



# Signature B

C>A

C>G

C>T

T>A

T>C

T>G

Mutation probability

0.05

0.00

ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GTT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GTT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GTT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT

## Signature C

$C > A$

C > G

C>T

**T > A**

$T > C$

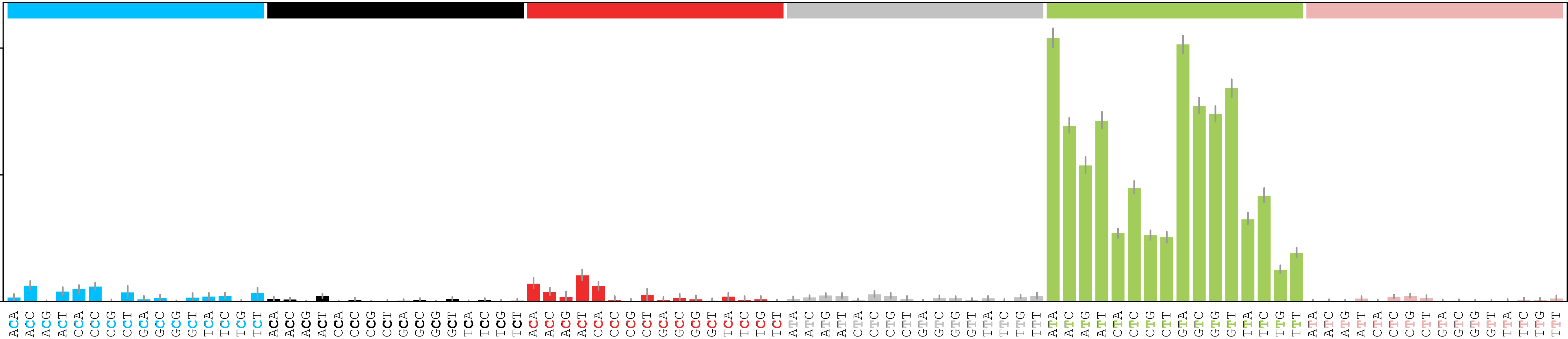
T > G

# Mutation probability

10

50.

00















# Signature I

C>A

C>G

C>T

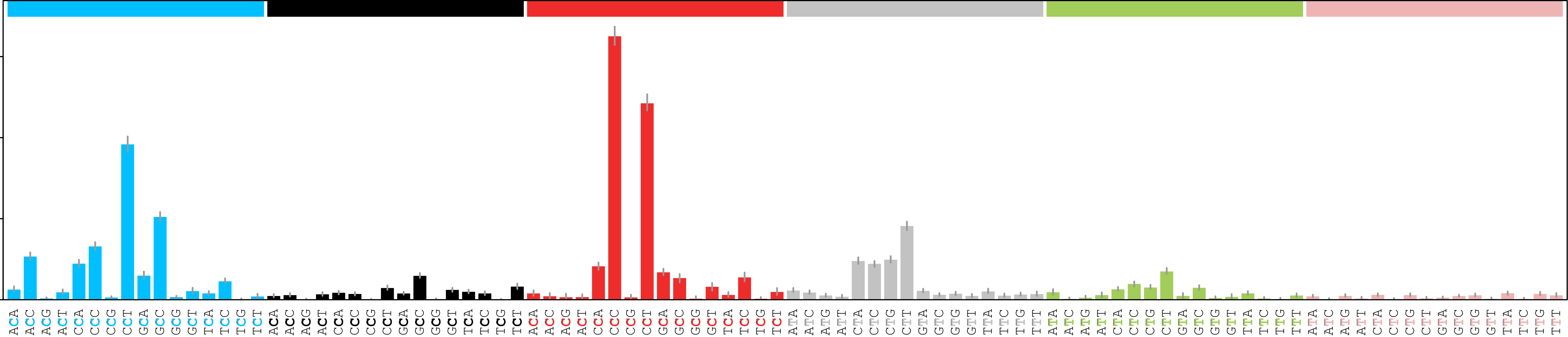
T>A

T>C

T>G

Mutation probability

0.15  
0.10  
0.05  
0.00



# Signature J

C>A

C>G

C>T

T>A

T>C

T>G

Mutation probability

0.10  
0.05  
0.00

