



motif name	seed	conservation index	orientation bias	position bias	robustness	$z$ -score	MI (bits)	location	
RRPE	AAAATTT	-	-	-	Y	30.7	10/10	5'	optimized motif 1
-	AAAAAAA	-	-	-	-	8.1	6/10	5'	optimized motif 2
-	CGTGCGC	-	→	-	-	9.5	10/10	5'	optimized motif 3
-	CGCCAGC	-	-	-	-	9.5	9/10	5'	optimized motif 4