



Optimized motif	Location	MI (bits)	z-score	Robustness	Position bias	Orientation bias	Conservation index	seed	motif name
	5'	0.054	34.7	10/10	Y	-	1.00	CTCATCG	PAC
	5'	0.020	9.5	8/10	Y	→	0.99	AATTTTC	-
	5'	0.042	26.0	10/10	Y	-	1.00	CCCCTTA	MSN24
	5'	0.024	12.2	10/10	-	-	1.00	TCCCCGC	-
	5'	0.022	11.3	10/10	-	←	0.99	CCCTTAA	-
	5'	0.020	8.6	10/10	-	-	1.00	AACCGGT	MBP1