



allantoin metabolism, p<0.01

optimized motif	location	MI (bits)	z-score	robustness	Position bias	orientation bias	conservation index	seed	motif name
	5'	0.033	19.6	10/10	Y	←	1.00	CTCATCG	MSN24
	5'	0.023	11.8	10/10	Y	-	0.99	AATTTTC	RRPE
	5'	0.029	16.0	10/10	Y	→	0.99	CCGTACA	-
	5'	0.025	13.5	10/10	-	-	1.00	AAGGGGC	MSN24
	5'	0.025	13.4	10/10	Y	-	1.00	ATAAGGG	MSN24
	5'	0.023	12.2	10/10	Y	-	1.00	CCTTATC	-