



Optimized motif	location	MI (bits)	z-score	Robustness	Position bias	orientation bias	conservation index	seed	motif name
	5'	0.039	23.5	10/10	Y	-	1.00	AAAATTT	RRPE
	5'	0.025	12.4	10/10	Y	→	0.99	TCCGTAC	RAP1
	5'	0.017	7.4	6/10	-	→	0.94	TTTTCAA	-
	5'	0.033	18.9	10/10	Y	-	1.00	CCCCTTA	MSN24
	5'	0.024	12.8	10/10	Y	-	0.99	CCCTTAA	-
	5'	0.023	11.8	10/10	-	-	0.99	CCGCGCC	-
	5'	0.018	8.3	7/10	-	-	0.99	AGGGATA	GIS1
	5'	0.019	8.8	10/10	Y	→	0.95	CTGAAAA	-