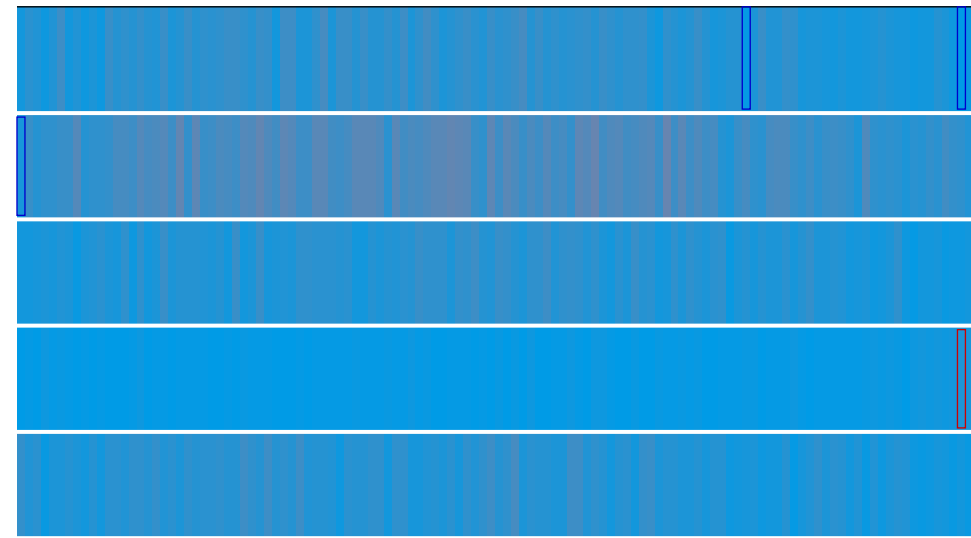
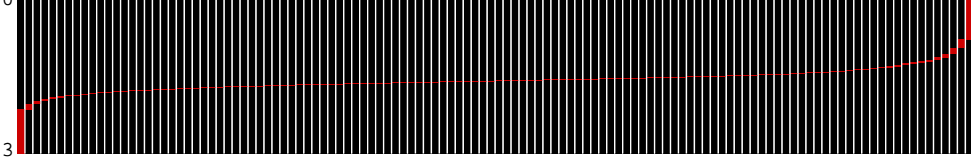


over-representation

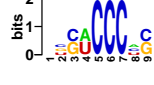
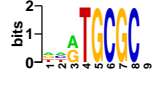
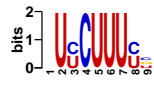
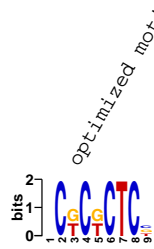
under-representation



phosphate transport, $p < 1e-10$
 phosphate transport, $p < 0.01$
 inorganic anion transport, $p < 0.01$



G-protein coupled receptor activity, $p < 0.01$
 G-protein coupled receptor activity, $p < 0.001$
 phosphate metabolism, $p < 0.001$



optimized motif	location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
5'-CCGCTC-3'	5'	0.017	10.3	10/10	-	→	0.99	CTCTCTC	-
3'-UUCUUU-5'	3'UTR	0.017	10.1	9/10	-	→	0.99	UUCUUUU	-
5'-AGTGGC-3'	5'	0.015	8.7	10/10	Y	→	1.00	AGTGGGC	-
5'-CGTGAAC-3'	5'	0.015	7.1	9/10	Y	→	0.82	CGTGAAC	-
3'-UCUCCCC-5'	3'UTR	0.015	8.3	9/10	-	→	0.99	UCUCCCC	-