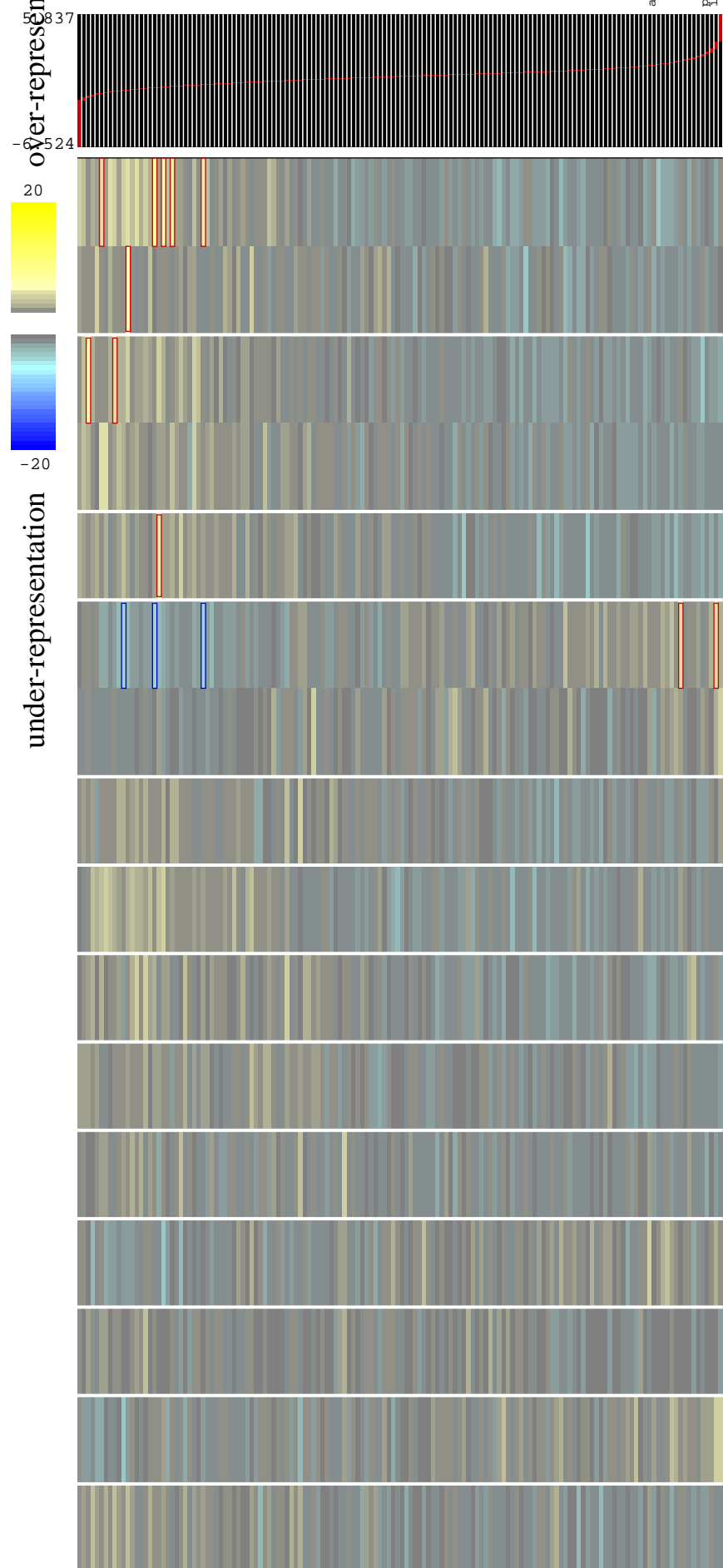


over-representation

under-representation



alpha-type channel activity, p<0.01

phosphate transport, p<0.01  
inorganic anion transport, p<1e-05

bits	optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
0 1 2		3' UTR	0.023	19.1	10/10	-	→	1.00	UUUUUU	-
0 1 2		5'	0.018	12.5	10/10	-	-	1.00	UUUUUU	-
0 1 2		5'	0.022	17.7	10/10	-	-	1.00	UUUUUU	-
0 1 2		5'	0.020	15.3	10/10	-	-	1.00	UUUUUU	-
0 1 2		5'	0.020	15.1	10/10	-	-	1.00	UUUUUU	-
0 1 2		3' UTR	0.017	11.8	10/10	-	→	0.99	UUUUUU	-
0 1 2		5'	0.013	6.2	6/10	-	-	0.90	UUUUUU	-
0 1 2		5'	0.016	10.6	9/10	-	←	0.99	UUUUUU	-
0 1 2		3' UTR	0.016	10.7	10/10	-	→	0.99	UUUUUU	-
0 1 2		5'	0.016	10.5	9/10	-	-	0.83	UUUUUU	-
0 1 2		5'	0.014	8.0	9/10	-	-	0.90	UUUUUU	-
0 1 2		5'	0.014	7.5	8/10	-	←	0.86	UUUUUU	-
0 1 2		3' UTR	0.014	7.9	10/10	-	→	0.99	UUUUUU	-
0 1 2		5'	0.013	6.3	6/10	-	-	0.33	UUUUUU	-
0 1 2		5'	0.013	7.0	8/10	-	→	0.96	UUUUUU	-
0 1 2		5'	0.012	6.0	6/10	-	→	0.91	UUUUUU	-