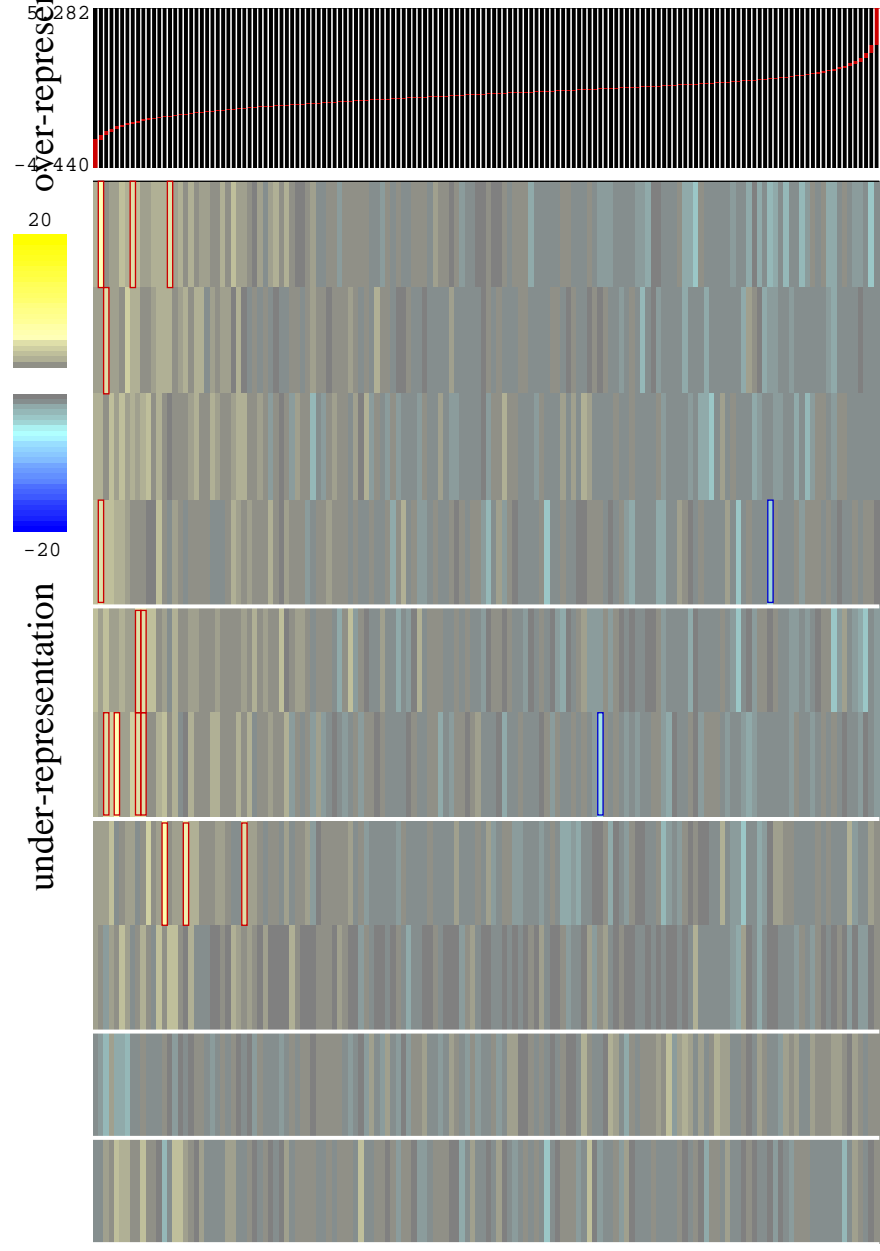


over-representation

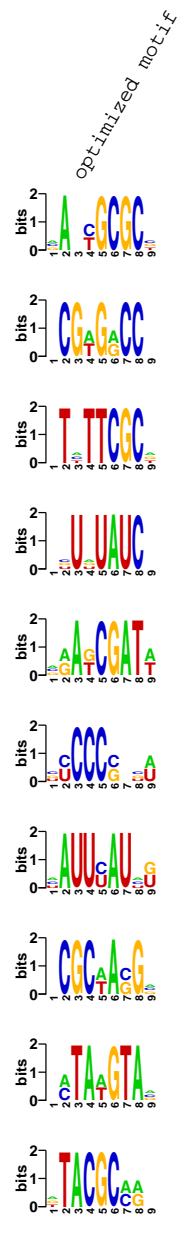


under-representation

-20



helicase activity, p<0.01



optimized motif	location	MI (bits)	z-score	robustness	Position bias	orientation bias	conservation index	seed	motif name
AGGCC	5'	0.022	17.9	10/10	Y	-	1.00	AACGCGC	-
CGGAC	5'	0.017	11.9	10/10	-	→	1.00	CGAGACC	-
TTTCGC	5'	0.016	10.9	10/10	-	→	0.94	TTTCGC	-
UUUAUC	3'UTR	0.014	7.8	9/10	-	→	0.97	UUUAUC	-
AATCGAT	5'	0.019	14.2	10/10	-	-	1.00	AATCGAT	-
UCCCGUU	3'UTR	0.017	11.3	10/10	Y	→	1.00	UCCCGUU	-
AUUUAUU	3'UTR	0.015	9.3	9/10	-	→	0.99	AUUUAUU	-
CGCAACG	5'	0.014	7.3	6/10	-	-	0.94	CGCAACG	-
ATATGTA	5'	0.014	8.1	9/10	-	-	0.43	ATATGTA	-
TACGCAA	5'	0.013	6.4	6/10	-	-	0.99	TACGCAA	-