



Optimized motif	Location	MI (bits)	z-score	Robustness	Position bias	Orientation bias	Conservation index	Seed	Motif name
	5'	0.040	24.9	10/10	Y	-	1.00	CCCTTA	MSN24
	5'	0.020	9.7	10/10	-	←	1.00	GCCGCG	-
	5'	0.020	9.4	10/10	-	-	1.00	CCCTTA	-
	5'	0.035	20.1	10/10	Y	-	1.00	CTCATCG	PAC
	5'	0.021	10.2	10/10	-	-	0.99	AATTTTC	-
	5'	0.021	9.6	8/10	Y	→	0.96	CCGTACA	RAP1
	5'	0.019	8.3	7/10	Y	←	1.00	TGCCACC	-
	5'	0.017	6.6	7/10	-	-	1.00	CGCGAAA	SWI4