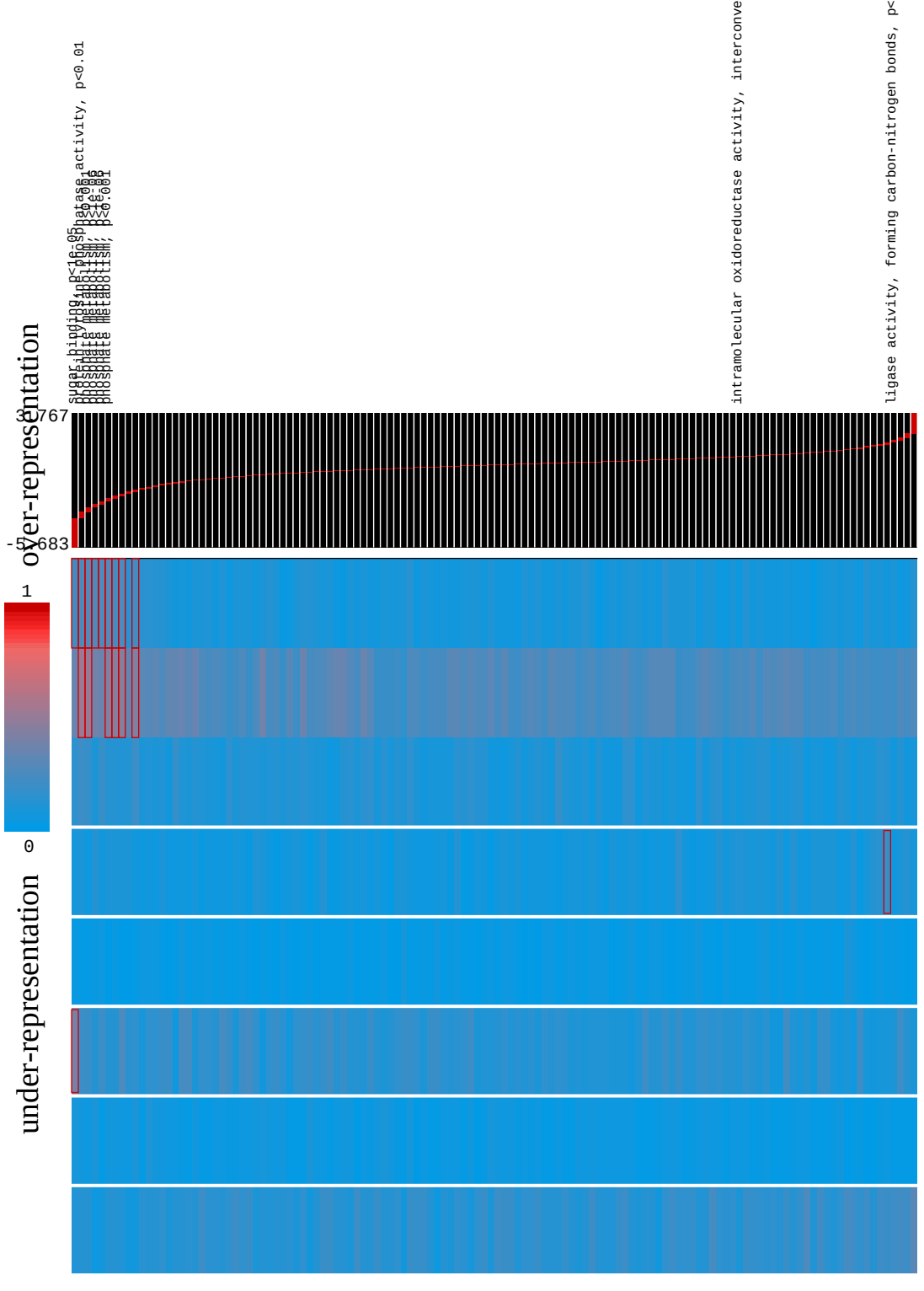
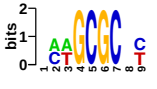


optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5′	0.023	17.3	10/10	Y	-	0.98	ACGTGAA	-
	3′UTR	0.017	10.6	10/10	Y	→	0.99	GAAUAAA	-
	5′	0.015	8.0	8/10	Y	←	0.85	AAGTTCA	-
	5′	0.015	8.6	9/10	-	←	1.00	AATCGAT	-
	3′UTR	0.015	6.8	6/10	-	→	0.96	GUACAUA	-
	3′UTR	0.014	8.0	9/10	-	→	0.85	UUAAAAG	-
	5′	0.014	7.3	7/10	-	-	0.22	TGCCTAC	-
	5′	0.014	7.5	6/10	-	←	0.99	ATGCGCC	-