

over-representation

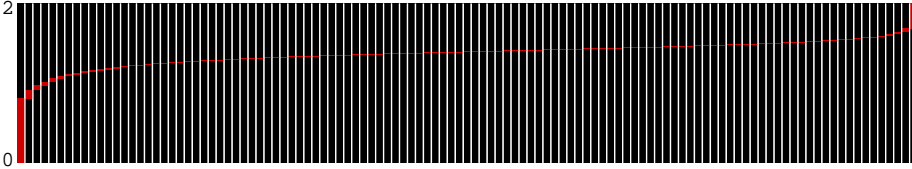
-1.1

20

-20

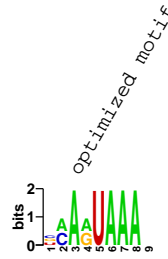
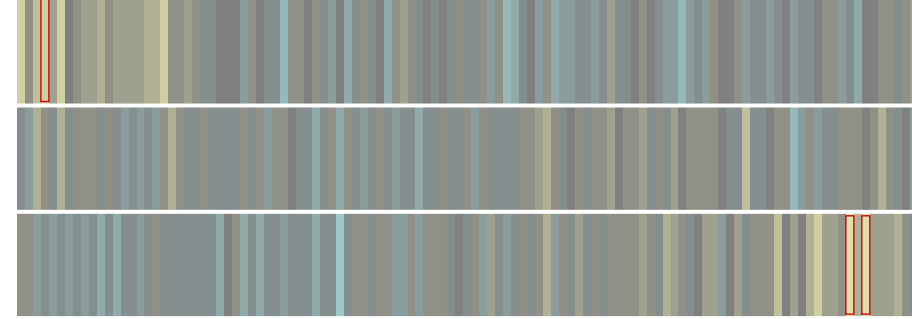
ion

structural molecule activity, $p < 8.01 \times 10^{-6}$
structural molecule activity, $p < 8.01 \times 10^{-6}$



biosynthesis, $p < 0.01$
ribosome, $p < 0.01$

transferase activity, transferring hexosyl groups,



3' UTR

0.016

8.8

7/10

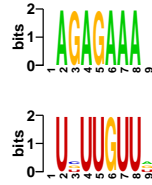
Y

→

1.00

AAAUAAA

-



5'

0.014

7.4

7/10

-

←

0.83

AGAGAAA

-



3' UTR

0.014

7.2

8/10

-

→

1.00

UUUUGUU

-

Optimized motif

location

MI (bits)

z-score

robustness

position bias

orientation bias

conservation index

seed

motif name