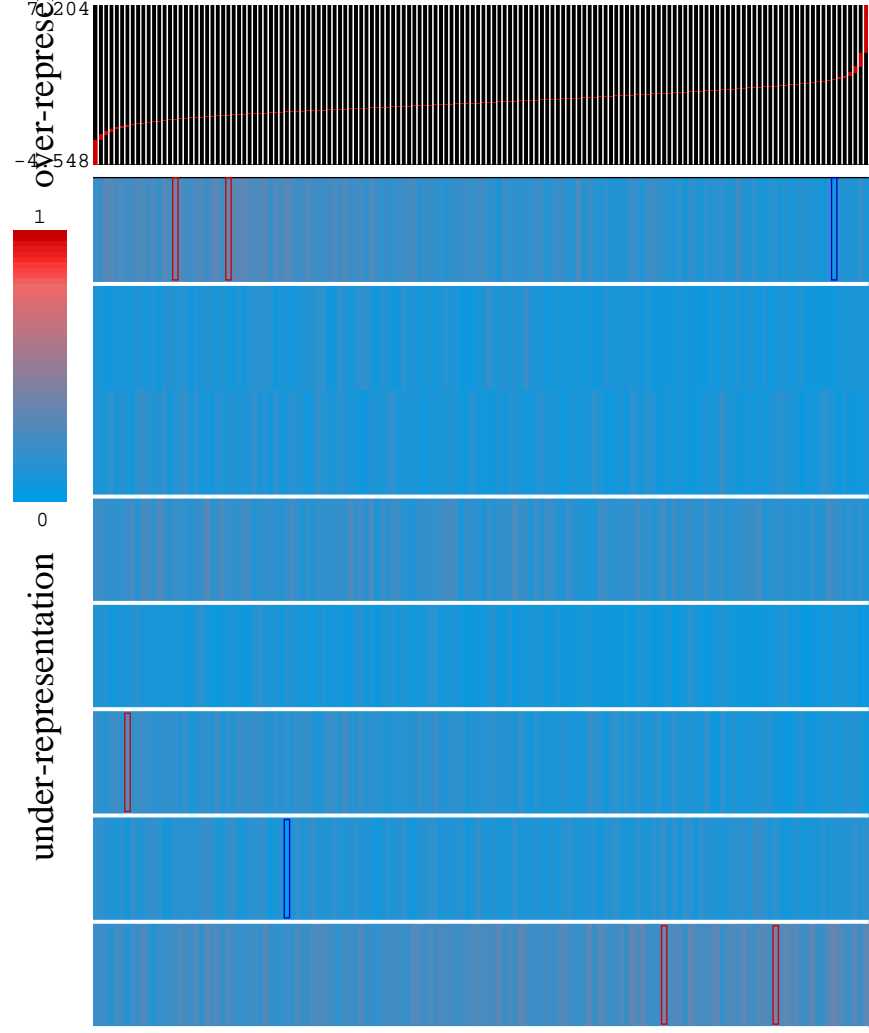
under-representation



structural molecule activity, p<0.01

oxidative phosphorylation, p<0.001

structural molecule activity, p<0.001



bits	optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
bits 0 1 2 1 2 3 4 5 6 7 8		3'UTR	0.021	15.9	10/10	-	→	1.00	UUCCCC	-
bits 0 1 2 1 2 3 4 5 6 7 8		5'	0.016	10.1	10/10	-	←	0.97	ACGAGAG	-
bits 0 1 2 1 2 3 4 5 6 7 8		5'	0.015	8.9	9/10	-	←	0.96	CACACAC	-
bits 0 1 2 1 2 3 4 5 6 7 8		5'	0.015	9.5	10/10	-	←	0.83	AGAGAAA	-
bits 0 1 2 1 2 3 4 5 6 7 8		5'	0.015	8.7	9/10	-	←	1.00	GAGACGC	-
bits 0 1 2 1 2 3 4 5 6 7 8		5'	0.013	7.3	7/10	-	→	0.90	CTCCTCC	-
bits 0 1 2 1 2 3 4 5 6 7 8		5'	0.013	7.3	8/10	-	←	0.94	AGAGAGG	-
bits 0 1 2 1 2 3 4 5 6 7 8		3'UTR	0.013	6.5	6/10	-	→	0.98	AAUGUGG	-