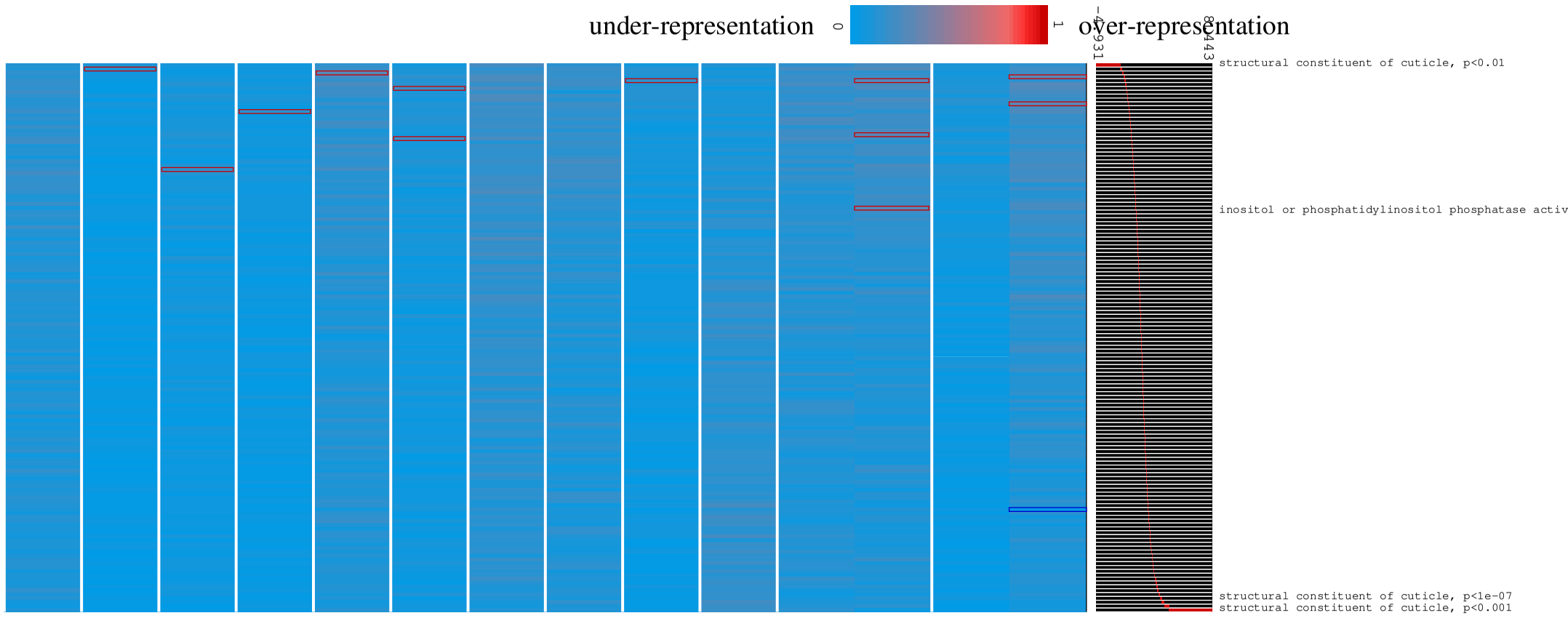
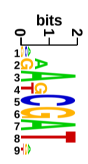


optimized motif	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name	location
	0.023	18.6	10/10	-	-	1.00	AATCGAT	-	5′
	0.021	16.2	10/10	-	-	1.00	CGAGACC	-	5′
	0.023	18.5	10/10	Y	-	1.00	AACGCGC	-	5′
	0.018	11.9	10/10	-	-	0.99	TTCGCAA	-	5′
	0.017	11.6	10/10	-	-	0.37	ATACATA	-	5′
	0.017	10.5	10/10	-	→	0.99	UCCCCCC	-	3′UTR
	0.016	10.6	10/10	-	-	0.87	CGAAGAA	-	5′
	0.016	10.2	10/10	-	←	0.97	TCCGCGA	-	5′
	0.015	9.2	10/10	-	-	0.99	TGCGCTC	-	5′
	0.015	8.9	10/10	-	→	0.79	ATCATCG	-	5′
	0.014	8.0	8/10	-	-	0.94	CCGCACG	-	5′
	0.014	7.9	7/10	-	-	1.00	ACGCAGA	-	5′
	0.014	7.0	7/10	-	→	0.86	ACCGTAG	-	5′
	0.014	7.7	6/10	-	-	0.89	AGCGAGA	-	5′