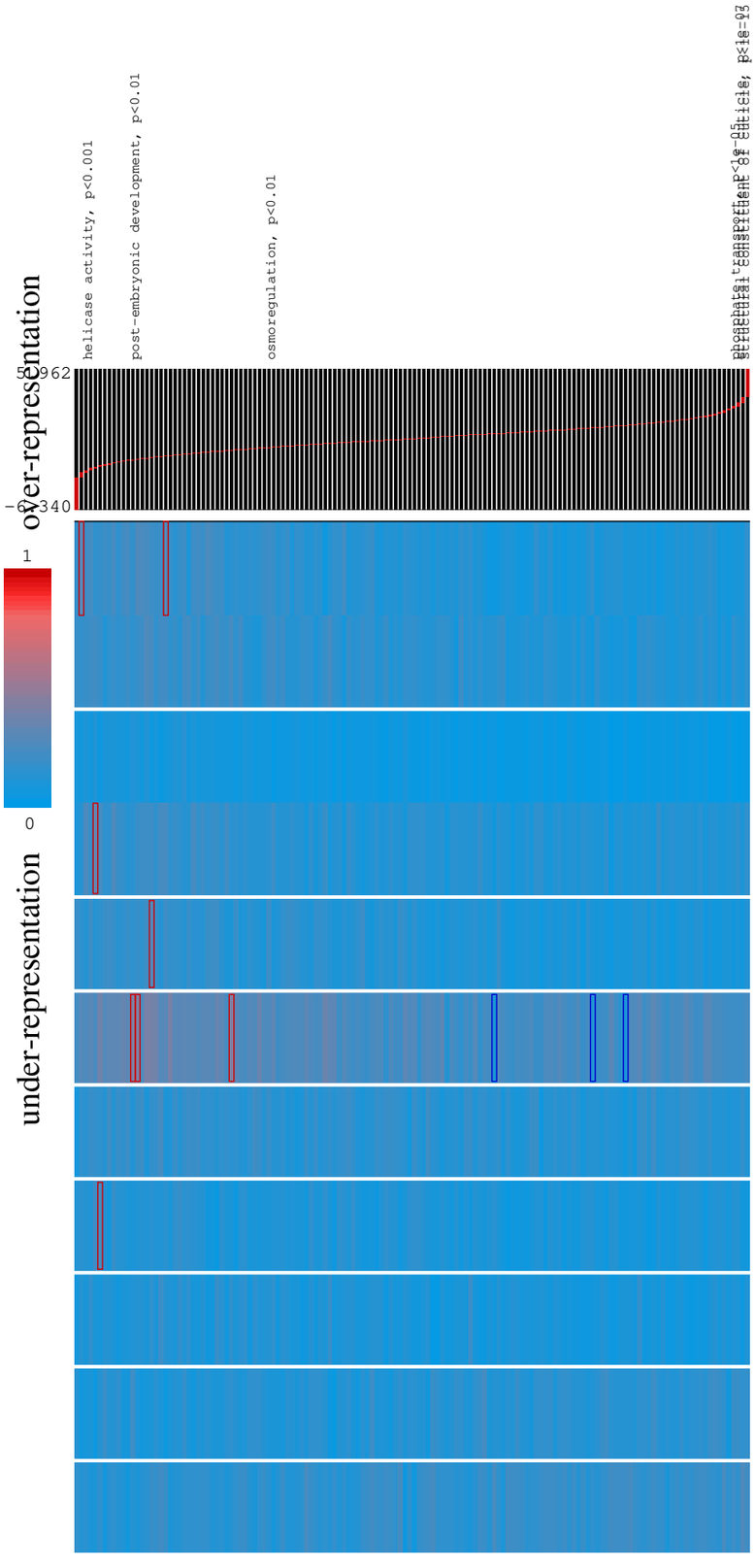

	optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
1		5′	0.024	19.2	10/10	–	–	1.00	AACGCGC	–
2		5′	0.018	12.8	10/10	–	–	0.97	TTCGCAA	–
3		5′	0.020	14.6	10/10	–	–	1.00	CGAGACC	–
4		5′	0.016	10.6	10/10	–	–	0.97	CGAAGAA	–
5		5′	0.018	13.0	10/10	–	–	1.00	AATCGAT	–
6		3′UTR	0.016	10.6	10/10	–	→	1.00	AUCUCUC	–
7		5′	0.014	7.8	9/10	–	–	0.39	AGCGTTC	–
8		5′	0.013	7.4	7/10	–	→	0.90	CACCGCG	–
9		5′	0.013	7.0	7/10	–	–	0.67	TCGTTCC	–
10		5′	0.013	6.9	8/10	–	–	0.99	CTTATCA	–
11		5′	0.013	6.6	7/10	–	–	0.72	CTATCAG	–