

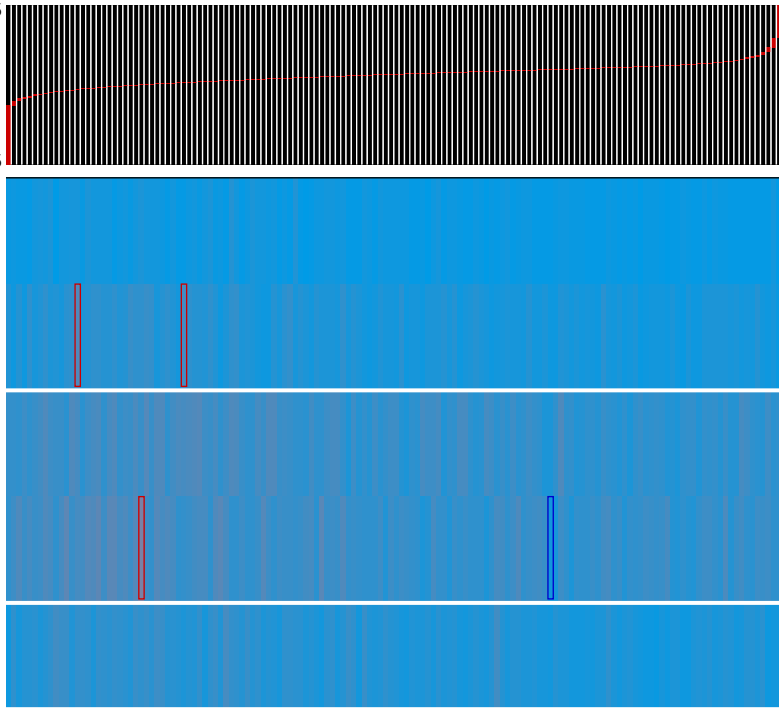
over-representation

under-representation



structural molecule activity, $p < 0.001$

amino acid metabolism, $p < 0.01$
 hydrolase activity, acting on carbon-nitrogen (but



Optimized motif	Location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5'	0.018	12.3	10/10	-	-	1.00	CGAGACC	-
	3' UTR	0.016	9.9	10/10	-	→	1.00	UCCCCGU	-
	5'	0.015	8.8	9/10	-	←	0.99	AAATCGA	-
	3' UTR	0.014	7.8	8/10	-	→	0.99	AUUUAUU	-
	5'	0.015	8.6	10/10	-	-	1.00	AACGCGC	-