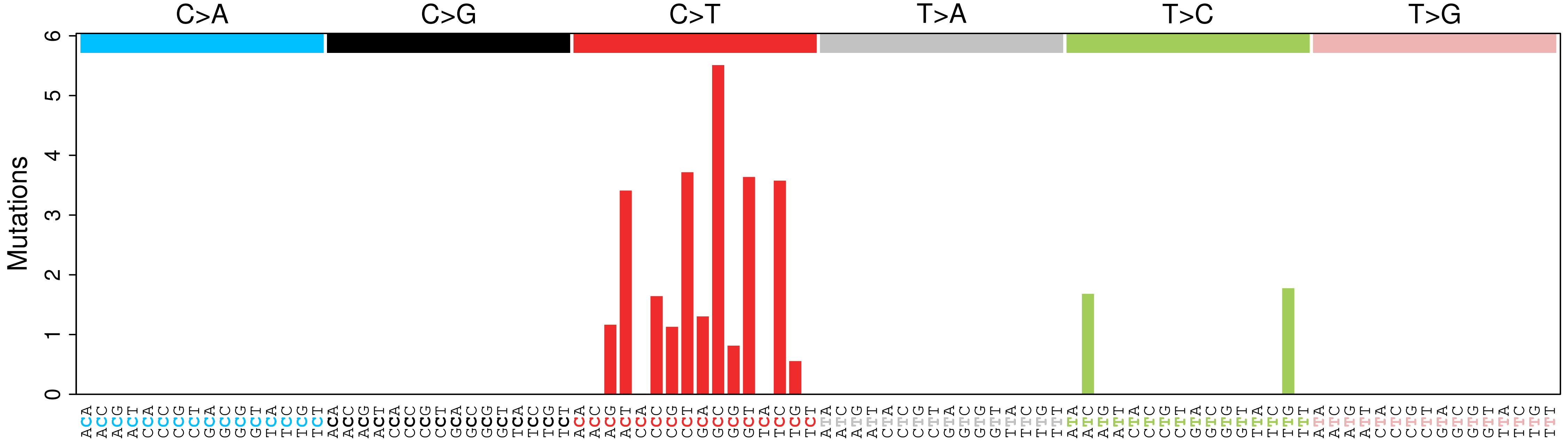
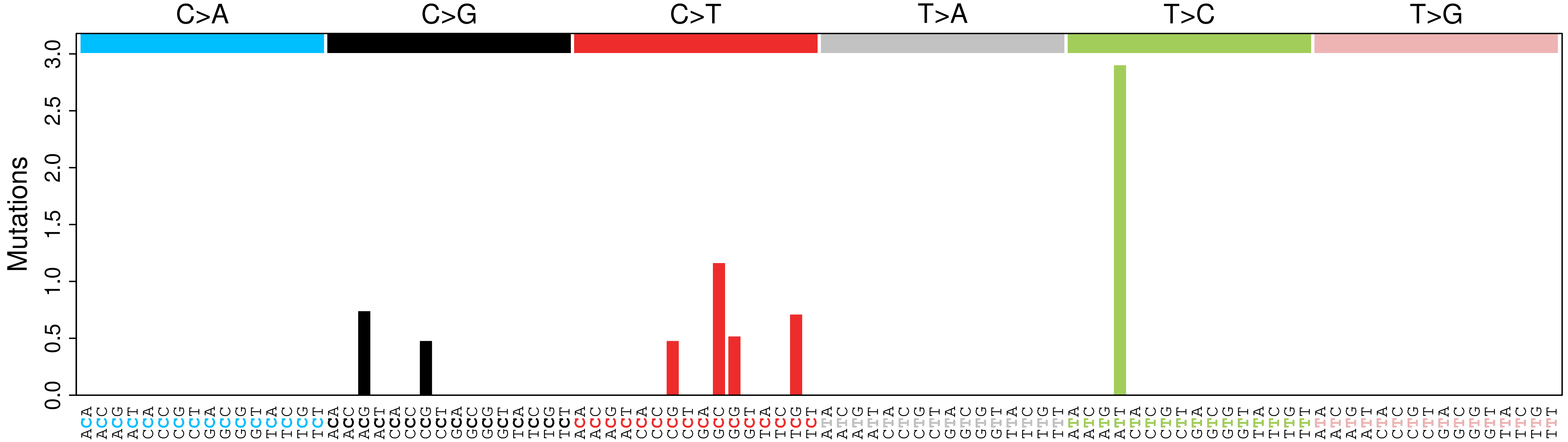


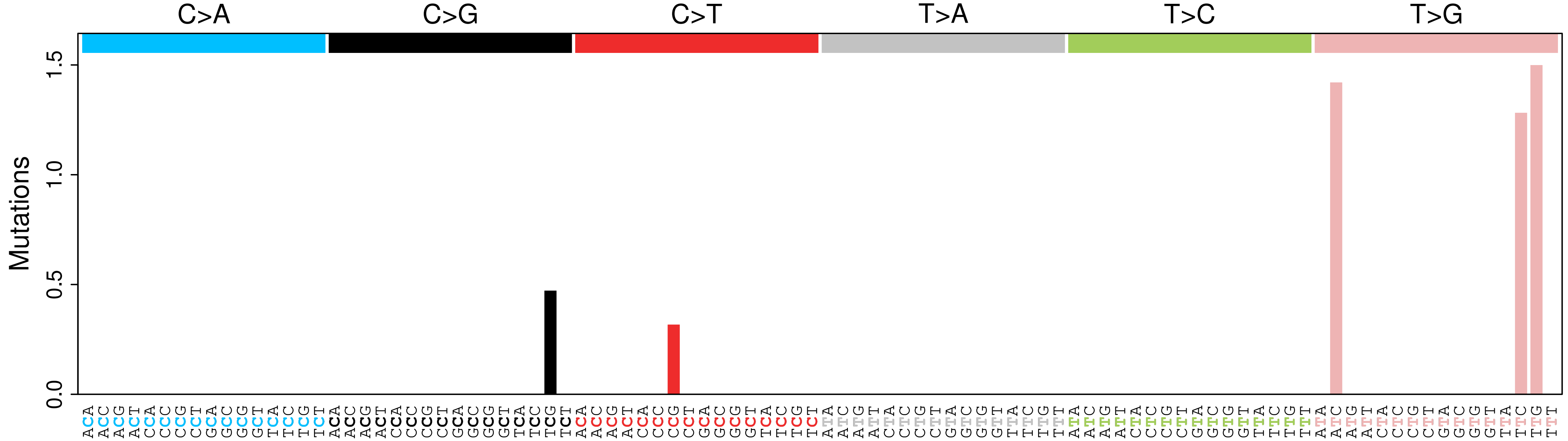
# CATD0393a (30 mutations)



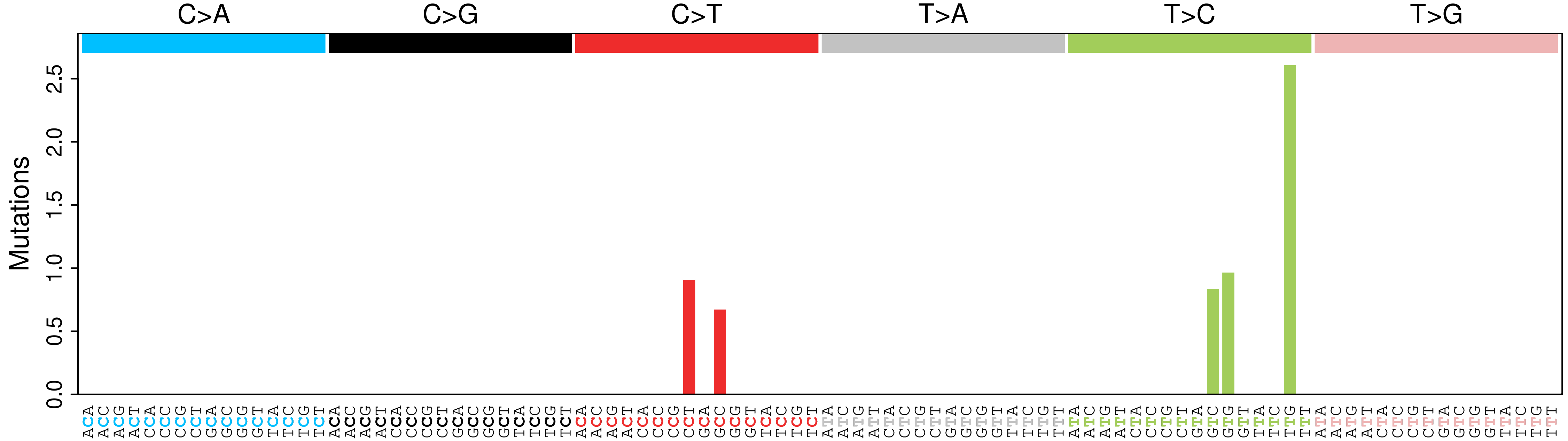
# CATD0657a (7 mutations)



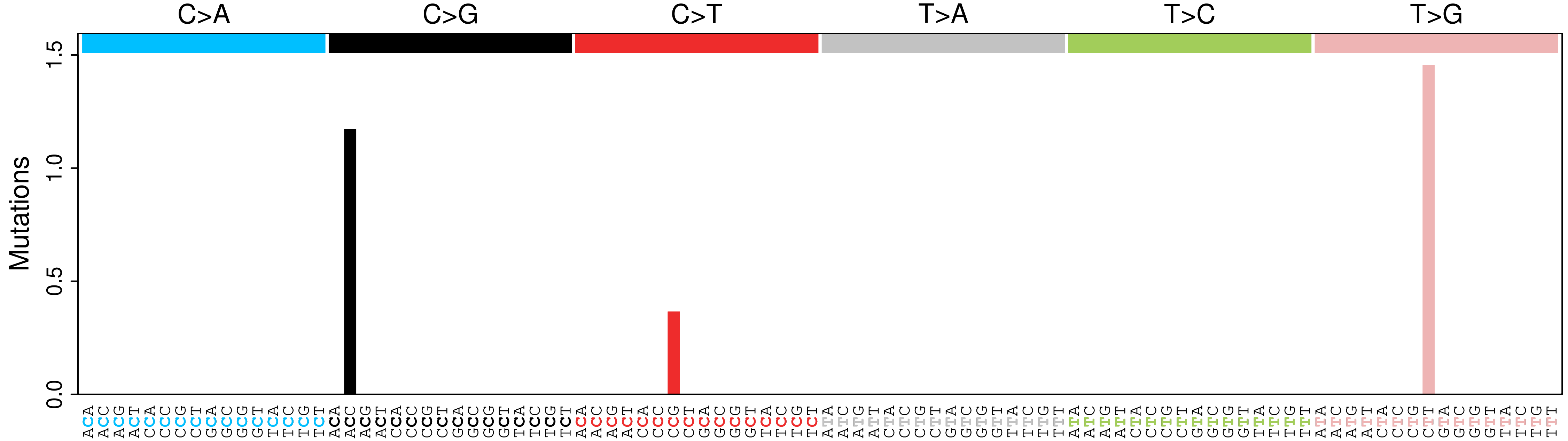
## CATD0388a (5 mutations)



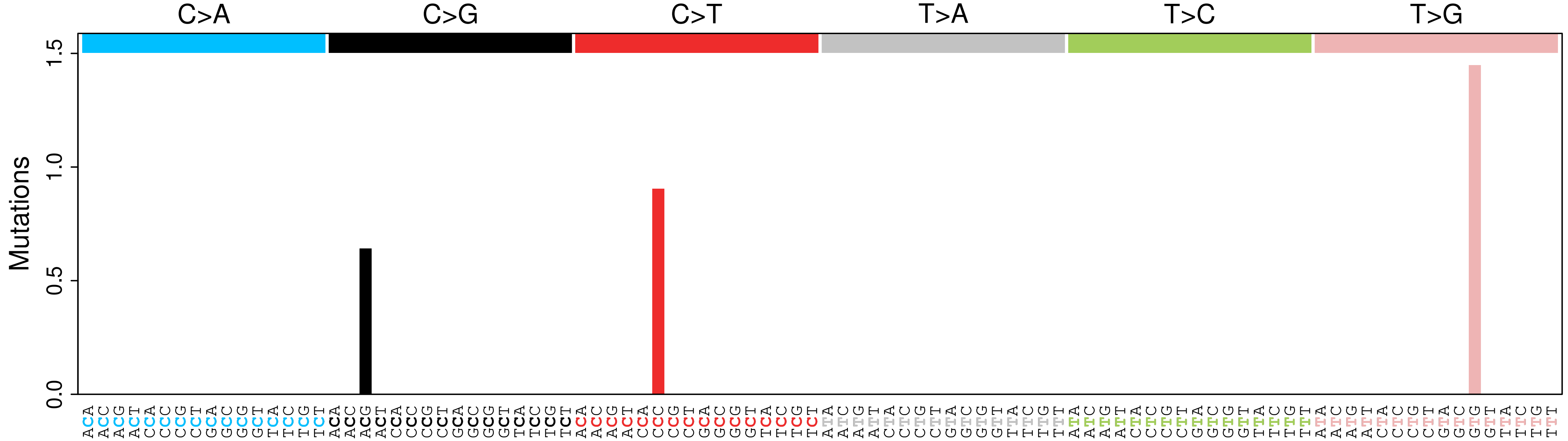
## CATD0395a (6 mutations)



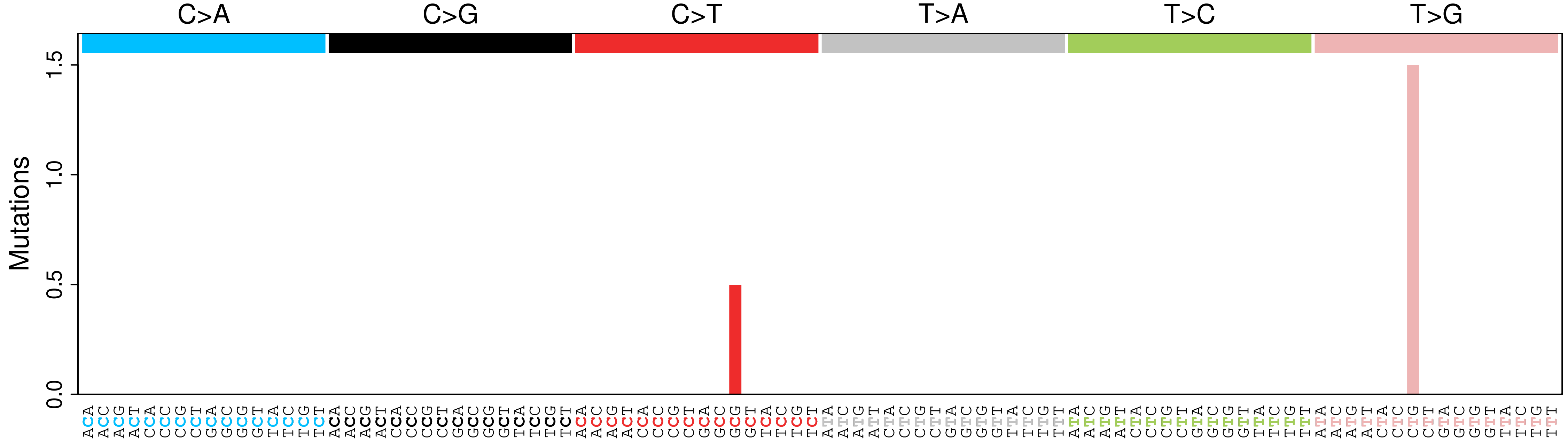
## CATD0434a (3 mutations)



## CATD0666a (3 mutations)



## CATD0391a (2 mutations)



## CATD0387a (2 mutations)

$C > A$

$C > G$

$C > T$

**T > A**

$T > C$

T > G

# Mutations

## 1.5

1.

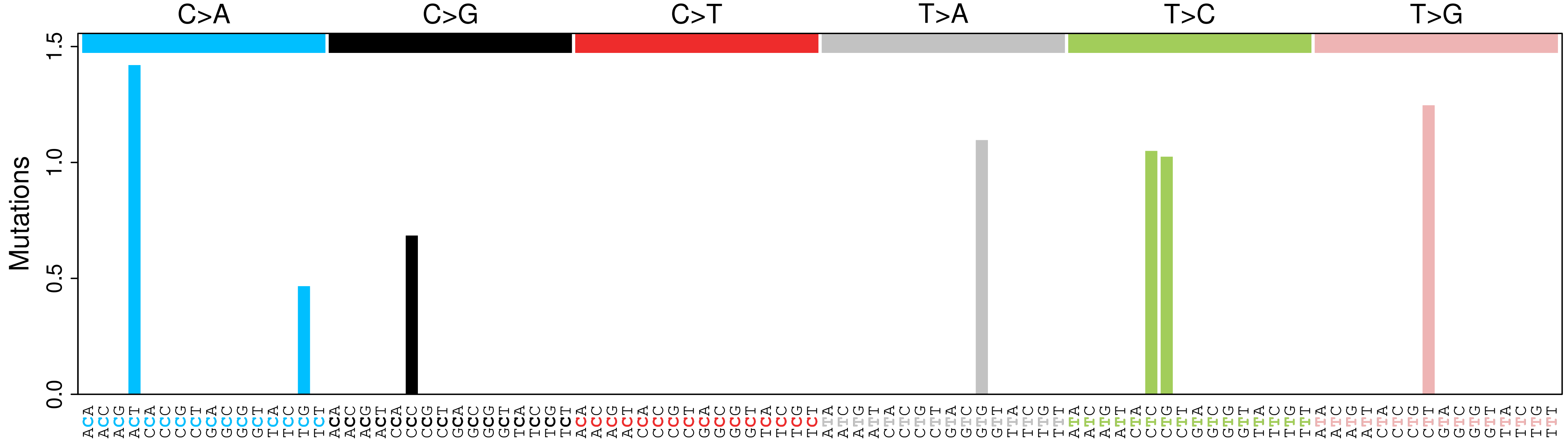
0

0.0

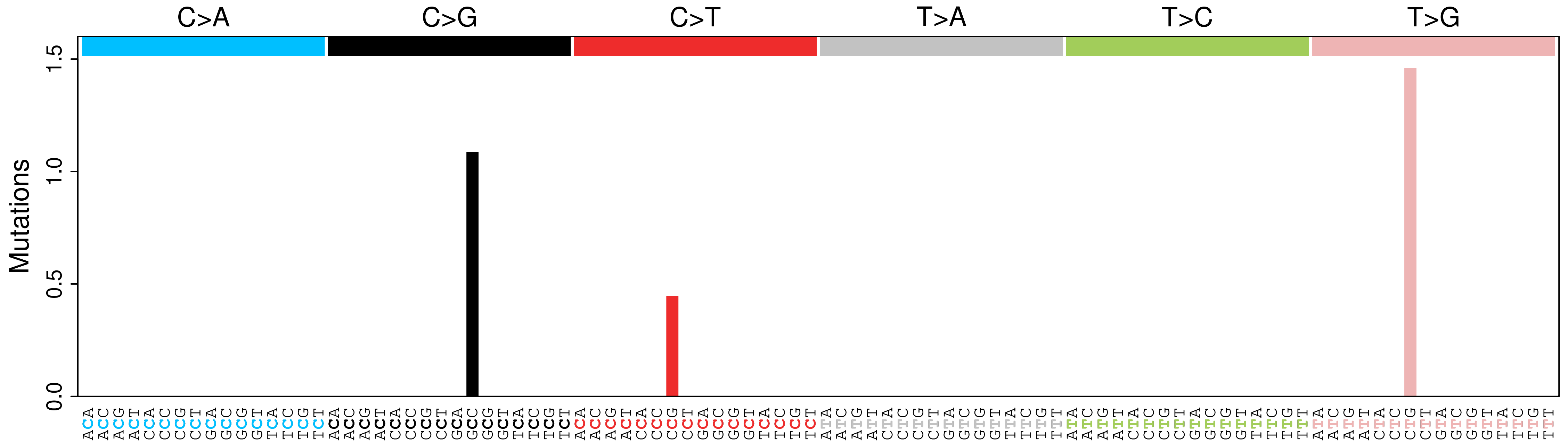
[illegible]



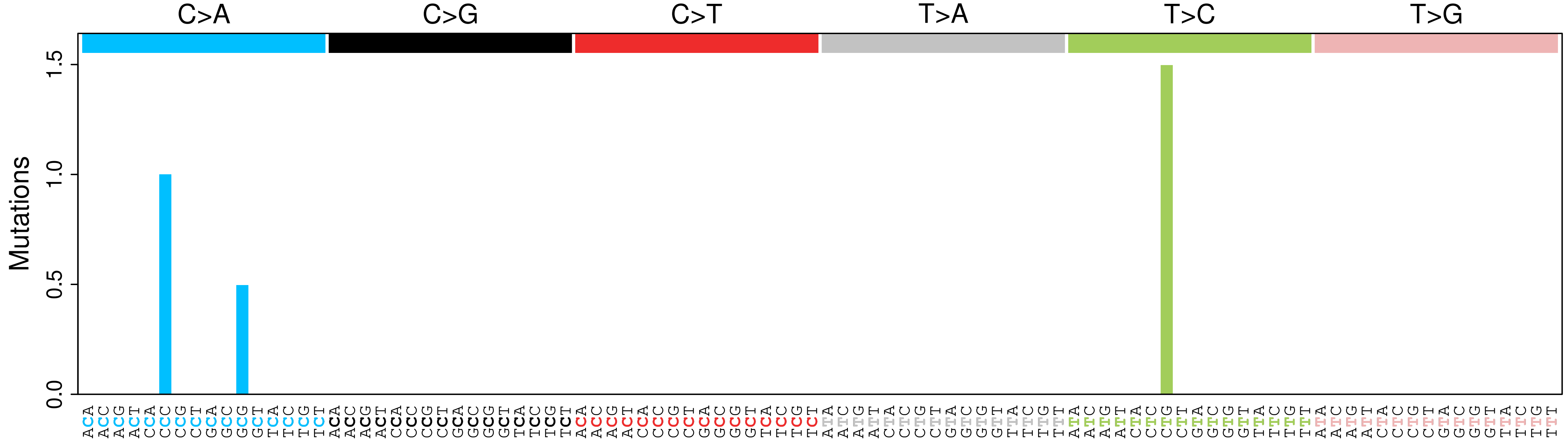
# CATD0381a (7 mutations)



# CATD0390a (3 mutations)



## CATD0423a (3 mutations)



## CATD0398a (3 mutations)

$C > A$

C > G

$$C > T$$

**T > A**

$T > C$

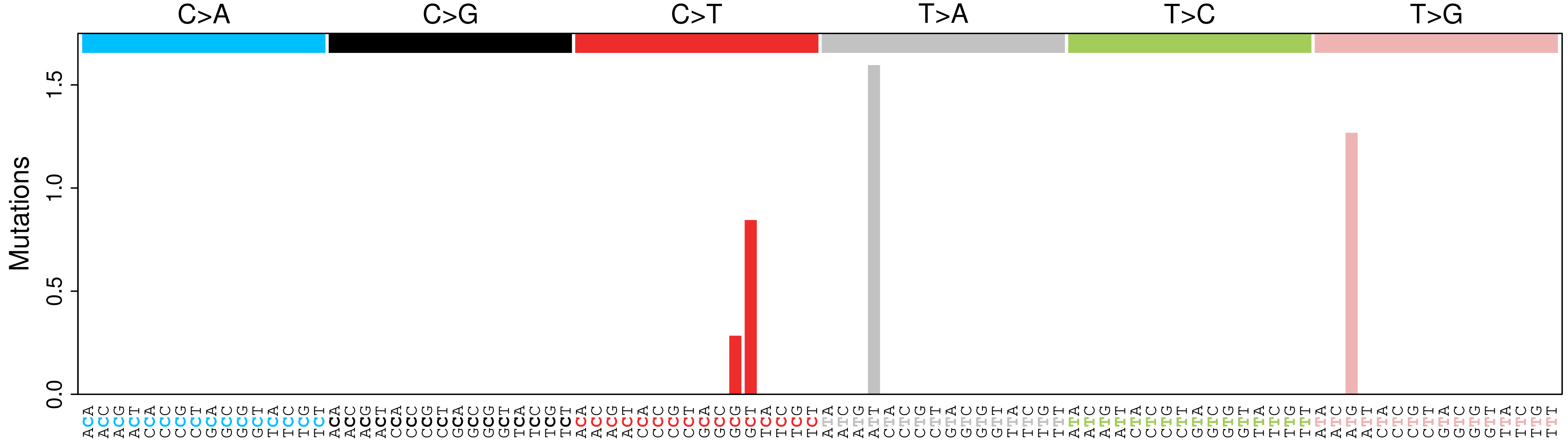
**T > G**

# Mutations

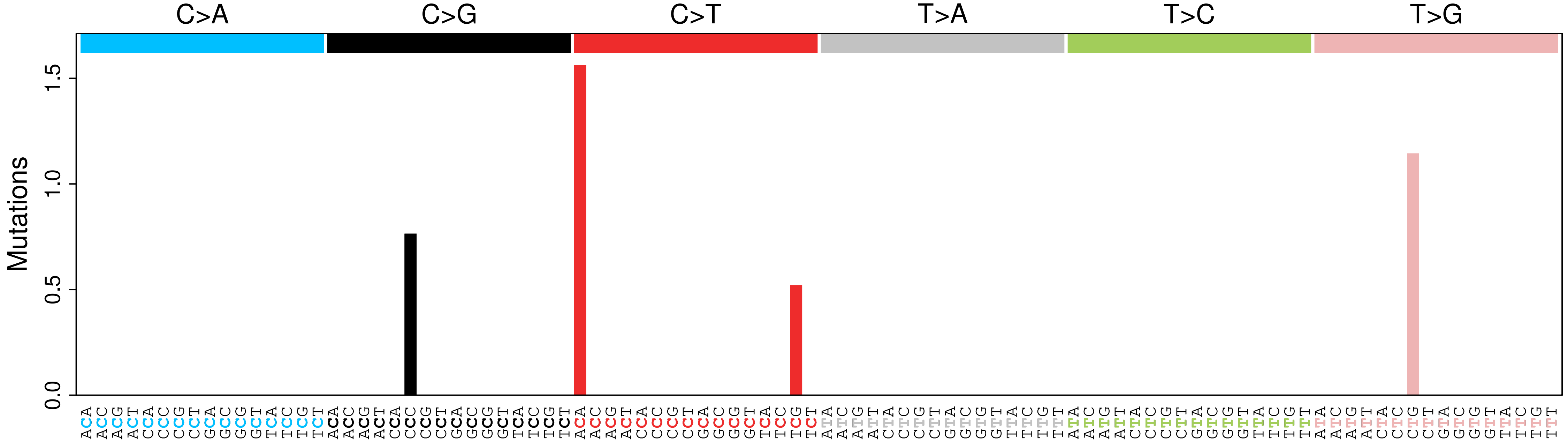
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4

[illegible]

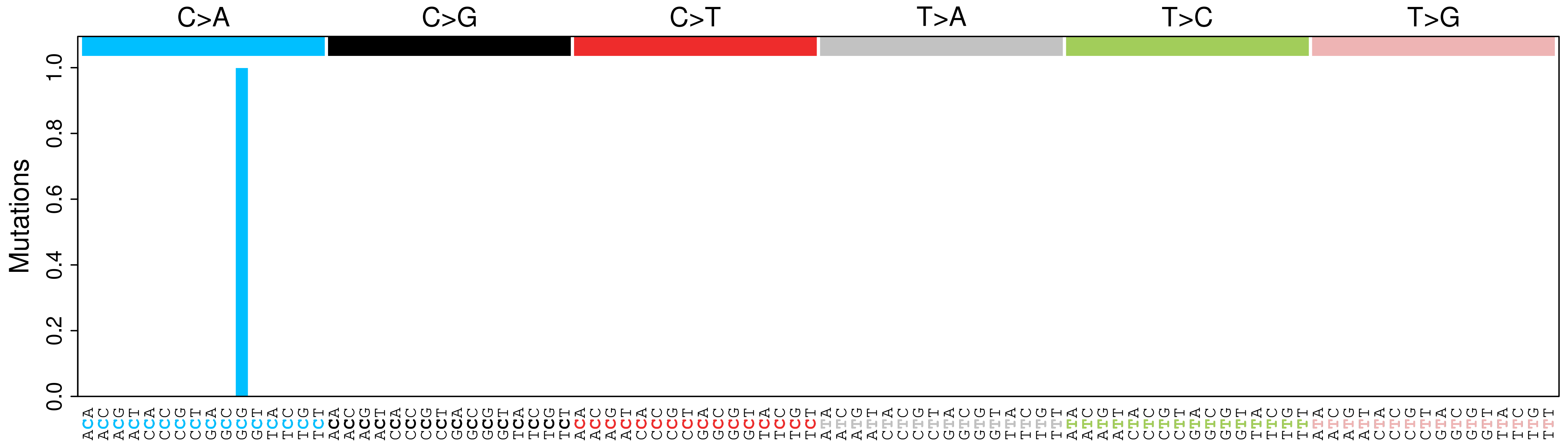
## CATD0428a (4 mutations)



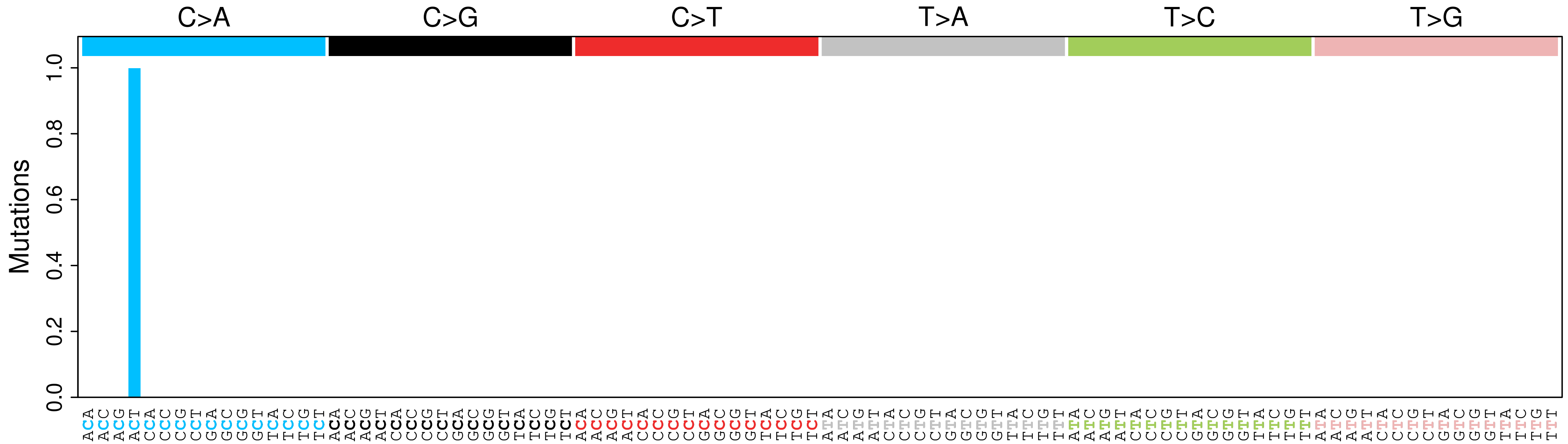
# CATD0378a (4 mutations)



# CATD0380a (1 mutations)

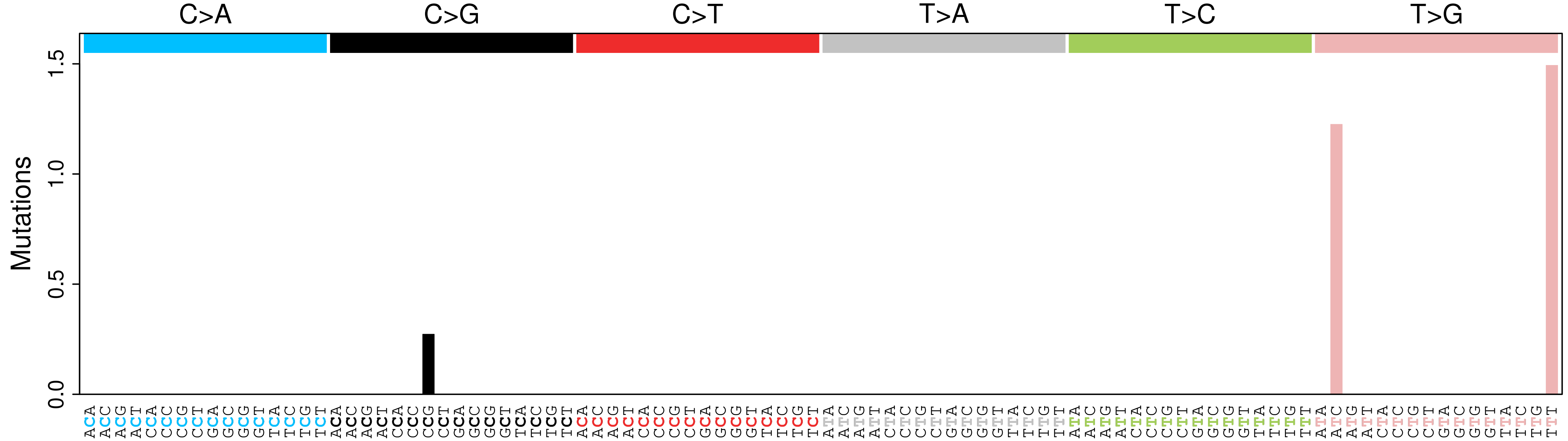


# CATD0662a (1 mutations)

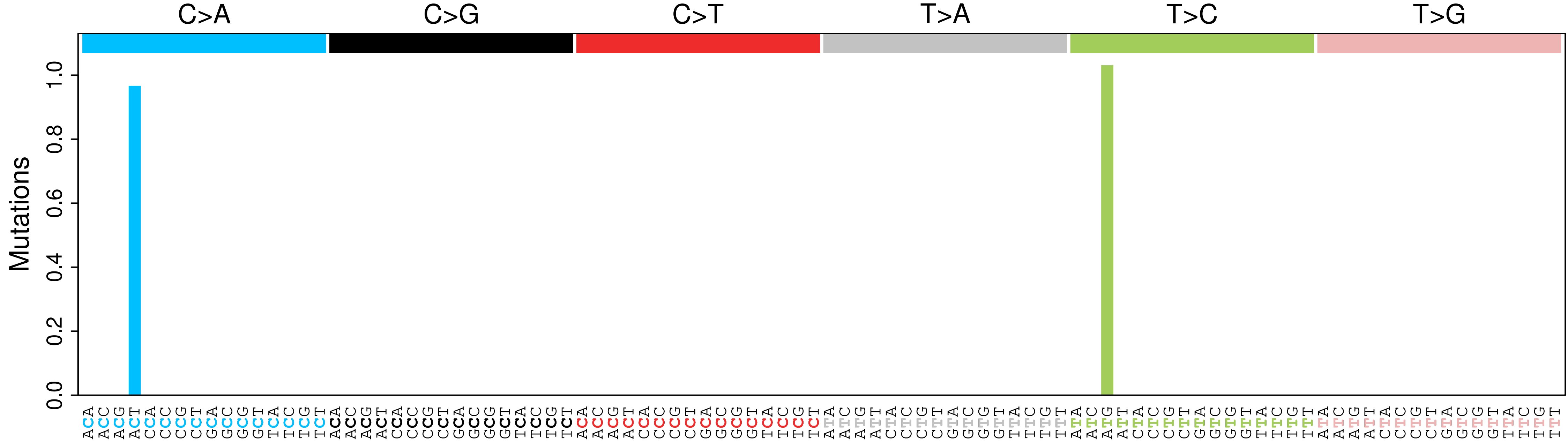




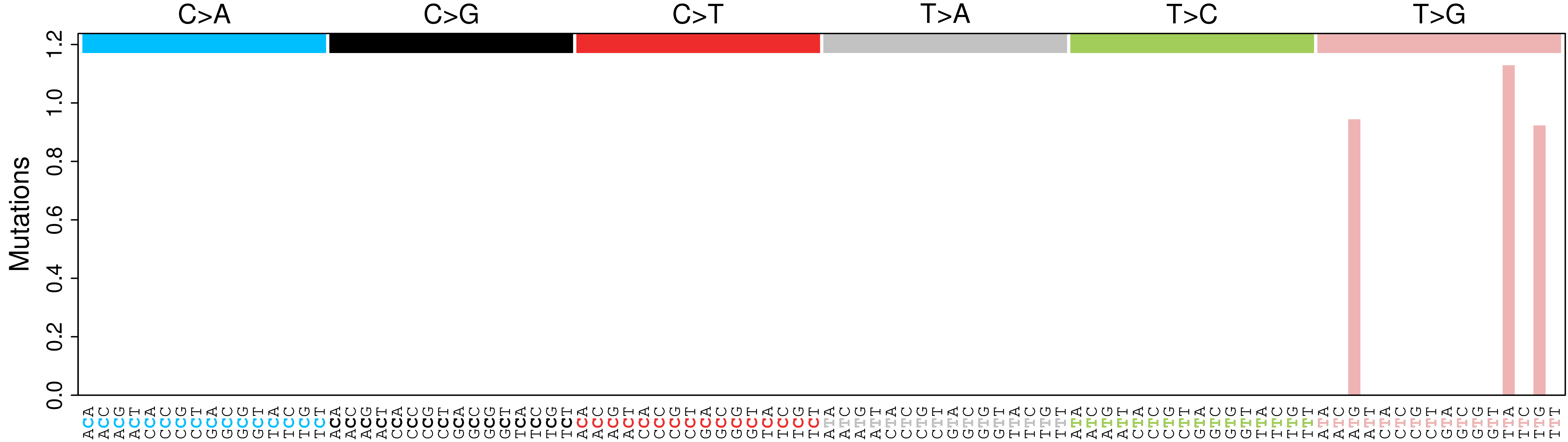
## CATD0399a (3 mutations)



CATD0659a (2 mutations)



CATD0389a (3 mutations)



## CATD0658a (2 mutations)

$C > A$

$C > G$

$C > T$

**T > A**

$T > C$

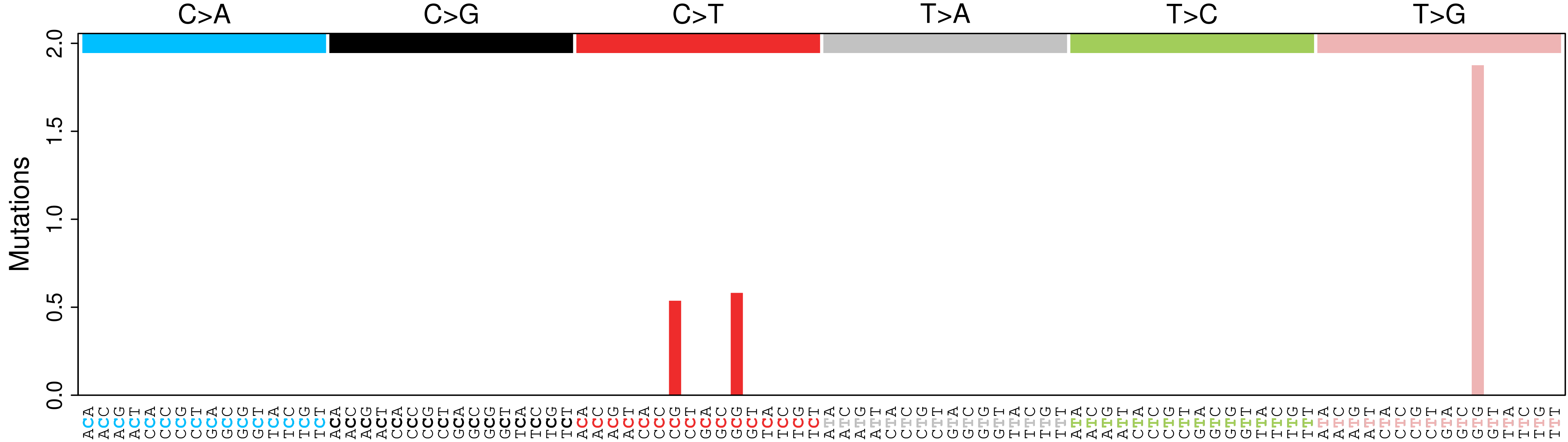
T > G

# Mutations

0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4

[illegible]

CATD0665a (3 mutations)



## CATD0377a (3 mutations)

$C > A$

C > G

$C > T$

**T>A**

 $T > C$ 

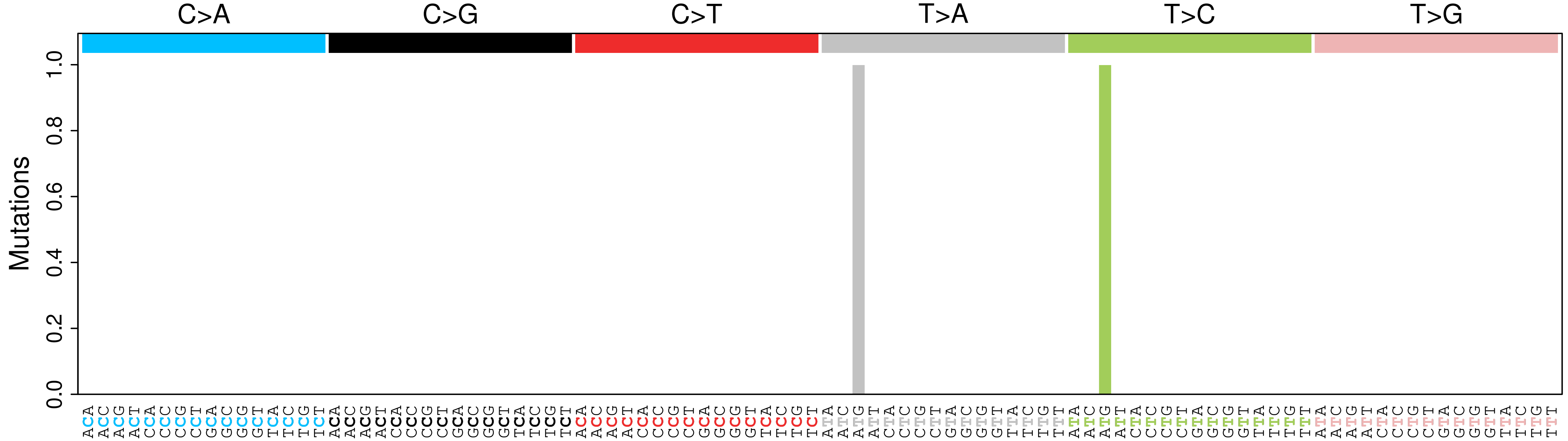
T>G

# Mutations

0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4

[illegible]

## CATD0422a (2 mutations)



## CATD0392a (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]



## CATD0661a (2 mutations)

$C > A$

$C > G$

$C > T$

**T > A**

$T > C$

**T>G**

# Mutations

$\alpha$	$N_s^1$ (solid)	$N_s^2$ (dashed)	$N_s^3$ (dotted)
0.0	0	0	0
0.2	10	8	6
0.4	25	20	15
0.6	45	38	28
0.8	65	55	42
1.0	80	70	55
1.2	85	75	65

[illegible]

## CATD0424a (1 mutations)

$C > A$

C > G

$$C > T$$

**T > A**

 $T > C$ 

**T > G**

# Mutations

1.0

 $\circ$ 

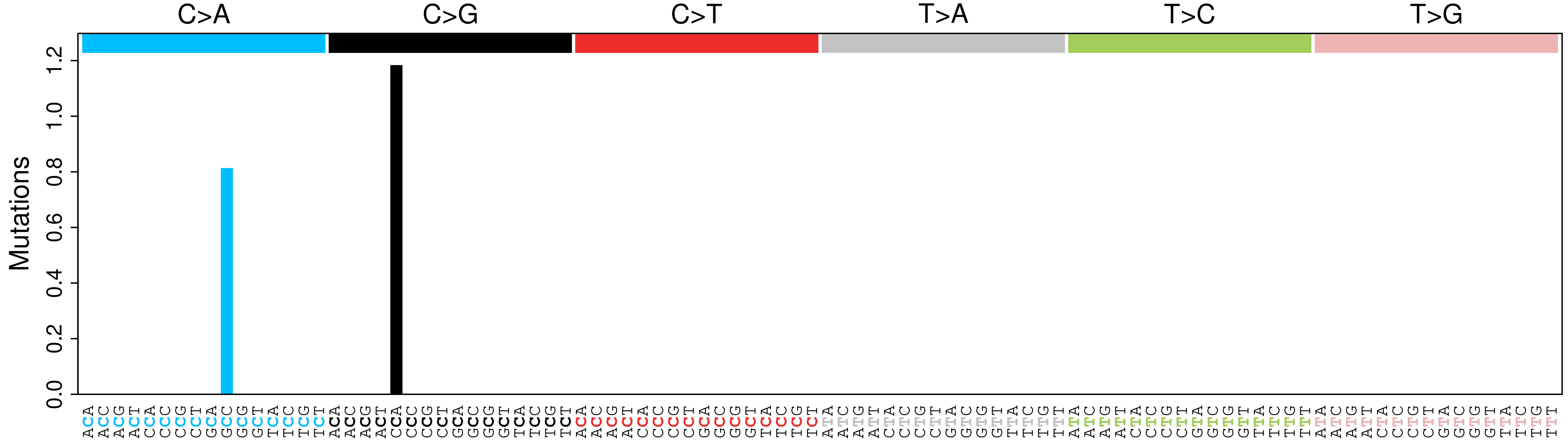
1

21

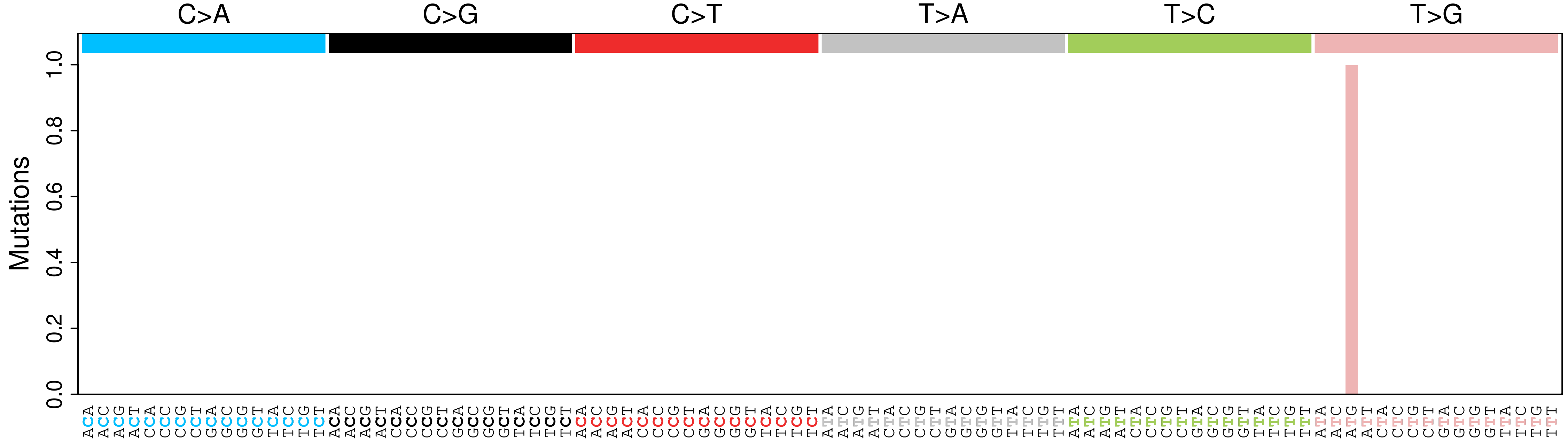
0.

[illegible]

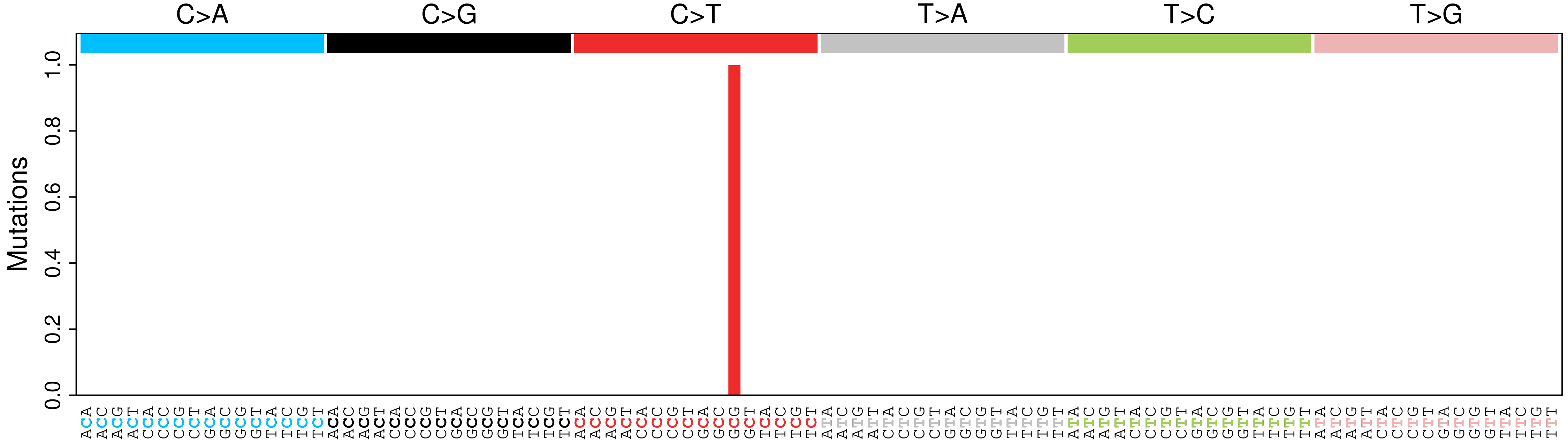
## CATD0426a (2 mutations)



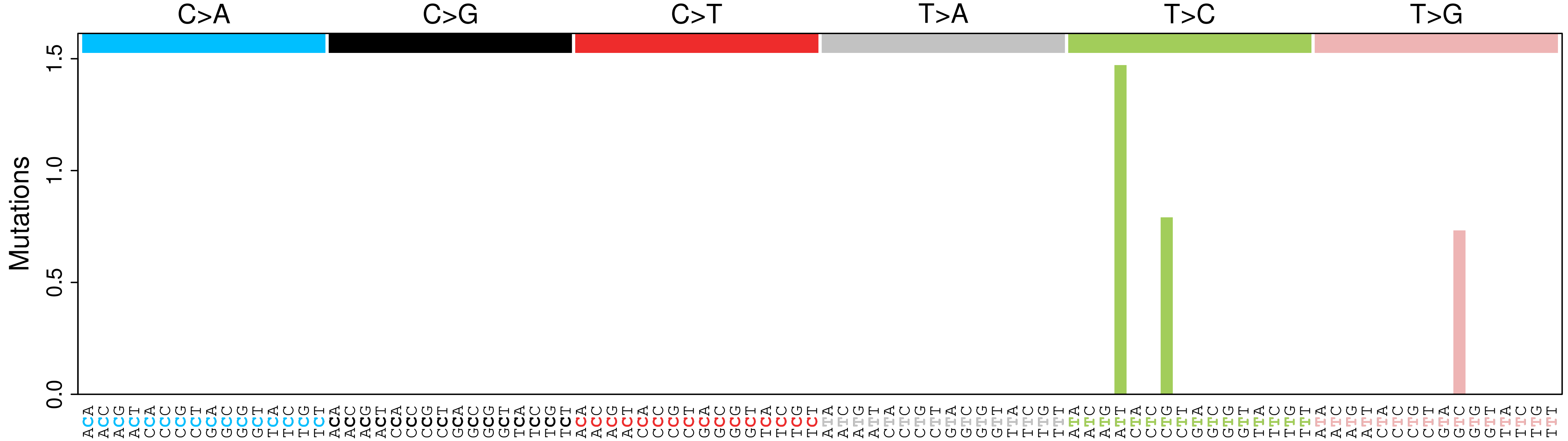
# CATD0383a (1 mutations)



# CATD0385a (1 mutations)



# CATD0382a (3 mutations)



## CATD0660a (1 mutations)

**C > A**

C > G

$C > T$

**T > A**

$$T > C$$

T>G

# Mutations

# 1.0

 $\dot{O}$ 

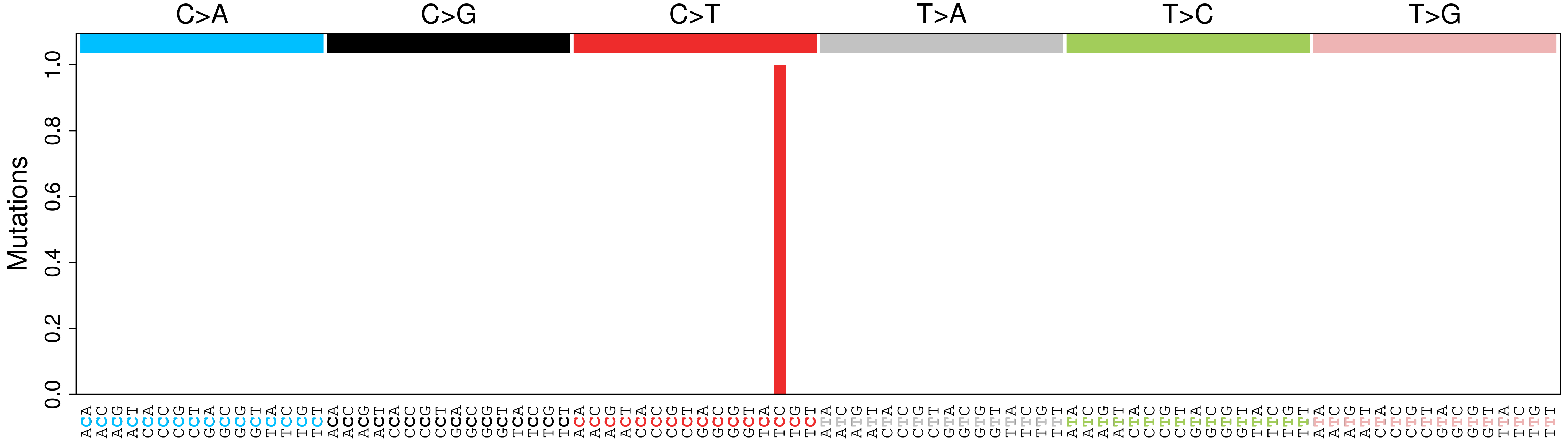
1

2

0.

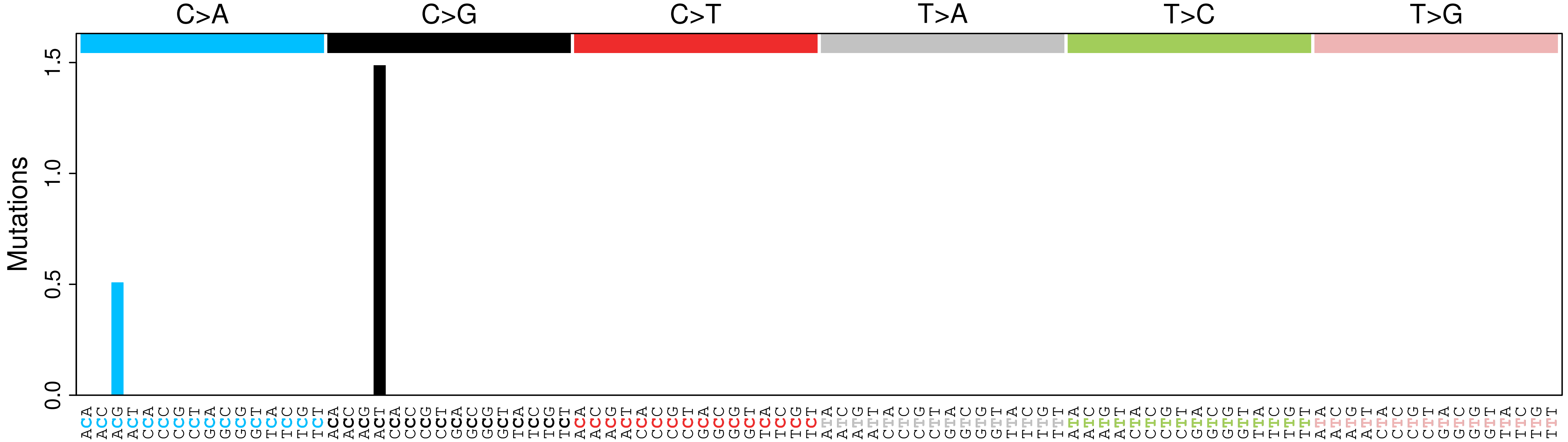
[illegible]

# CATD0437a (1 mutations)

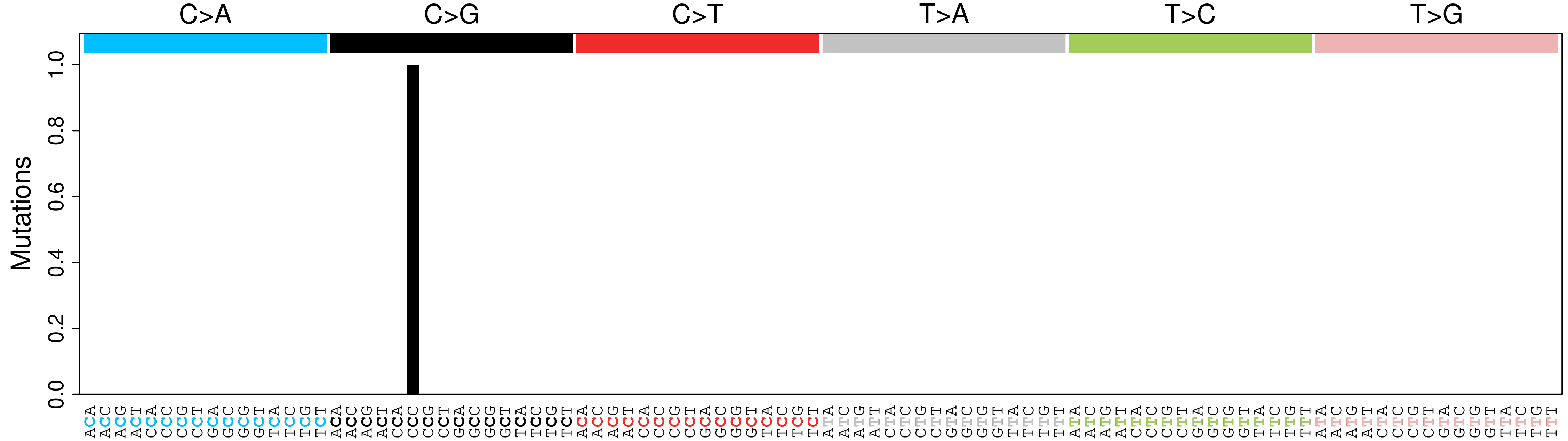




# CATD0439a (2 mutations)



## CATD0663a (1 mutations)



## CATD0379a (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]

CATD0397a (1 mutations)

