



## CATD0716a (2 mutations)

$C > A$

C > G

$C > T$

**T>A**

 $T > C$ 

T>G

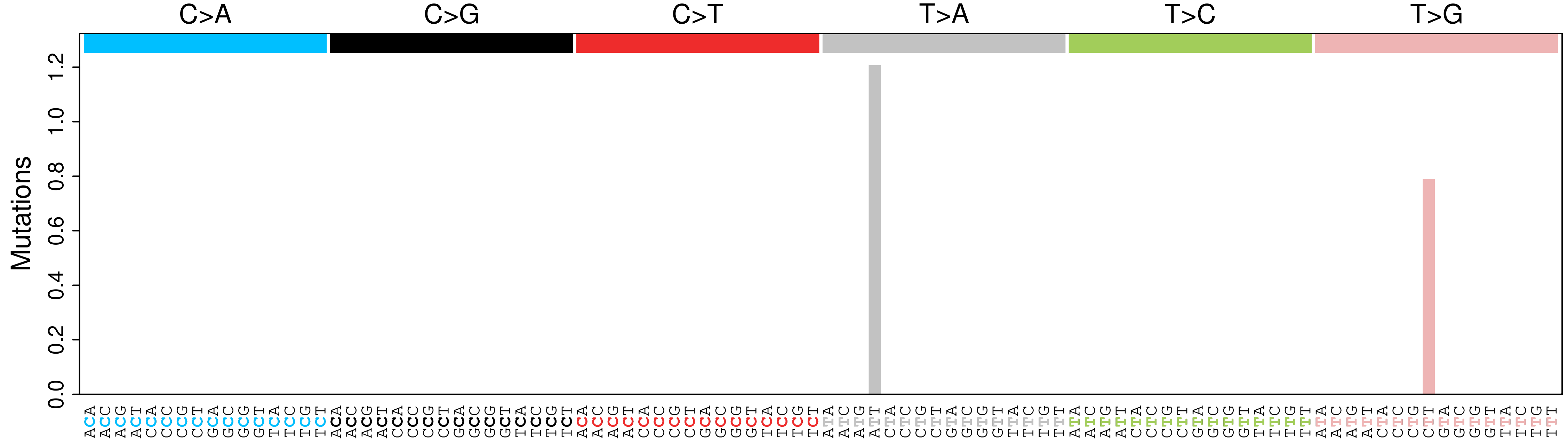
# Mutations

0.0 0.2 0.4 0.6 0.8 1.0

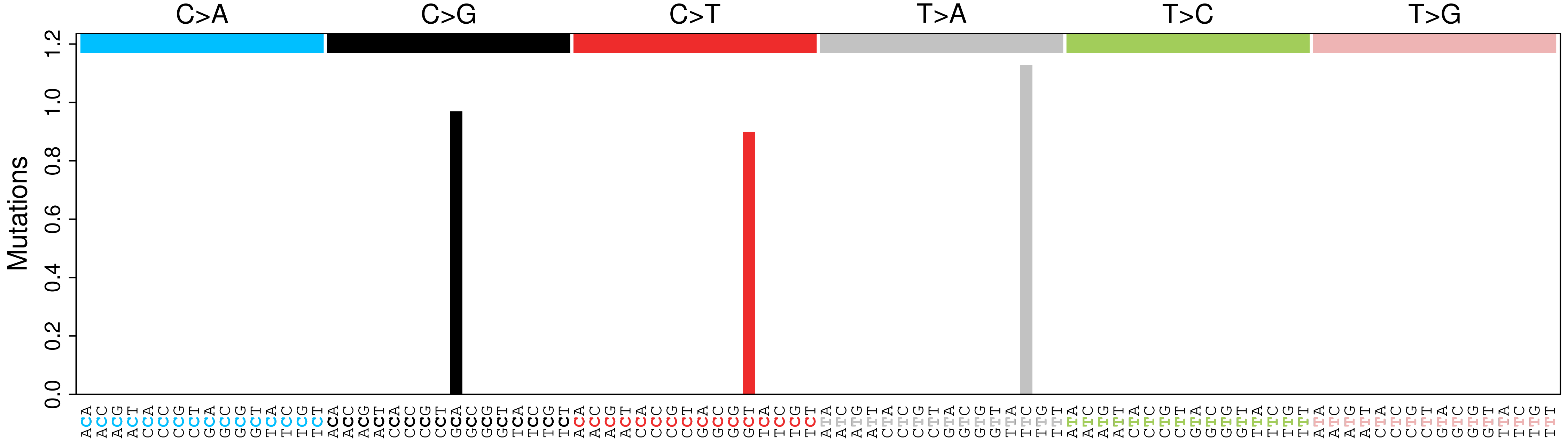
[illegible]



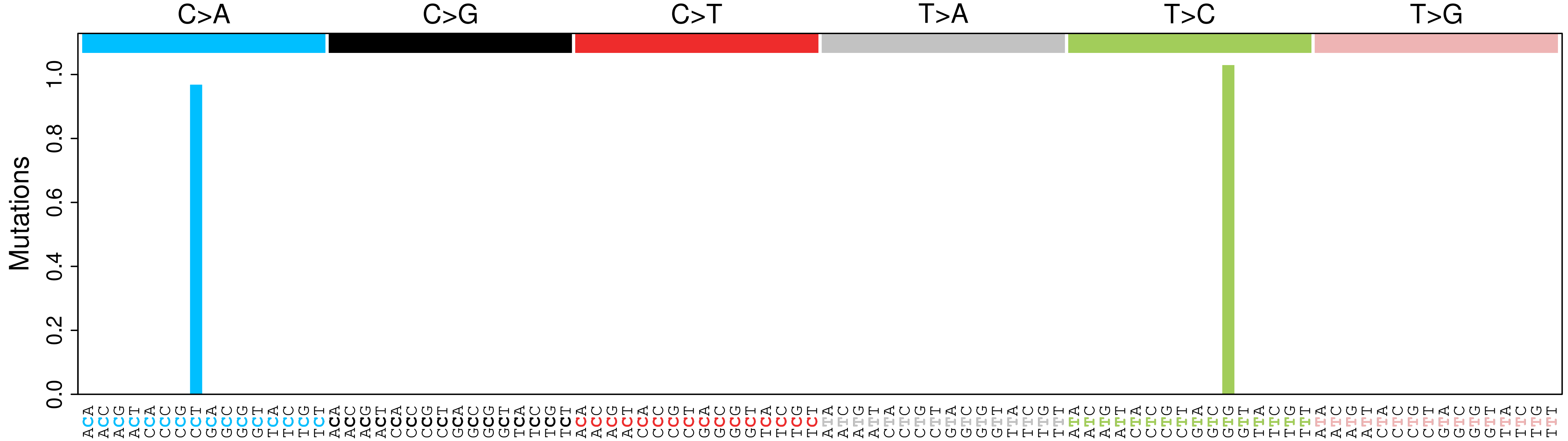
## CATD227a (2 mutations)



# CATD0710a (3 mutations)



## CATD0717a (2 mutations)



# CATD242a (3 mutations)

C>A

C>G

C>T

T>A

T>C

T>G

Mutations

1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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

## CATD0709a (1 mutations)

$C > A$

$C > G$

$C > T$

**T > A**

$T > C$

T > G

# Mutations

1.0

o

U

21

0.

[illegible]



## CATD239a (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

[illegible]

## CATD216a (1 mutations)

$C > A$

$C > G$

$C > T$

**T>A**

 $T > C$ 

T>G

# Mutations

# 1.0

0

2

0.

[illegible]

## CATD232a (1 mutations)

$C > A$

C > G

$C > T$

**T > A**

 $T > C$ 

$T > G$

# Mutations

# 1.0

3.0

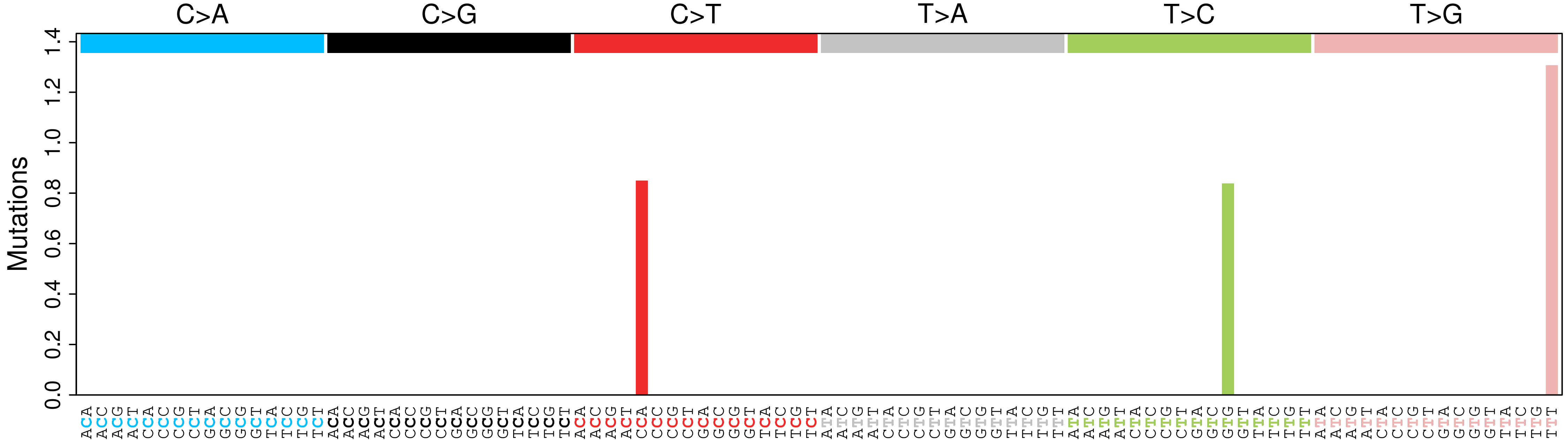
 $\circ$ 

0

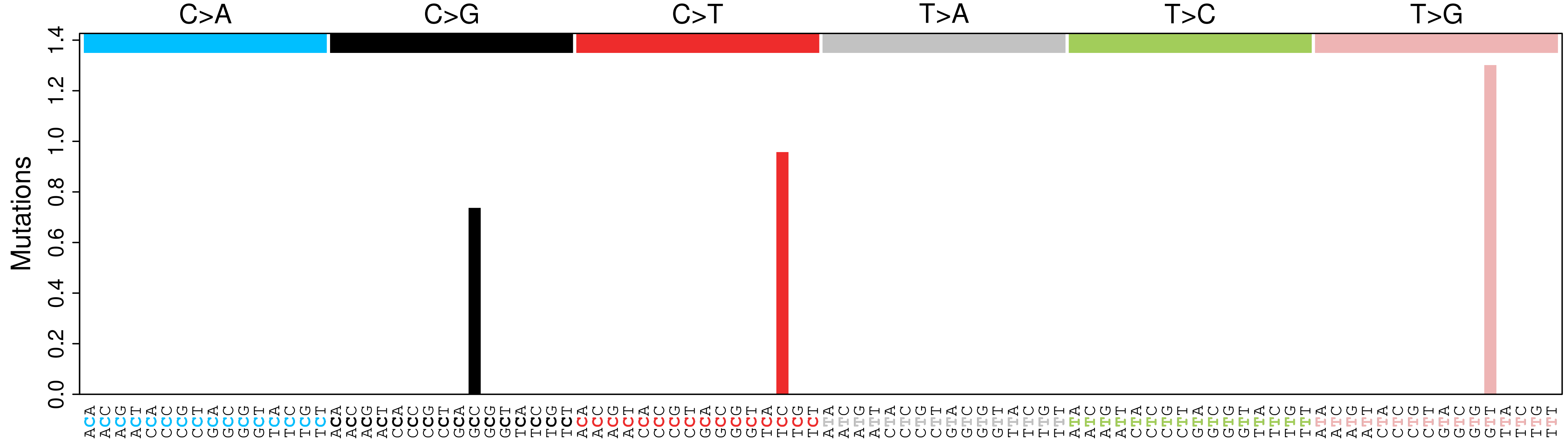
U

[illegible]

# CATD229a (3 mutations)



## CATD0712a (3 mutations)



## CATD226a (1 mutations)

$C > A$

C > G

$C > T$

**T > A**

$T > C$

$T > G$

# Mutations

1.0

 $\circ$ 

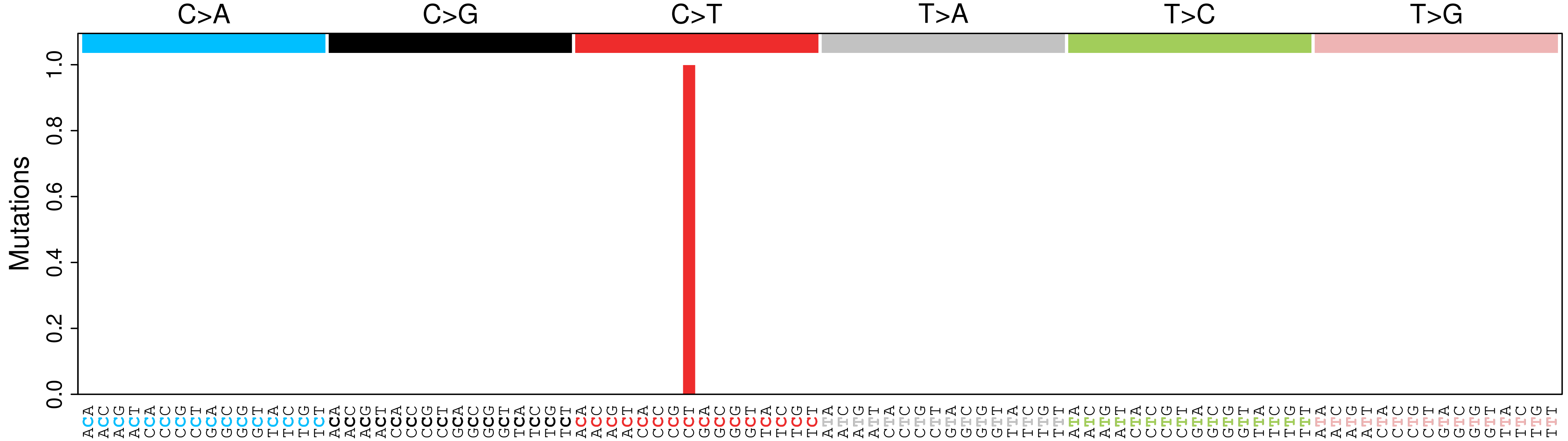
1

2

0.

[illegible]

# CATD0715a (1 mutations)



# CATD224a (2 mutations)

C>A

C>G

C>T

T>A

T>C

T>G

Mutations

1.5  
1.0  
0.5  
0.0

A C A C A C C C C G C A G C G G T T C A T C C T A C C A C G A C T C C C C G C A G C C G C T T C A T C C T T A C A C A G A C T C C C C C G C A G C G G T T C A T C C T T A C A T C A T G A T T A C T C C T G T A G T C G T T A T T C T T G T T T A T A C A T G A T T C T A C T C G T A C G T G T G T T A T C T T G T T A T A C A T G A T T A C C T G C T A C G T T A C G T T T C G T T T



## CATD0561e (1 mutations)

$C > A$

$C > G$

$C > T$

**T > A**

$T > C$

T > G

# Mutations

# 1.0

 $\dot{O}$ 

1

2

0.

[illegible]