



Optimized motif	location	MI (bits)	z-score	robustness	Position bias	orientation bias	conservation index	seed	motif name
	5'	0.042	25.8	10/10	Y	-	1.00	AAAATTT	MSN24
	3'UTR	0.020	10.0	10/10	Y	→	1.00	UUUUUAA	-
	3'UTR	0.018	7.9	9/10	-	→	0.99	UUAUUUU	-
	5'	0.039	23.9	10/10	Y	-	1.00	CCCCTTA	MSN24
	5'	0.025	13.4	10/10	Y	→	0.99	TAAGGGA	MSN24
	5'	0.019	9.0	10/10	-	←	0.97	ATATCCC	-
	5'	0.024	11.3	10/10	Y	→	0.96	CCGTACA	RAP1