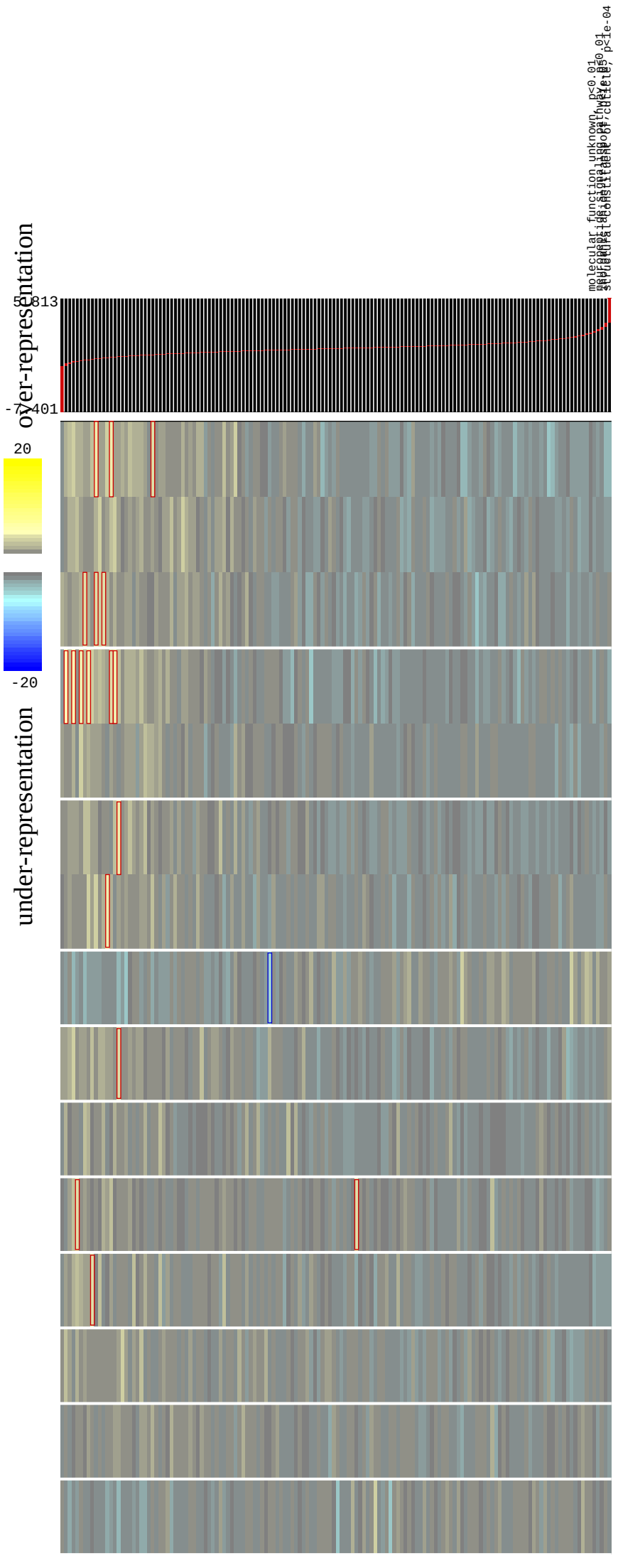

	optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
1		5′	0.025	20.5	10/10	-	-	1.00	AACGCGC	-
2		5′	0.020	15.1	10/10	-	-	1.00	AATCGAT	-
3		3′UTR	0.016	10.0	10/10	-	→	0.97	UAUUUAU	-
4		3′UTR	0.019	14.4	10/10	-	→	1.00	CCCUCCC	-
5		5′	0.016	9.7	10/10	-	←	0.98	TGCGTAC	-
6		5′	0.018	12.9	10/10	Y	-	1.00	CGAGACC	-
7		5′	0.015	9.7	9/10	-	←	0.98	TCGACGA	-
8		3′UTR	0.015	9.2	10/10	-	→	0.98	UAAUAAA	-
9		5′	0.014	8.2	9/10	-	→	0.96	TCTTCGC	-
10		3′UTR	0.014	6.8	6/10	-	→	0.70	UAUUCCC	-
11		5′	0.014	7.6	7/10	-	←	0.81	ATTCGCG	-
12		5′	0.014	7.7	6/10	-	→	0.97	TTTCCGC	-
13		5′	0.013	7.2	9/10	Y	-	0.79	ATCGGAG	-
14		5′	0.013	6.4	6/10	-	-	0.97	TCTCTTC	-
15		5′	0.013	6.3	7/10	-	-	0.36	ACTTTTG	-