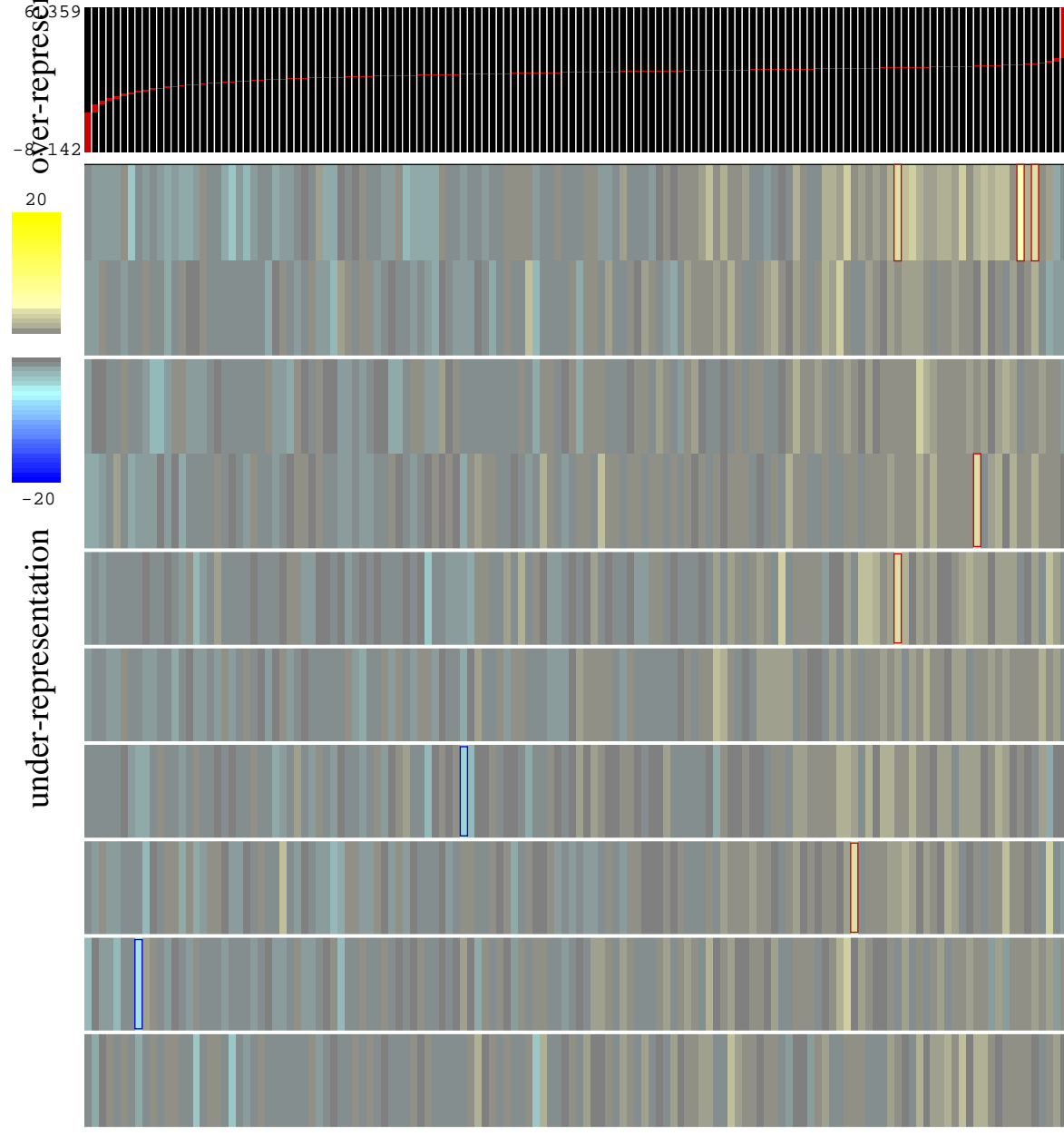


over-representation



under-representation



genitalia development, p<0.001

Optimized motif	location	MI (bits)	z-score	robustness	Position bias	orientation bias	conservation index	seed	motif name
	3' UTR	0.022	16.8	10/10	-	→	1.00	UUUCCCC	-
	5'	0.014	7.5	9/10	-	→	0.90	TCGTTGC	-
	5'	0.019	13.4	10/10	-	-	1.00	CGAGACC	-
	5'	0.015	9.5	9/10	-	-	1.00	CGCGCTC	-
	5'	0.015	8.9	8/10	-	→	0.98	AGTGCGC	-
	5'	0.015	8.7	8/10	-	-	1.00	ATCGATA	-
	5'	0.014	8.2	7/10	-	→	0.95	CCTCTCG	-
	3' UTR	0.014	7.6	7/10	-	→	0.69	AUUUUUC	-
	5'	0.013	6.8	7/10	-	→	0.98	CTCTCTC	-
	5'	0.013	6.6	7/10	-	-	0.98	CGCCGGC	-