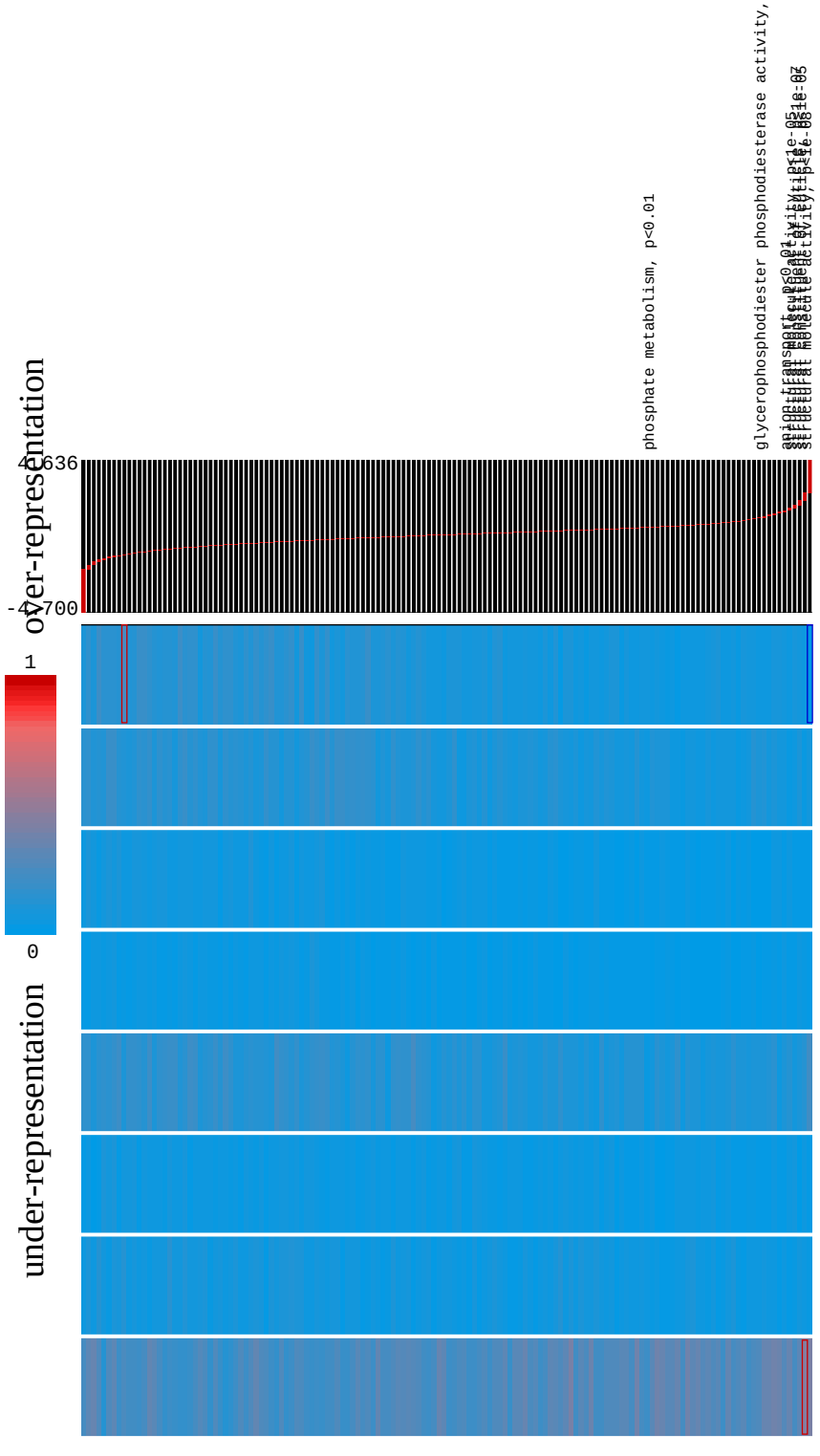

optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5′	0.022	16.9	10/10	Y	-	1.00	AACGCGC	-
	5′	0.019	13.6	10/10	-	-	1.00	AATCGAT	-
	5′	0.018	11.5	10/10	-	-	1.00	CGAGACC	-
	5′	0.015	7.6	7/10	-	-	1.00	TGCGTAC	-
	5′	0.014	8.4	10/10	-	-	0.94	TTTTCGC	-
	5′	0.014	8.2	7/10	-	←	0.89	AGCGAGA	-
	5′	0.014	8.2	10/10	-	→	0.44	ACTACGG	-
	3′UTR	0.013	7.2	7/10	-	→	1.00	AAAUAAA	-