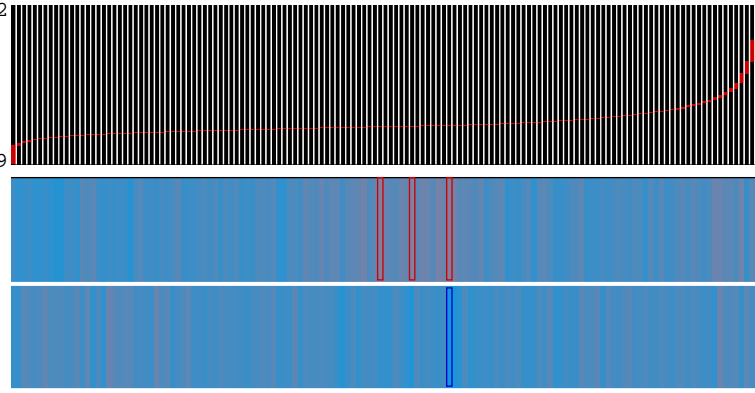


over-representation

1

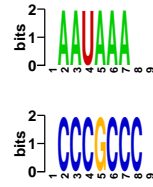
0



nucleolus, $p < 0.01$

one-carbon compound metabolism, $p < 0.01$

cellular homeostasis, $p < 1e-05$
cellular homeostasis, $p < 0.01$
cellular homeostasis, $p < 0.01$
cellular homeostasis, $p < 0.01$
cellular homeostasis, $p < 0.01$



5'

0.014

7.6

9/10

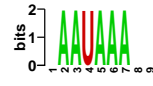
-

←

1.00

CCGCCC

Sp1



3' UTR

0.017

11.4

10/10

-

→

1.00

AAUAAAG

-

Optimized motif

location

MI (bits)

z-score

robustness

position bias

orientation bias

conservation index

seed

motif name