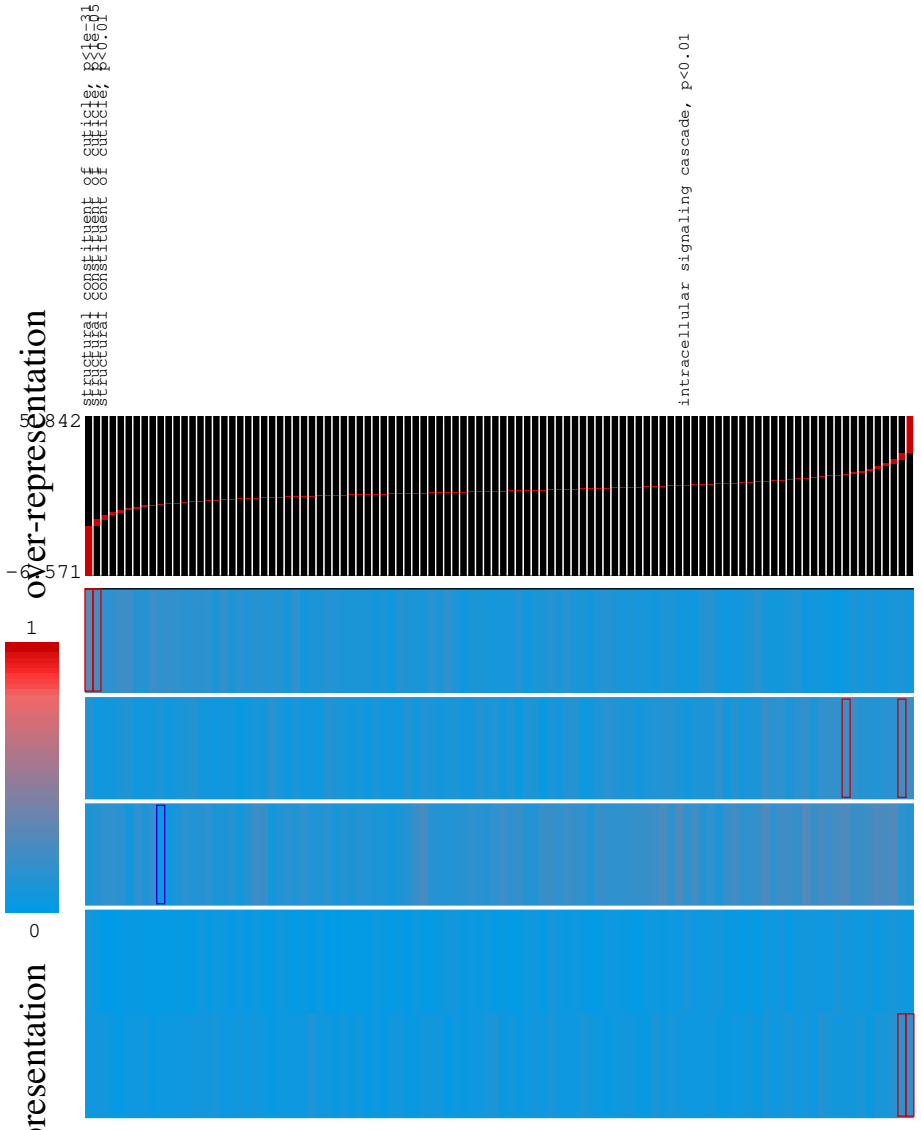

optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
	5′	0.021	14.2	10/10	Y	–	1.00	CTTATCA	–
	5′	0.018	10.2	10/10	–	–	1.00	ACGCGCG	–
	3′UTR	0.016	8.7	8/10	–	→	1.00	GAUCUCU	–
	5′	0.015	7.9	8/10	Y	←	0.99	CGAGACC	–
	5′	0.014	6.9	6/10	Y	–	0.98	TACCGTA	–