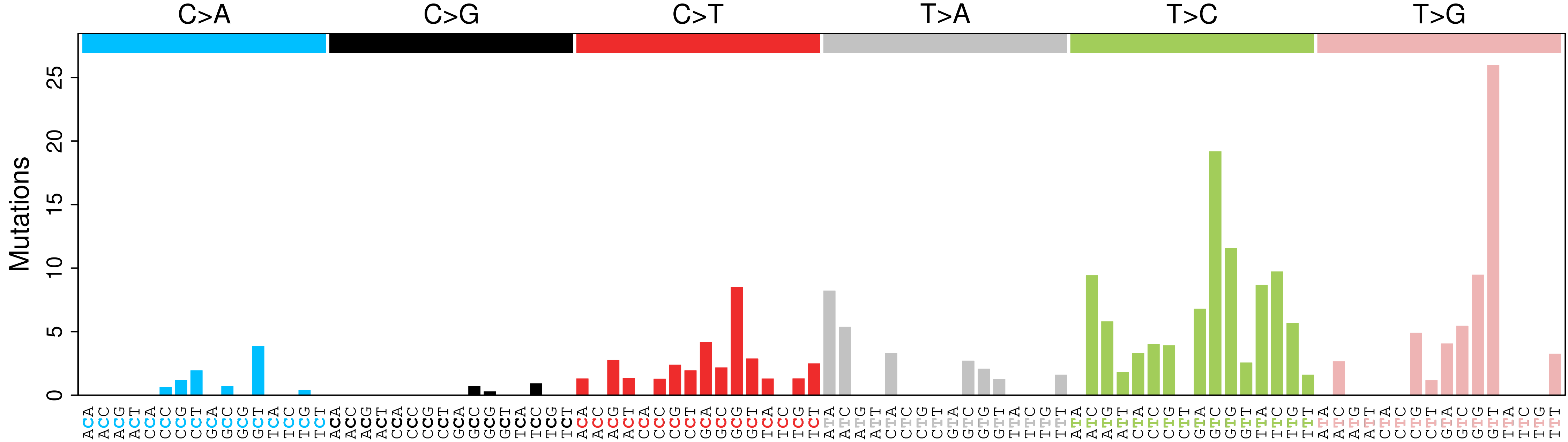
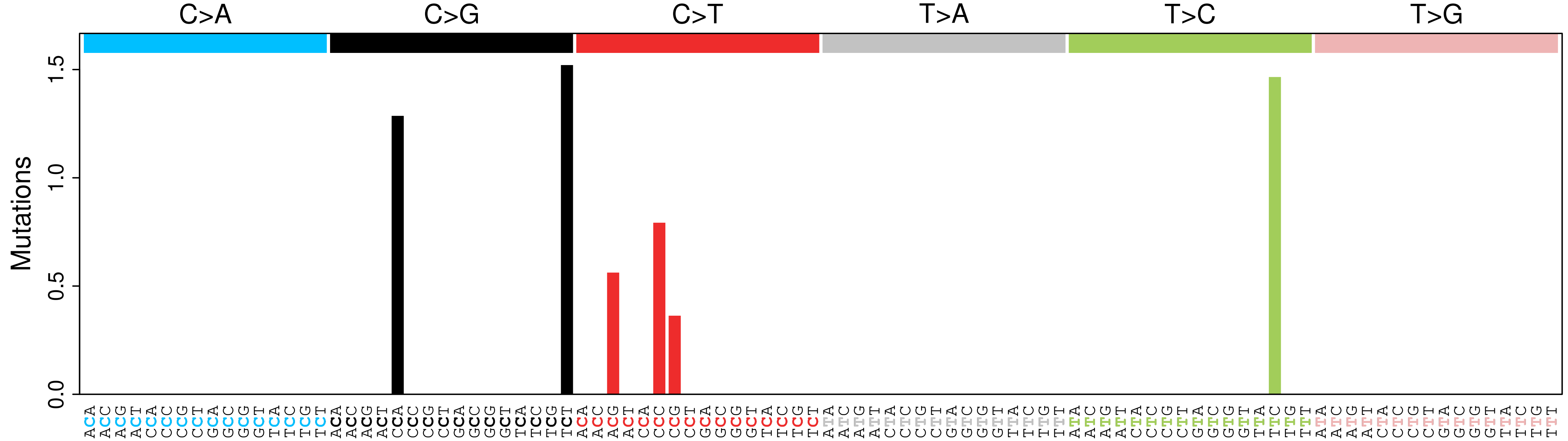


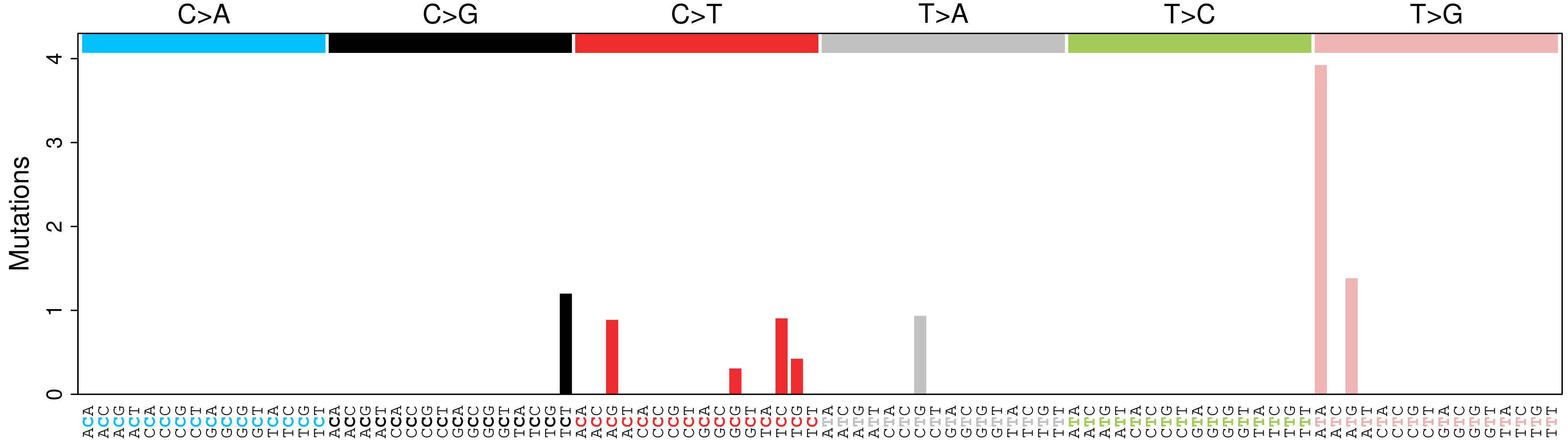
CATD0735a (222 mutations)



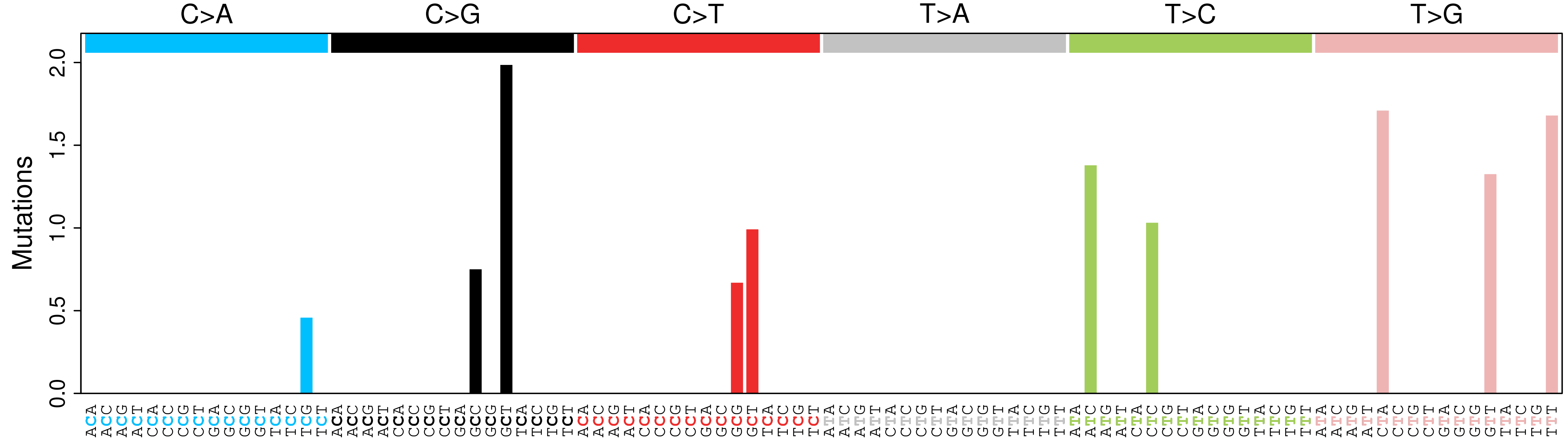
CATD0575a (6 mutations)



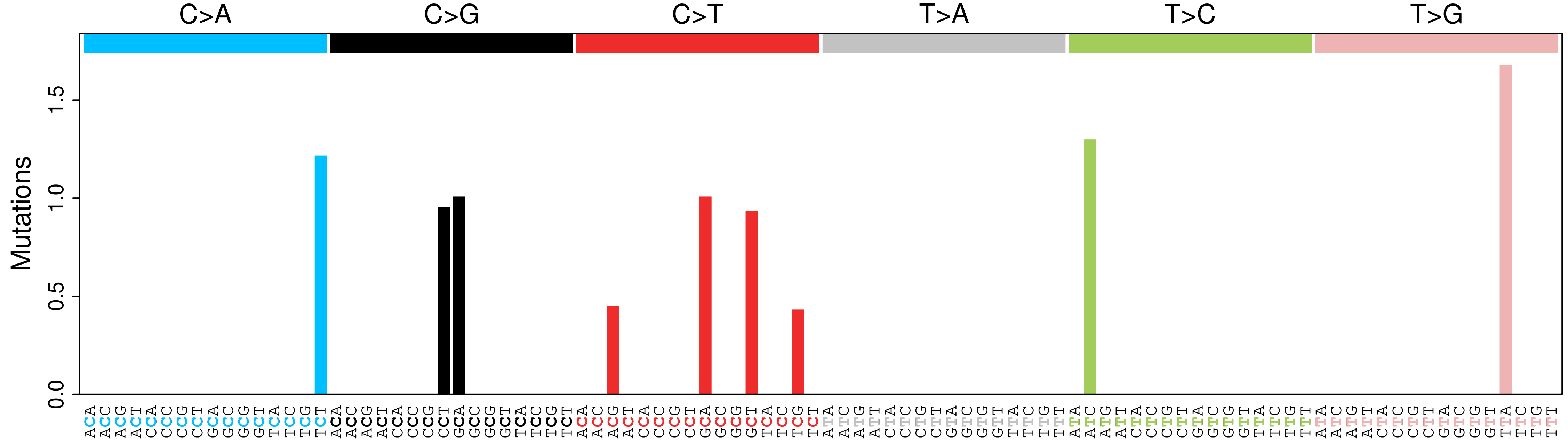
CATD0584a (10 mutations)



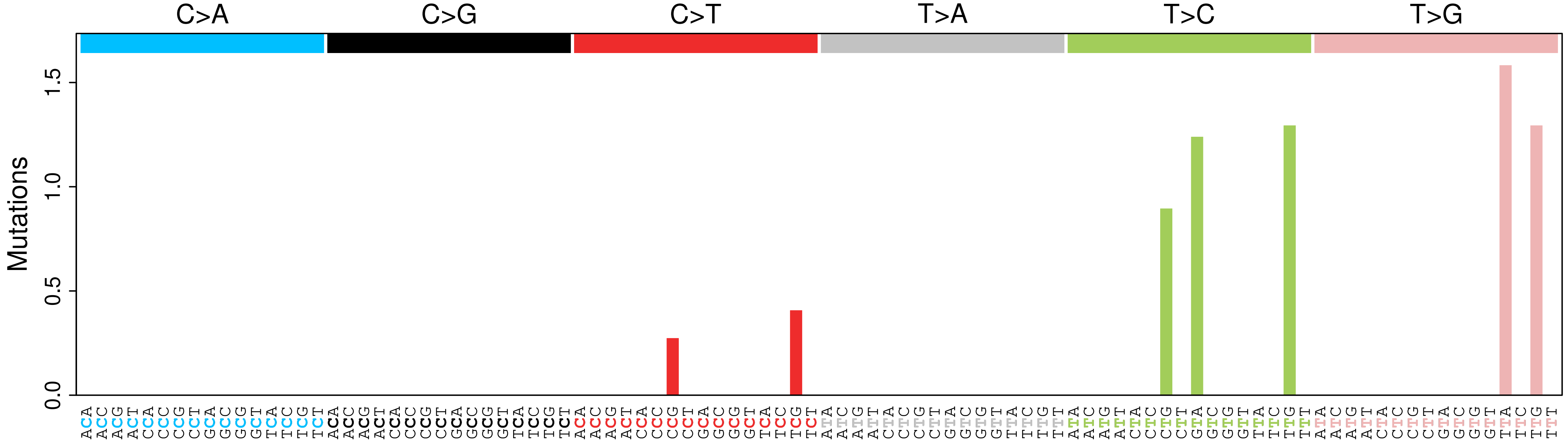
CATD0600a (12 mutations)



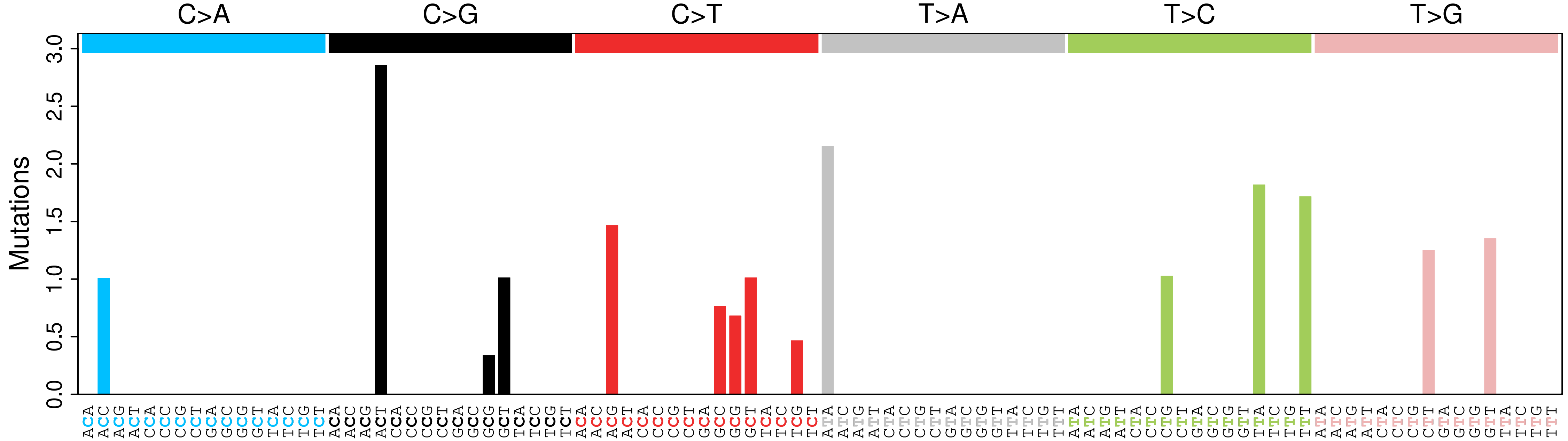
CATD0576a (9 mutations)



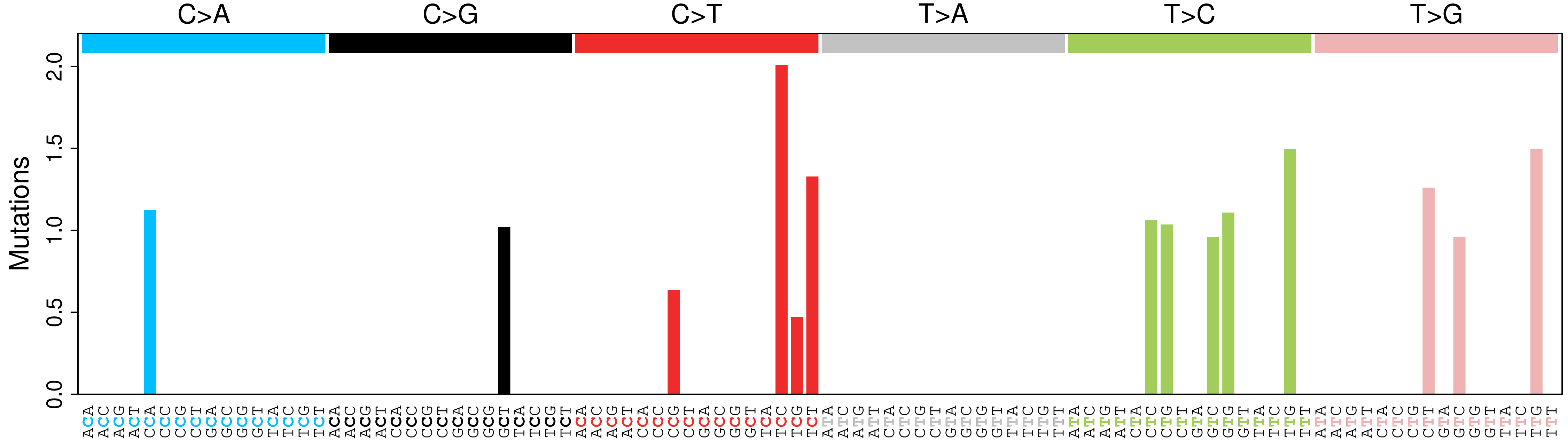
CATD0679a (7 mutations)



CATD0591a (19 mutations)



CATD0686a (16 mutations)



CATD0734a (25 mutations)

C>A

C>G

C>T

T>A

T>C

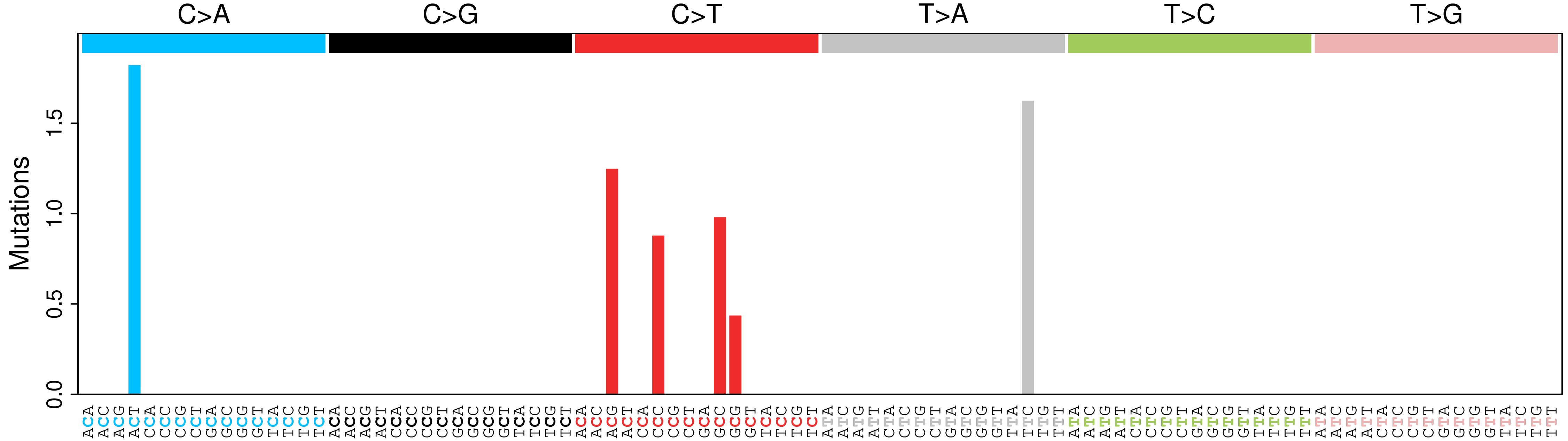
T>G

Mutations

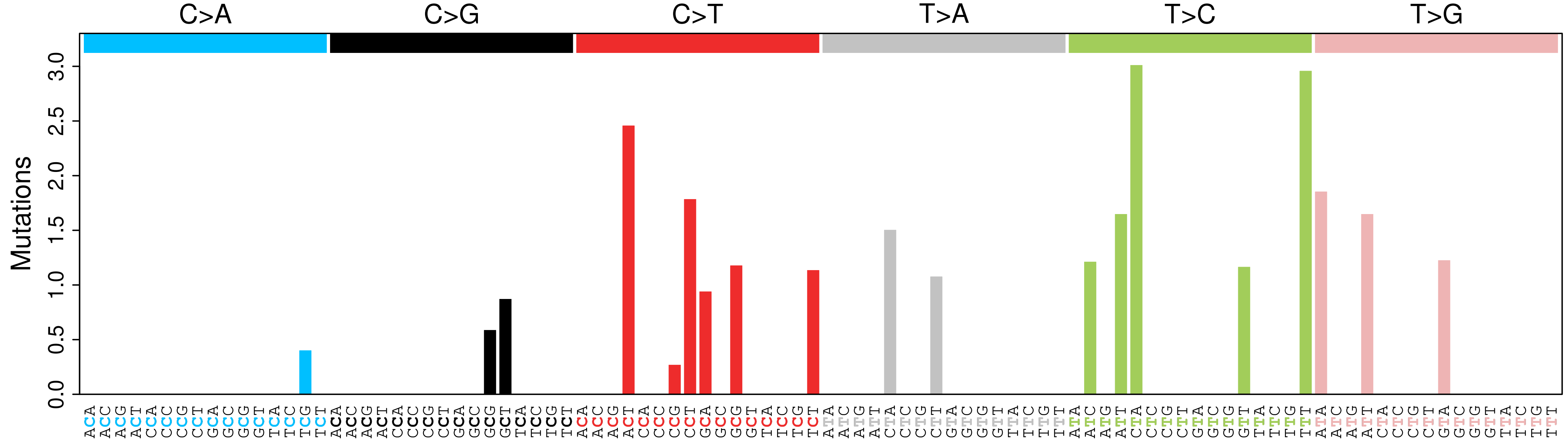
1.5
1.0
0.5
0.0

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

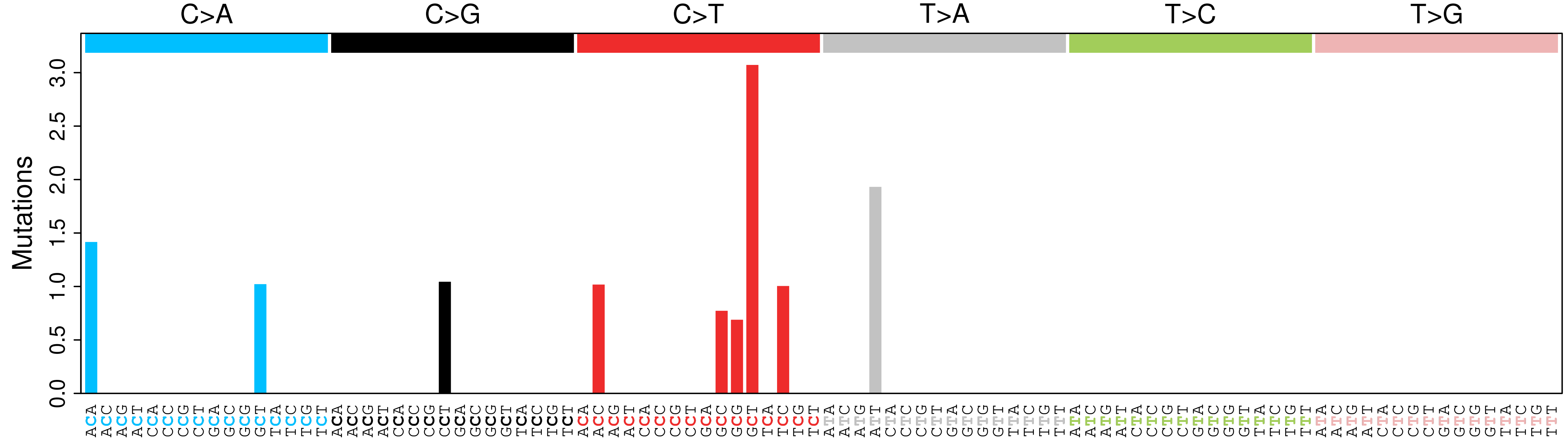
CATD0678a (7 mutations)



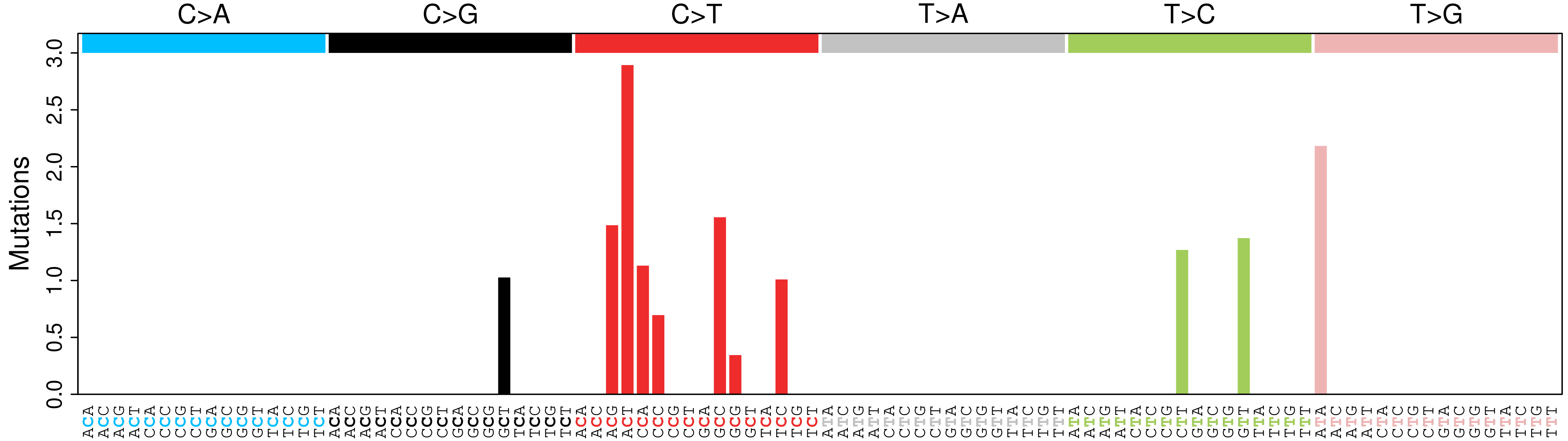
CATD0729a (27 mutations)



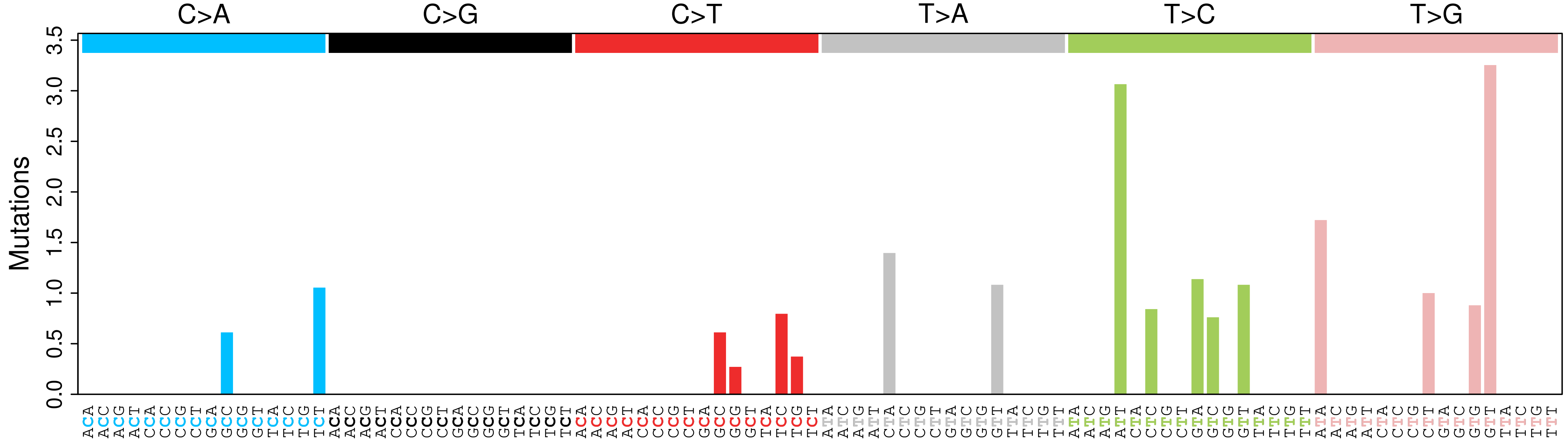
CATD0601a (12 mutations)



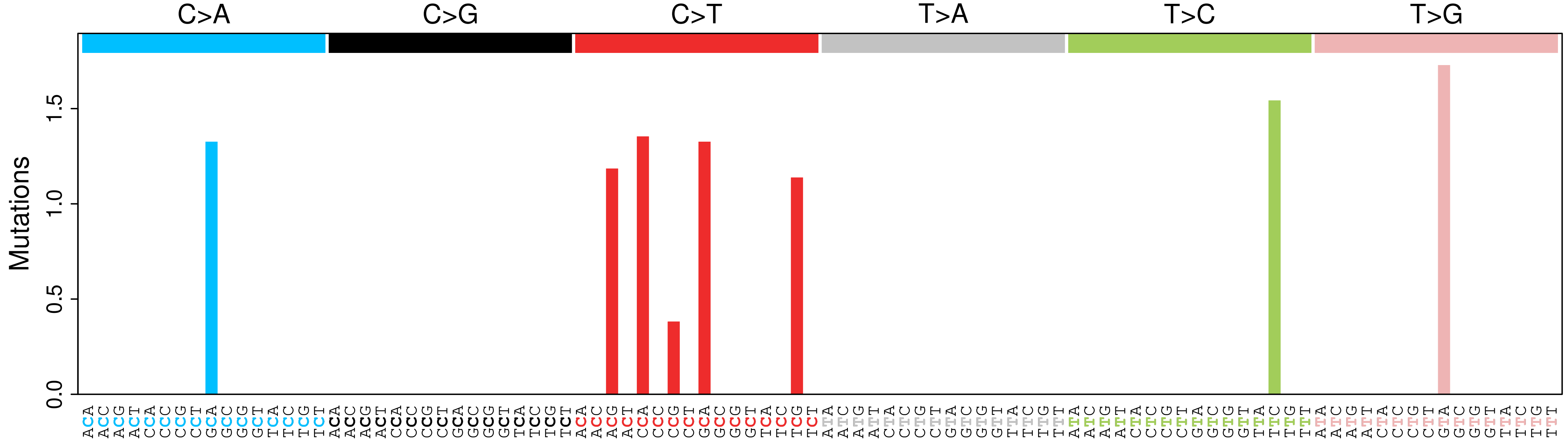
CATD0731a (15 mutations)



CATD0723a (20 mutations)



CATD0730a (10 mutations)



CATD0586a (18 mutations)

C>A

C>G

C>T

T>A

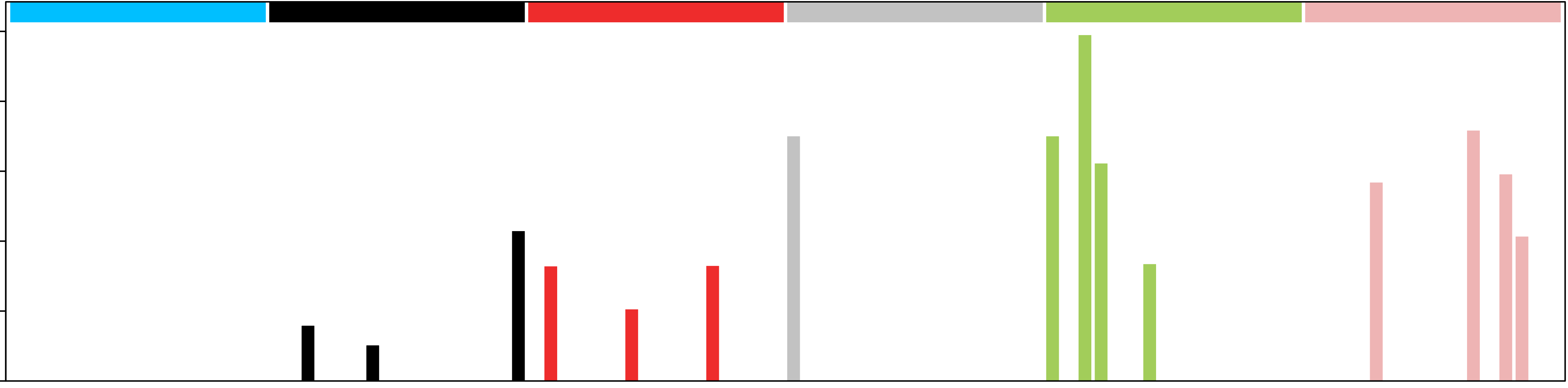
T>C

T>G

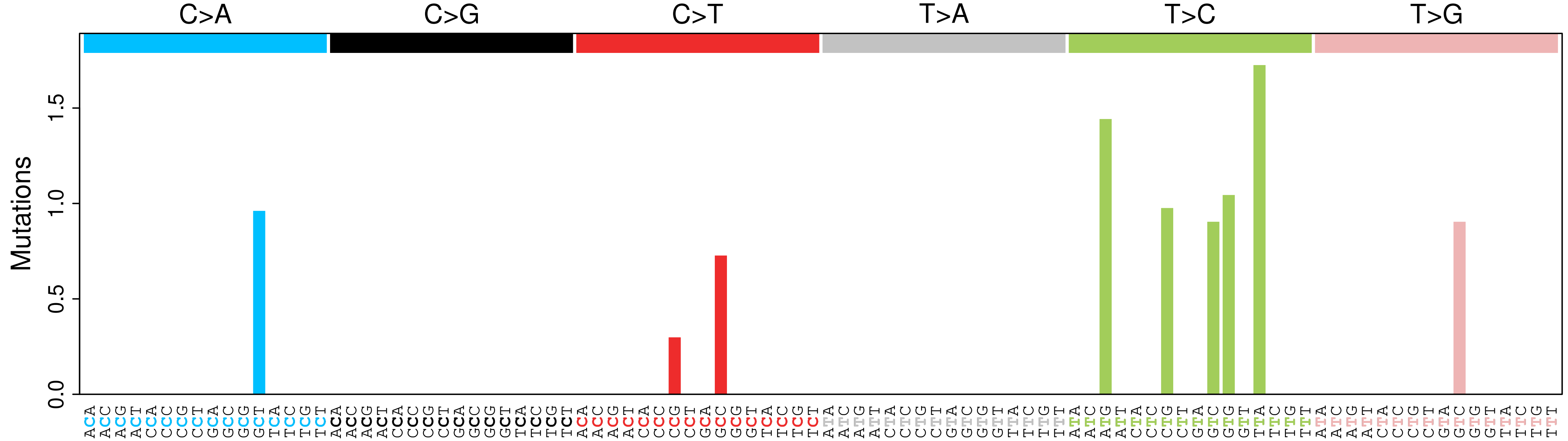
Mutations

2.5
2.0
1.5
1.0
0.5
0.0

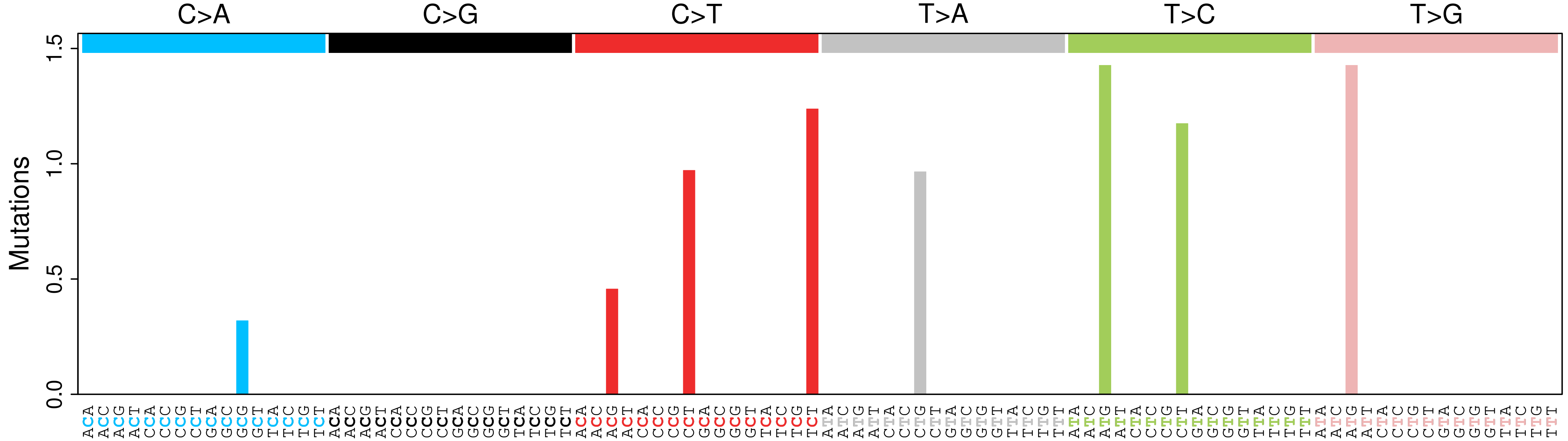
ACA ACC ACG ACT CCA CCC CCT CCA GCG GCG GCG TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCG GCA GCC GCG GCG TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA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



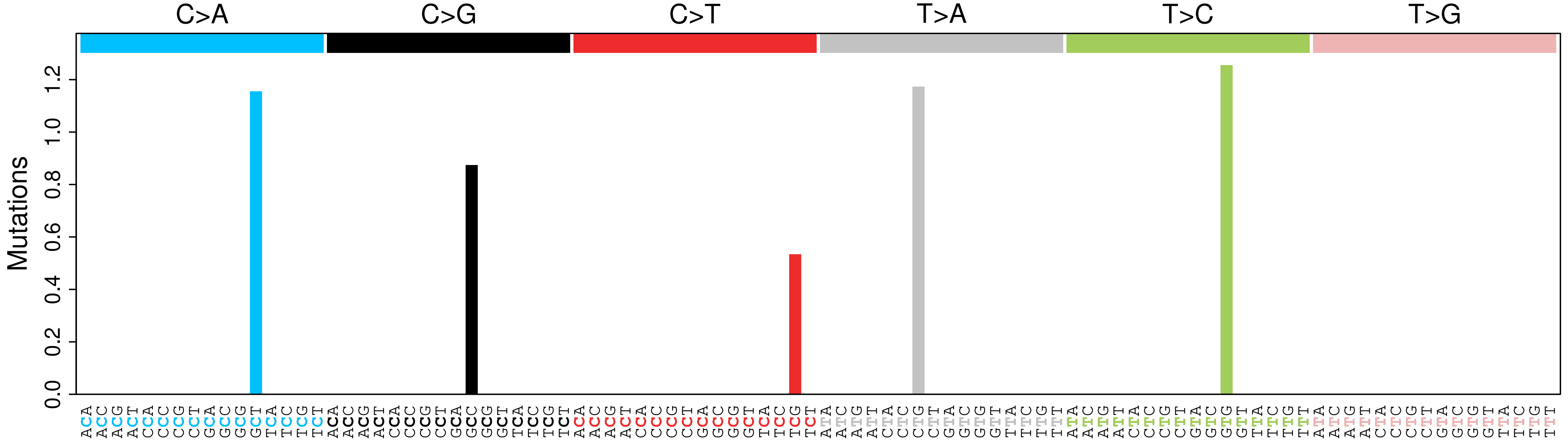
CATD0733a (9 mutations)



CATD0687a (8 mutations)



CATD0578a (5 mutations)



CATD0587a (4 mutations)

$C > A$

$C > G$

$C > T$

T > A

$T > C$

T > G

Mutations

2.0

1

0.0.

[illegible]

CATD0589a (10 mutations)

C>A

C>G

C>T

T>A

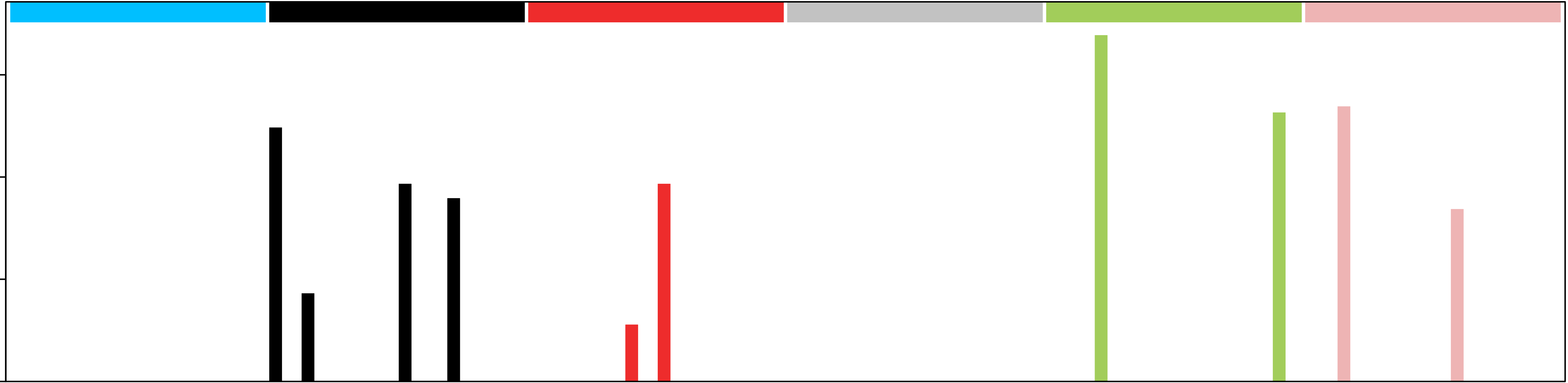
T>C

T>G

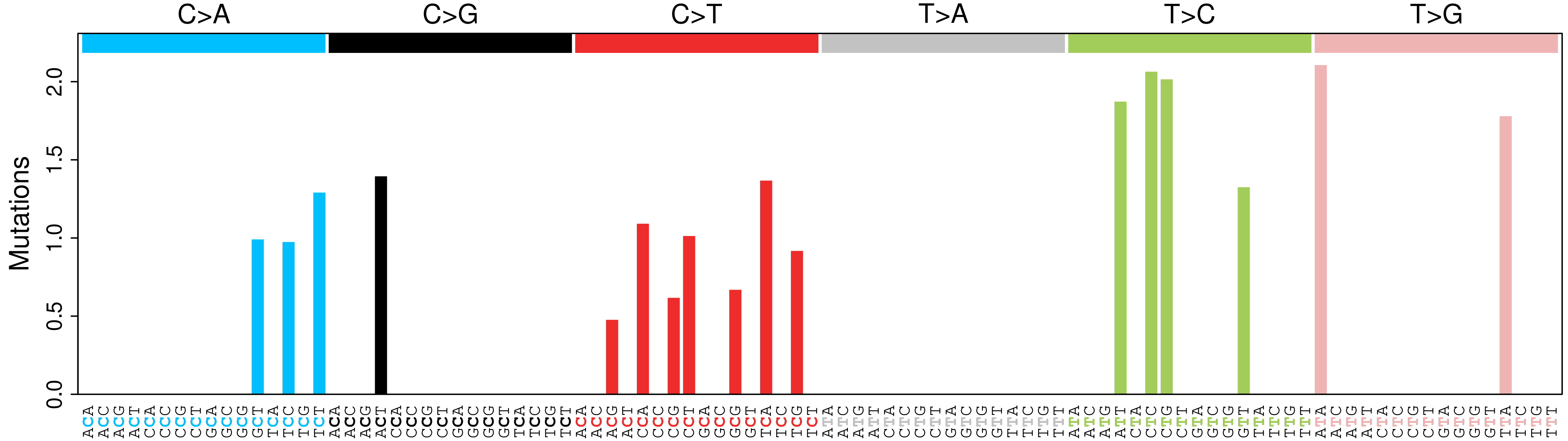
Mutations

1.5
1.0
0.5
0.0

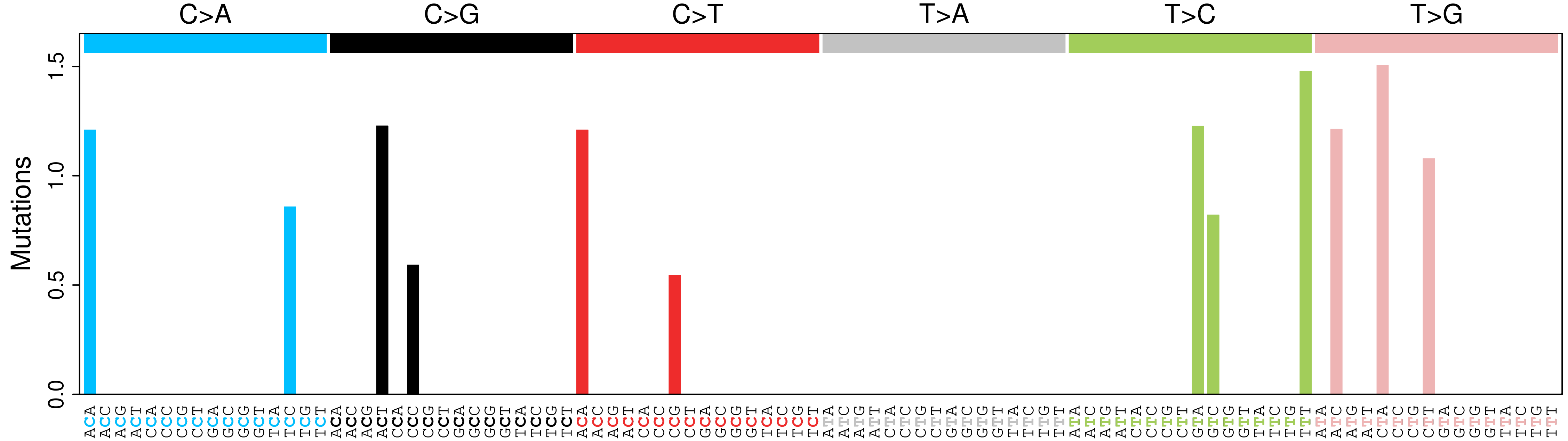
ACA ACC AGT ACT CCA CCC CCT GCA GCC GCG GCT TCA TCC TCG TCT ACA ACC ACG ACT CCA CCC CCG CCT GCA GCC GCG GCT TCA TCC TCG TCT ATA ATC ATG ATT CTA CTC CTG CTT GTA GTC GTG GTT TTA TTC TTG TTT ATA ATG ATT CTA CTC CTT CTA GTC GTG GTT TTA TTC TTG TTT ATA ATG ATT CTA CTC CTT CTA GTC GTG GTT TTA TTC TTG TTT



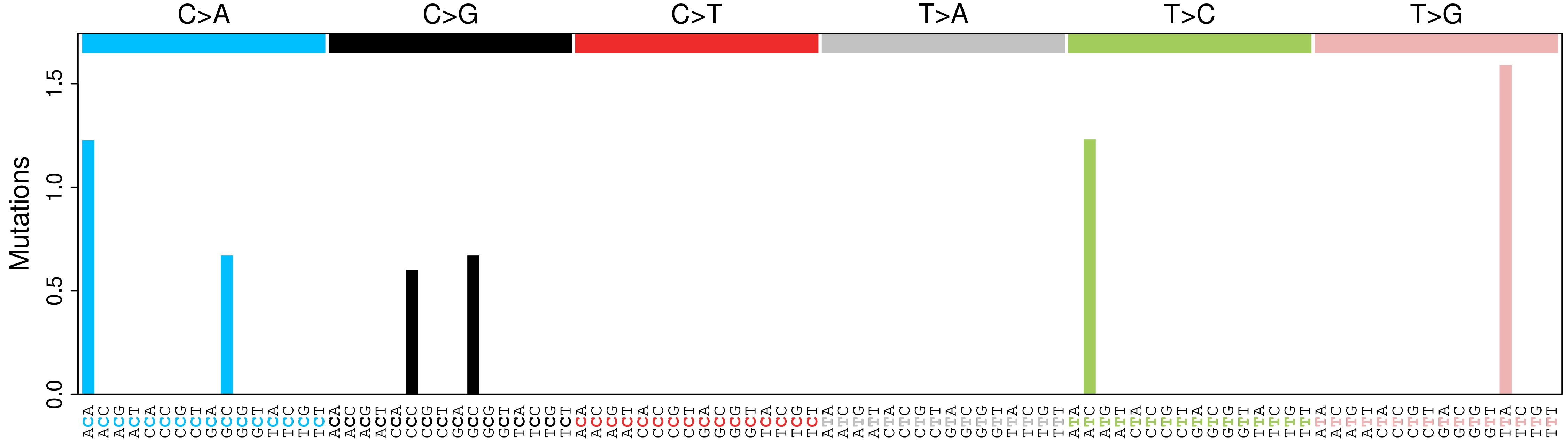
CATD0590a (22 mutations)



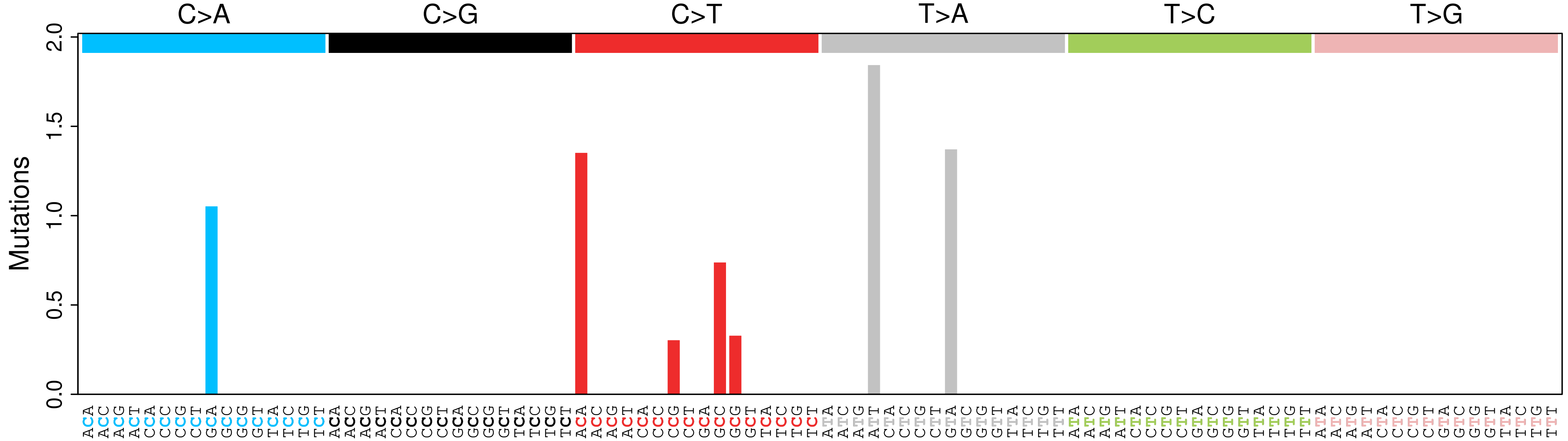
CATD0727a (13 mutations)



CATD0583a (6 mutations)



CATD0732a (7 mutations)



CATD0725a (12 mutations)

C>A

C>G

C>T

T>A

T>C

T>G

Mutations

2.5
2.0
1.5
1.0
0.5
0.0

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



1

1

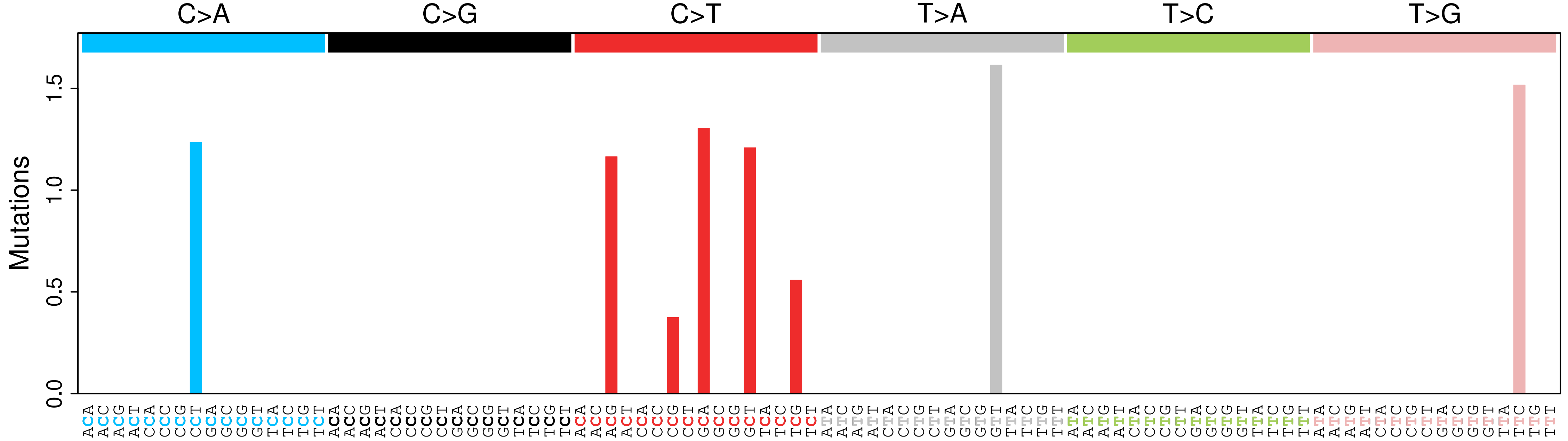
1

1

1

1

CATD0606a (9 mutations)



CATD0588a (9 mutations)

C>A

C>G

C>T

T>A

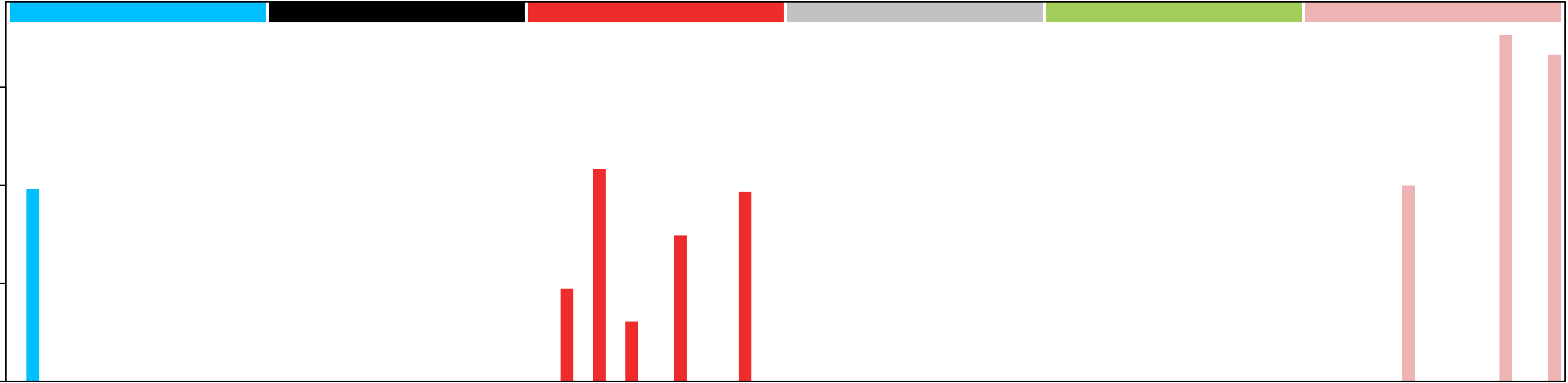
T>C

T>G

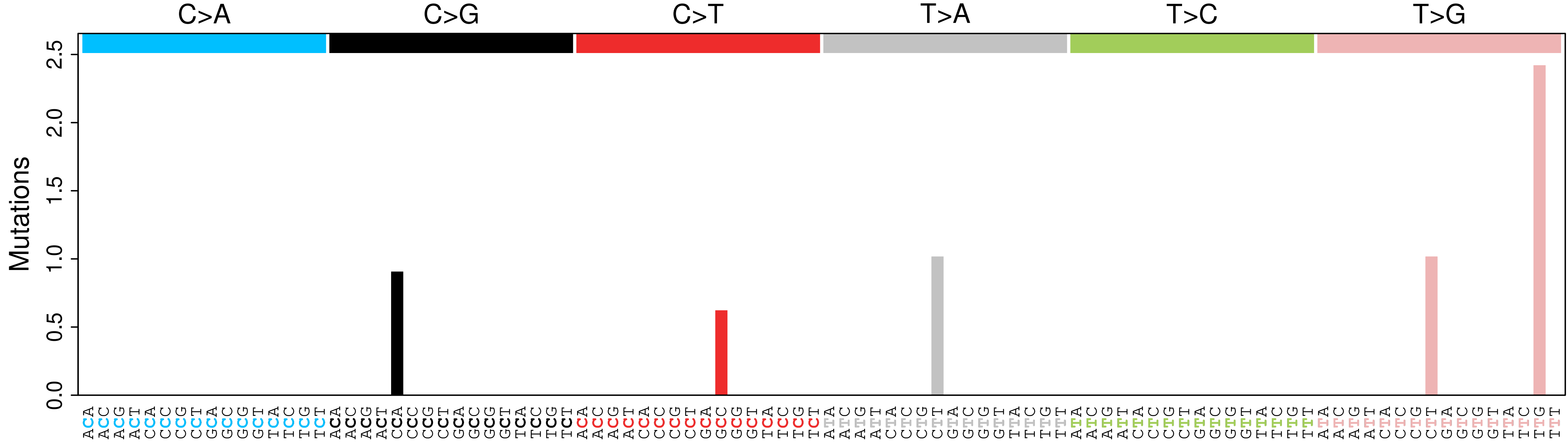
Mutations

1.5
1.0
0.5
0.0

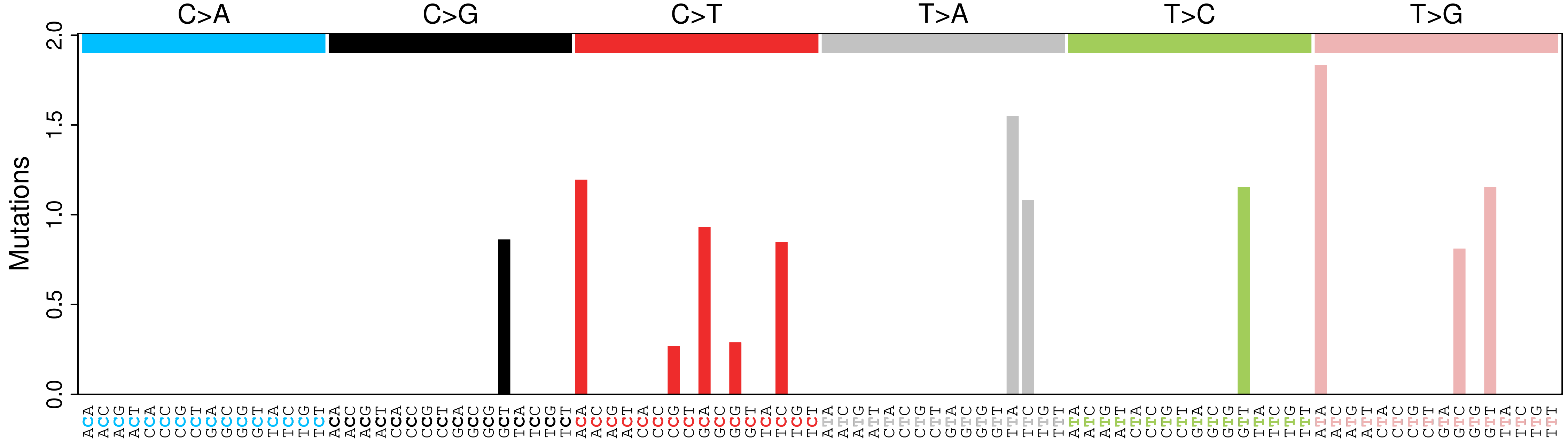
ACA
ACC
ACG
ACT
CCA
CCC
CCG
CCT
GCA
GCC
GGG
GCT
TCA
TCC
TCG
TCT
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TTT



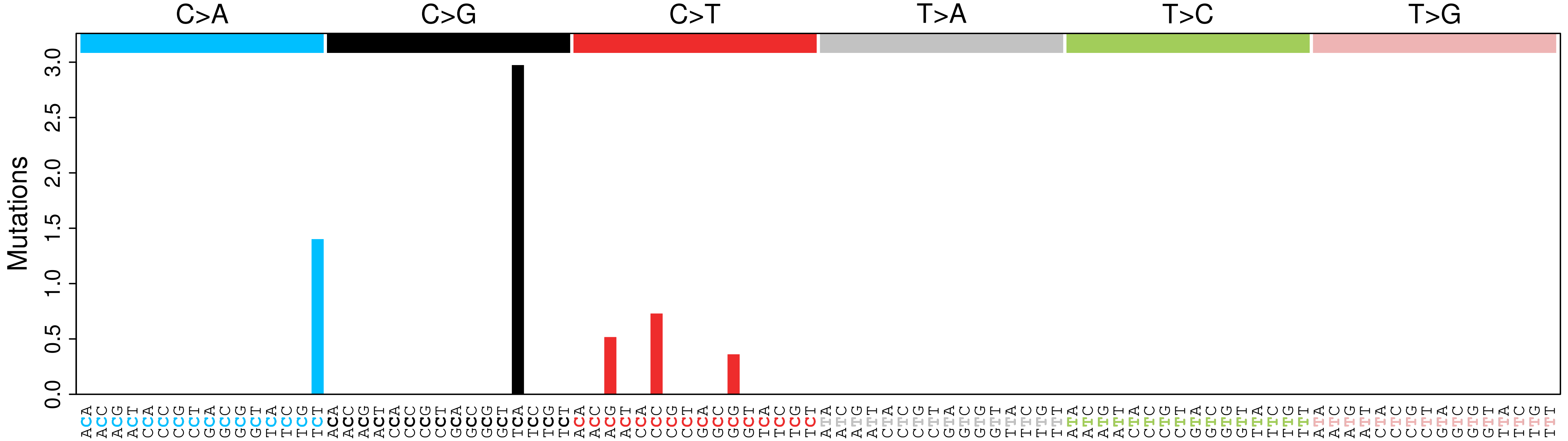
CATD0572a (6 mutations)



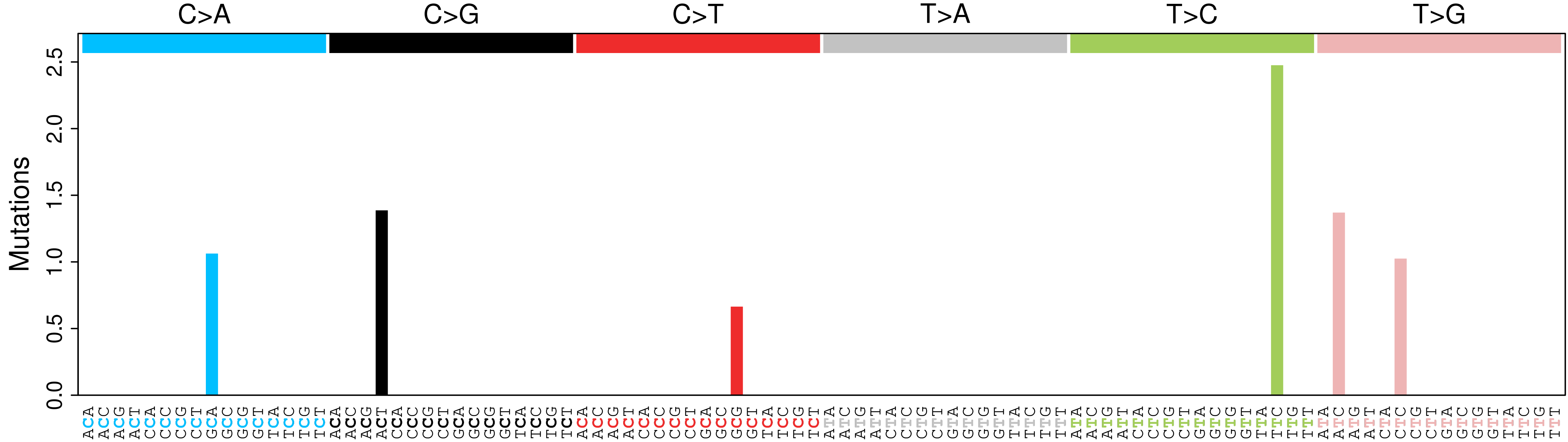
CATD0573a (12 mutations)



CATD0592a (6 mutations)



CATD0603a (8 mutations)



CATD0722a (1 mutations)

C > A

C > G

$$C > T$$

T > A

$$T > C$$

$T > G$

Mutations

1.0

3.0

0

U

[illegible]

CATD0582a (1 mutations)

C > A

C > G

$$C > T$$

T > A

$$T > C$$

$T > G$

Mutations

1.0

 \dot{O}

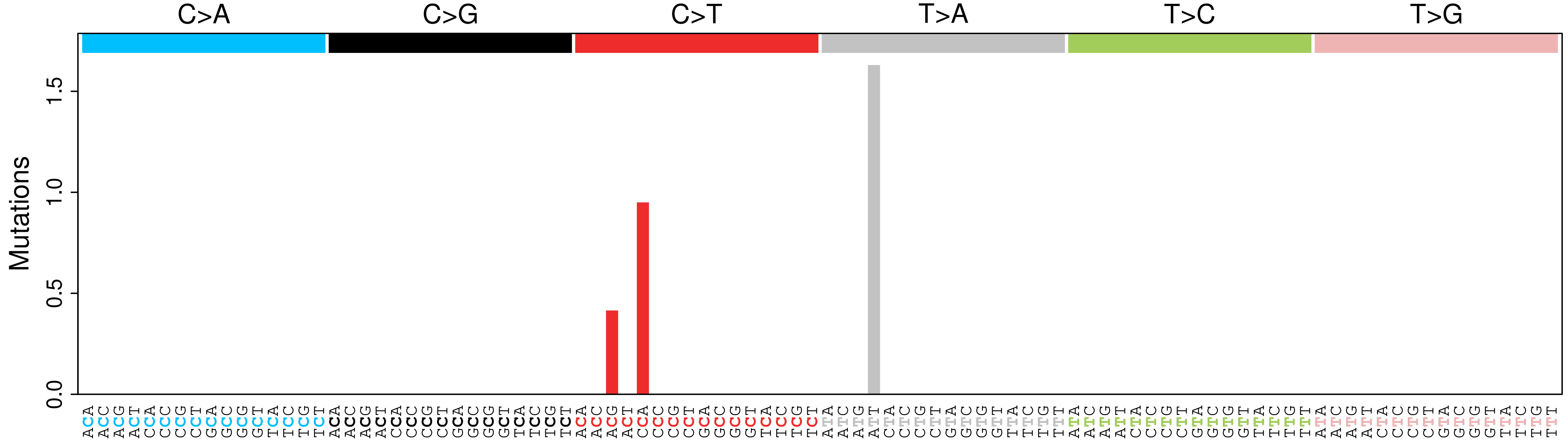
1

2

0.

[illegible]

CATD0585a (3 mutations)



CATD0593a (1 mutations)

$C > A$

C > G

$C > T$

T>A

$T > C$

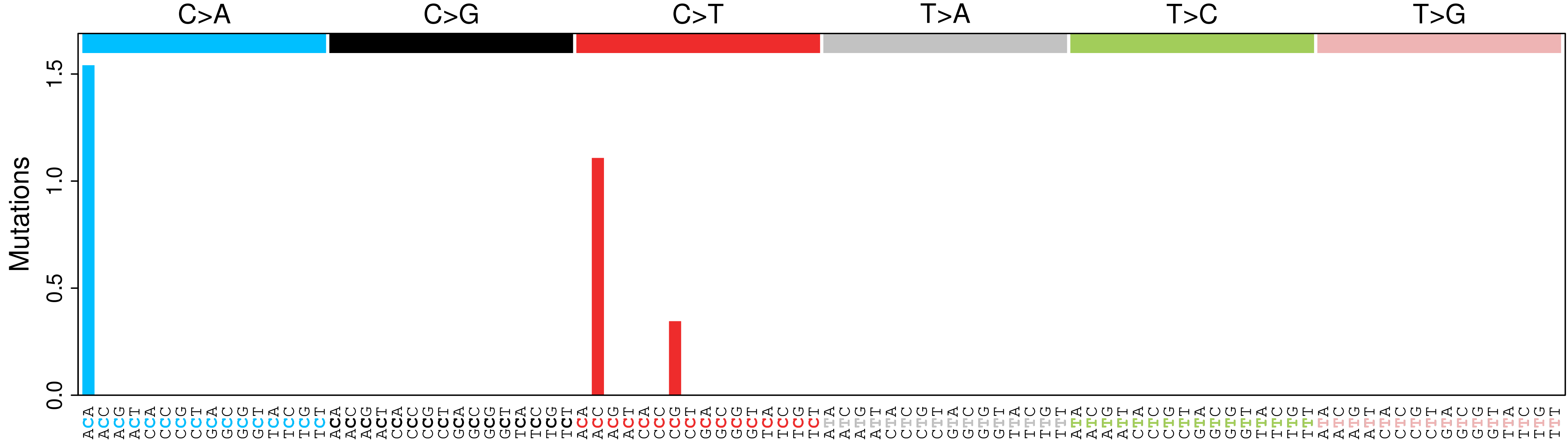
T>G

Mutations

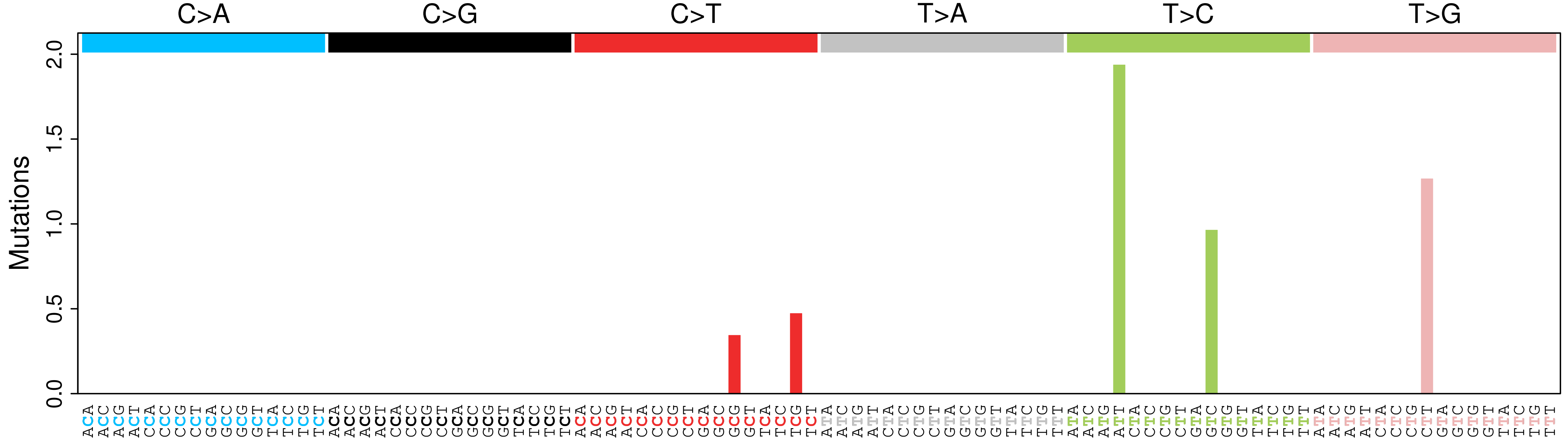
0.0 0.2 0.4 0.6 0.8 1.0

[illegible]

CATD0581a (3 mutations)



CATD0736a (5 mutations)



CATD0596a (2 mutations)

C > A

C > G

$$C > T$$

T > A

$$T > C$$

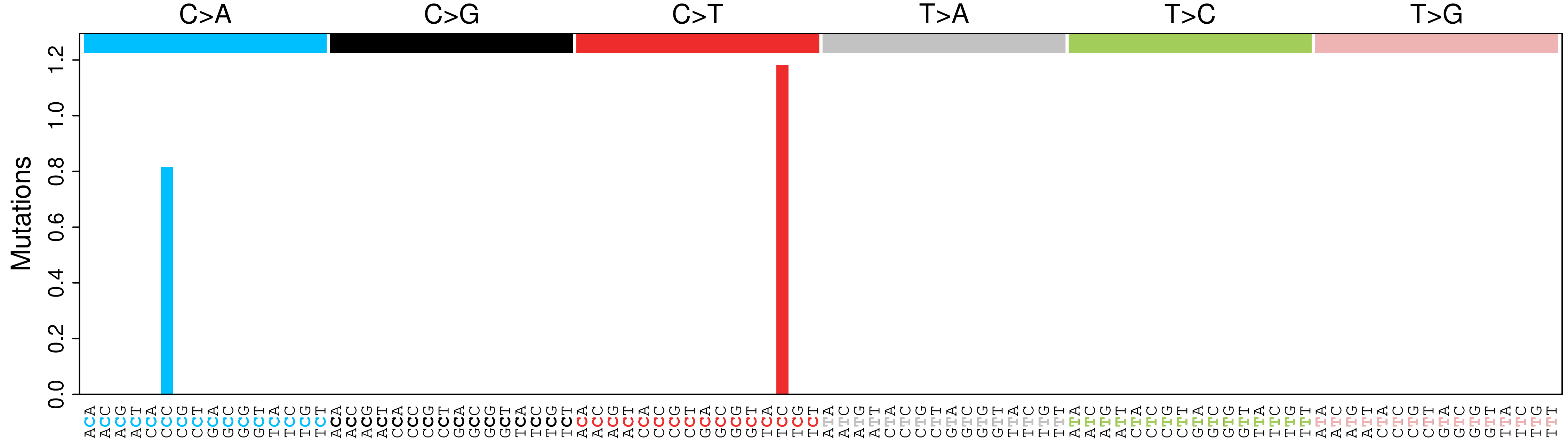
$T > G$

Mutations

0.0 0.2 0.4 0.6 0.8 1.0 1.2

[illegible]

CATD0719a (2 mutations)



CATD0721a (1 mutations)

$C > A$

$C > G$

$C > T$

T > A

$T > C$

T > G

Mutations

0.0 0.2 0.4 0.6 0.8 1.0

[illegible]

CATD0604a (1 mutations)

$C > A$

$C > G$

$$C > T$$

T > A

$$T > C$$

$T > G$

Mutations

1.0

o

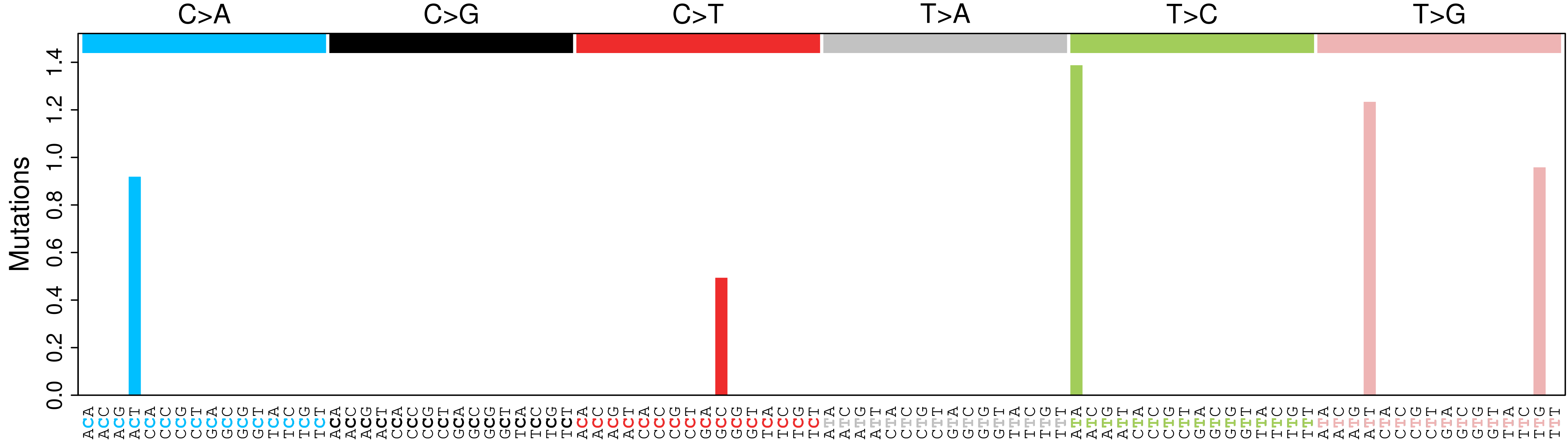
C

ol

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[illegible]

CATD0720a (5 mutations)



CATD0682a (1 mutations)

