



bits	Optimized motif	location	MI (bits)	z-score	Robustness	Position bias	orientation bias	conservation index	seed	motif name
bits 0 2 CTCATCG	5'	0.065	42.4	10/10	Y	-	1.00	CTCATCG	PAC	
bits 0 2 AATTTTC	5'	0.020	9.8	9/10	Y	-	0.98	AATTTTC	-	
bits 0 2 AAAAAAT	5'	0.017	7.3	6/10	-	-	0.97	AAAAAAT	-	
bits 0 2 CCCCCT	5'	0.035	21.2	10/10	Y	←	1.00	CCCCCTTA	MSN24	
bits 0 2 AGAGGGG	5'	0.024	12.6	10/10	-	←	1.00	AGAGGGG	-	
bits 0 2 CAAGGGG	5'	0.018	7.6	6/10	-	-	1.00	CAAGGGG	MSN24	
bits 0 2 CCGTACA	5'	0.025	12.4	10/10	Y	→	0.96	CCGTACA	RAP1	
bits 0 2 TTGCCAC	5'	0.025	13.1	10/10	Y	-	1.00	TTGCCAC	RPN4	