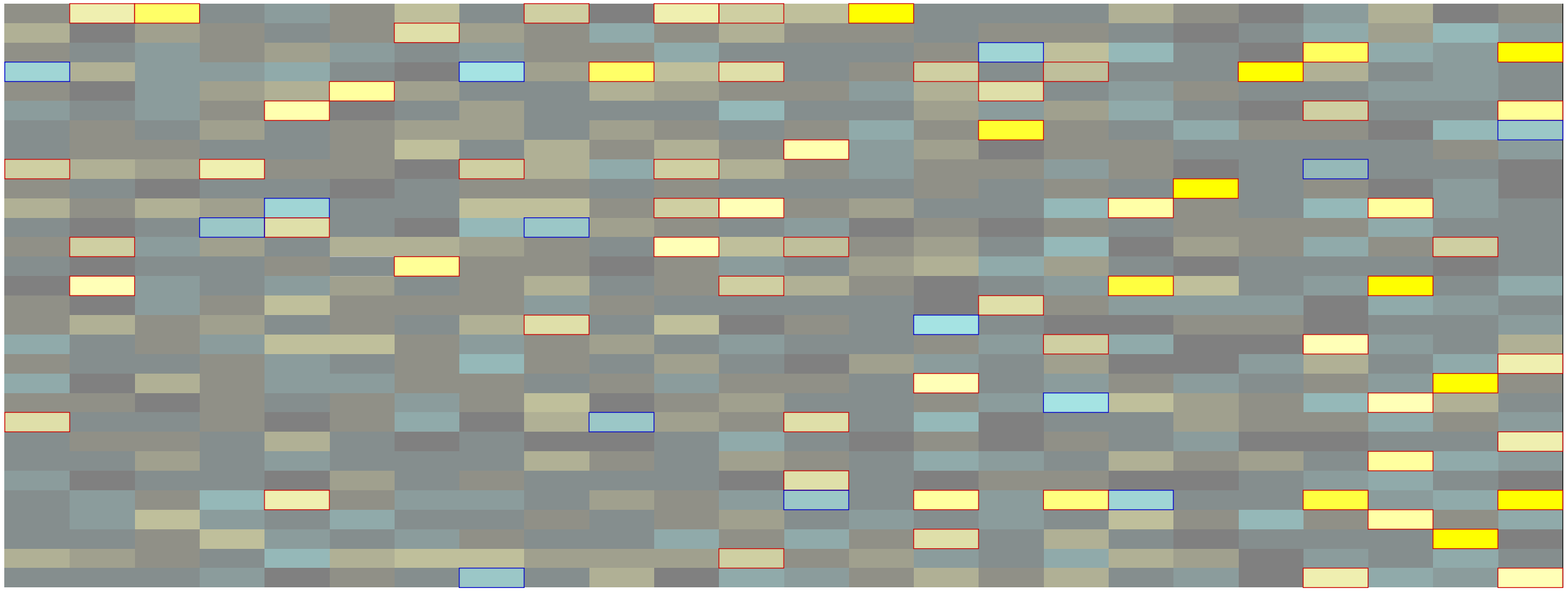

optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5′	0.069	38.4	10/10	Y	-	1.00	CTCATC	PAC
	3′UTR	0.047	23.7	10/10	Y	→	1.00	GUAAAU	PUF3
	5′	0.046	23.8	10/10	Y	-	1.00	AAGGGG	MSN2
	5′	0.035	17.0	10/10	Y	-	1.00	AAATTT	-
	5′	0.033	14.5	10/10	Y	→	0.97	CCGTAC	RAP1
	5′	0.032	13.9	10/10	Y	←	1.00	GCCACC	-
	5′	0.030	13.4	10/10	-	→	1.00	CAGGGG	-
	5′	0.028	12.1	10/10	Y	←	0.99	TTTTCA	STE12
	5′	0.028	11.7	10/10	-	-	1.00	AACGCG	MBP1
	3′UTR	0.028	12.1	10/10	Y	→	1.00	UGUAUA	PUF4
	5′	0.027	11.4	10/10	Y	→	0.99	CCAATC	HAP4
	5′	0.026	10.6	10/10	-	-	0.99	CGCGGC	-
	5′	0.026	10.3	9/10	Y	-	1.00	CCCCGC	-
	5′	0.025	10.3	10/10	-	←	0.99	CGCACG	-
	3′UTR	0.025	10.6	10/10	-	→	0.99	UAUAAU	-
	5′	0.023	8.7	8/10	-	→	0.96	CGCTCC	-
	3′UTR	0.022	8.4	8/10	-	→	1.00	CACACA	-
	5′	0.022	7.8	8/10	-	←	1.00	CACGTG	CBF1
	5′	0.022	8.2	9/10	Y	→	1.00	TCTCGA	XBP1
	3′UTR	0.022	8.3	8/10	Y	→	1.00	UAUAGA	-
	3′UTR	0.021	7.5	6/10	-	→	0.99	GCGCUG	-
	3′UTR	0.021	7.3	7/10	-	→	1.00	AUAUUC	-
	5′	0.020	6.8	6/10	-	-	0.99	CGGGCC	-
	3′UTR	0.020	7.2	6/10	-	→	1.00	CCGCAA	-