



structural constituent of cuticle, p<1e-07
structural constituent of cuticle, p<0.001

bits	optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
bits 0 1 2 1 2 3 4 5 6 7 8 9 A G A T C G A T	5'	0.023	18.6	10/10	-	-	1.00	AATCGAT	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 C G A G A C C	5'	0.021	16.2	10/10	-	-	1.00	CGAGACC	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 A C G C C C	5'	0.023	18.5	10/10	Y	-	1.00	AACGCGC	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 T A G G A A C G	5'	0.018	11.9	10/10	-	-	0.99	TTCGCAA	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 C A T A C A T A	5'	0.017	11.6	10/10	-	-	0.37	ATACATA	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 C C C C C C	3'UTR	0.017	10.5	10/10	-	→	0.99	UCCCCC	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 G A A G A A T G	5'	0.016	10.6	10/10	-	-	0.87	CGAAGAA	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 T C C G A C G A	5'	0.016	10.2	10/10	-	←	0.97	TCCGCGA	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 T G C G C A C A T T	5'	0.015	9.2	10/10	-	-	0.99	TGCGCTC	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 A C G A T G G C	5'	0.015	8.9	10/10	-	→	0.79	ATCATCG	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 T G C G A G G	5'	0.014	8.0	8/10	-	-	0.94	CCGCACG	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 C A C G G A G A	5'	0.014	7.9	7/10	-	-	1.00	ACGCAGA	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 A C G G A G C T	5'	0.014	7.0	7/10	-	→	0.86	ACCGTAG	-	
bits 0 1 2 1 2 3 4 5 6 7 8 9 A C G A G A G	5'	0.014	7.7	6/10	-	-	0.89	AGCGAGA	-	