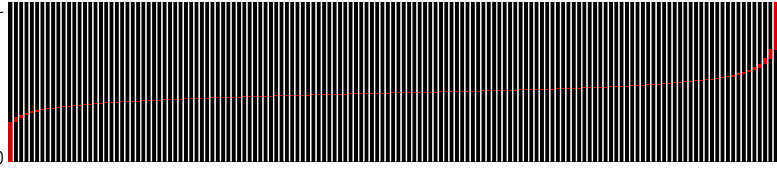
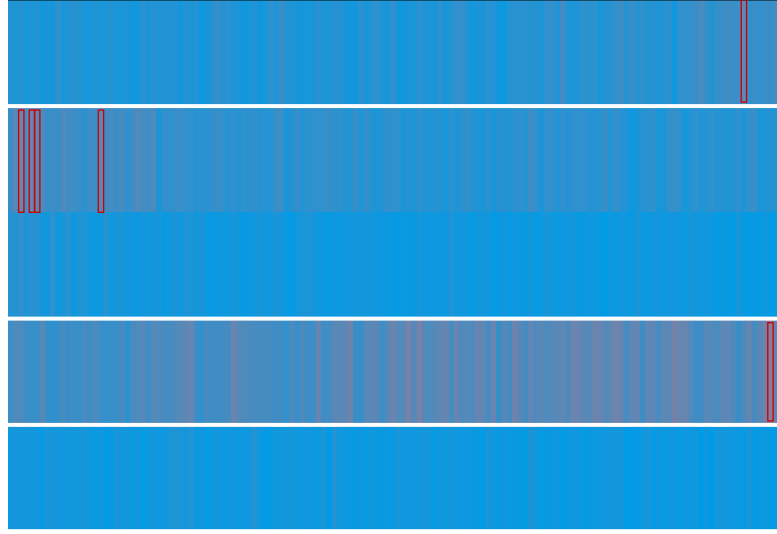


under-representation

1

over-representation

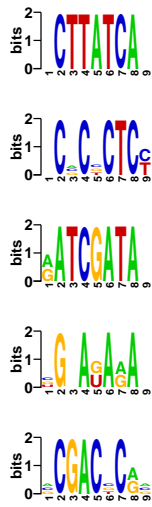
0



cell organization and biogenesis, p<0.01

electron transport, p<0.001

structural molecule activity, p<0.01  
 structural constituent of ribosome, p<1e-09  
 structural molecule activity, p<1e-10



Optimized motif

5'

location

0.019

MI (bits)

14.0

z-score

10/10

robustness

Y

position bias

-

orientation bias

1.00

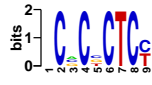
conservation index

CTTATCA

seed

-

motif name



5'

0.016

MI (bits)

10.0

z-score

8/10

robustness

-

position bias

→

orientation bias

0.99

conservation index

CCCTCTC

seed

-

motif name



5'

0.015

MI (bits)

9.4

z-score

9/10

robustness

-

position bias

←

orientation bias

1.00

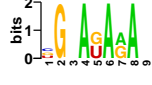
conservation index

ATCGATA

seed

-

motif name



3'UTR

0.015

MI (bits)

8.6

z-score

7/10

robustness

-

position bias

→

orientation bias

0.99

conservation index

GAAUAAA

seed

-

motif name



5'

0.013

MI (bits)

6.6

z-score

6/10

robustness

-

position bias

-

orientation bias

0.95

conservation index

CGACGCA

seed

-

motif name