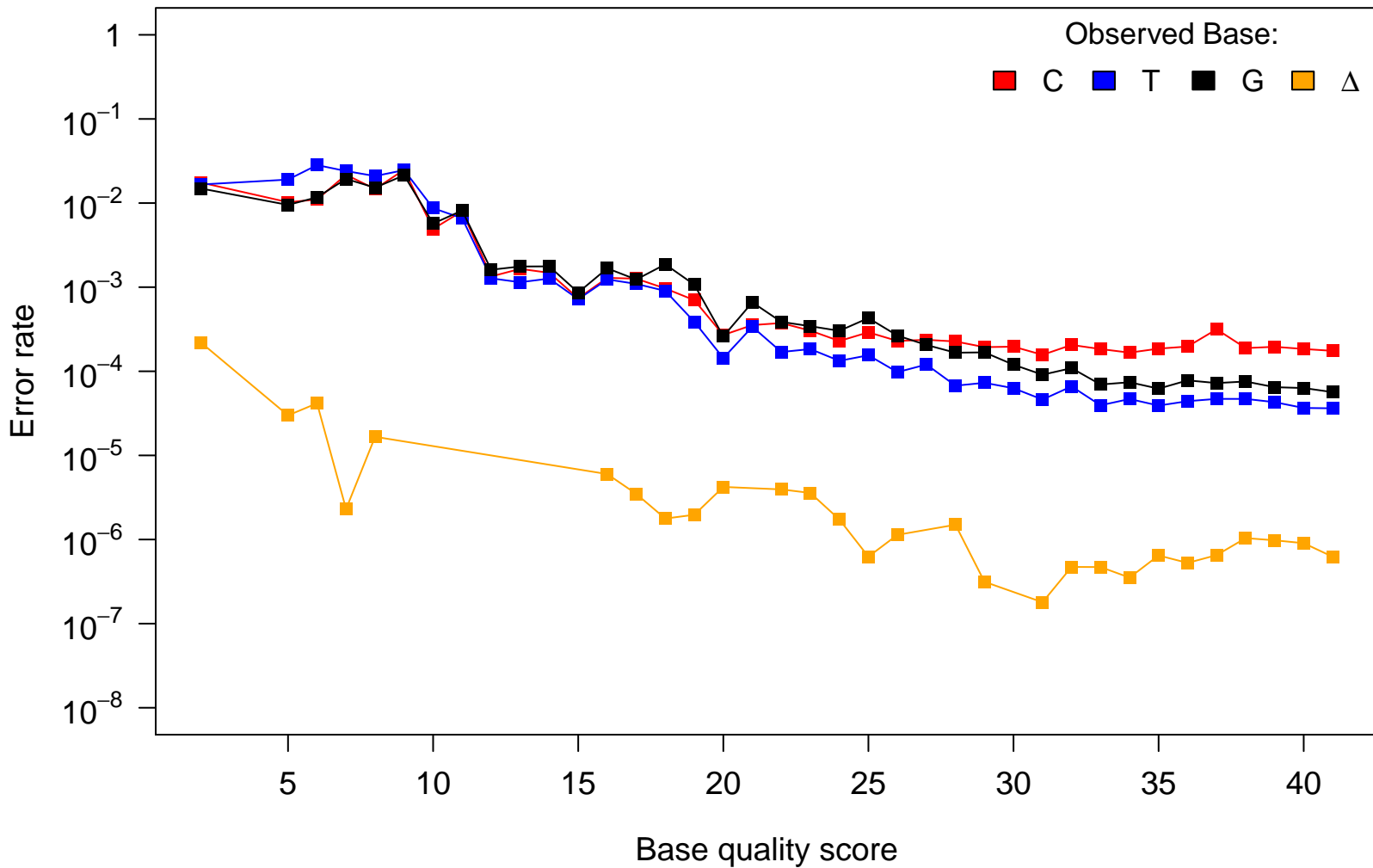
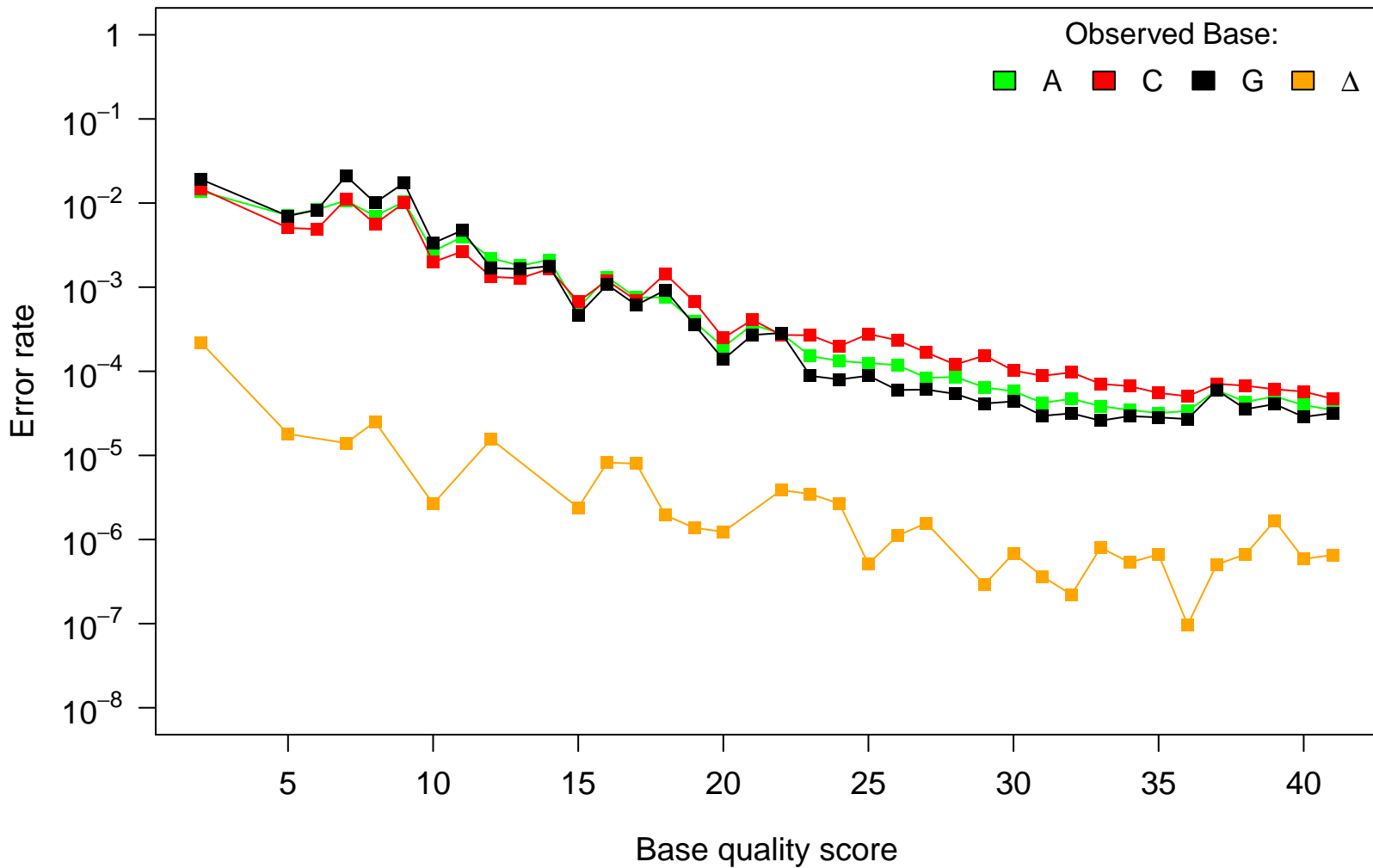


# Reference Base: A



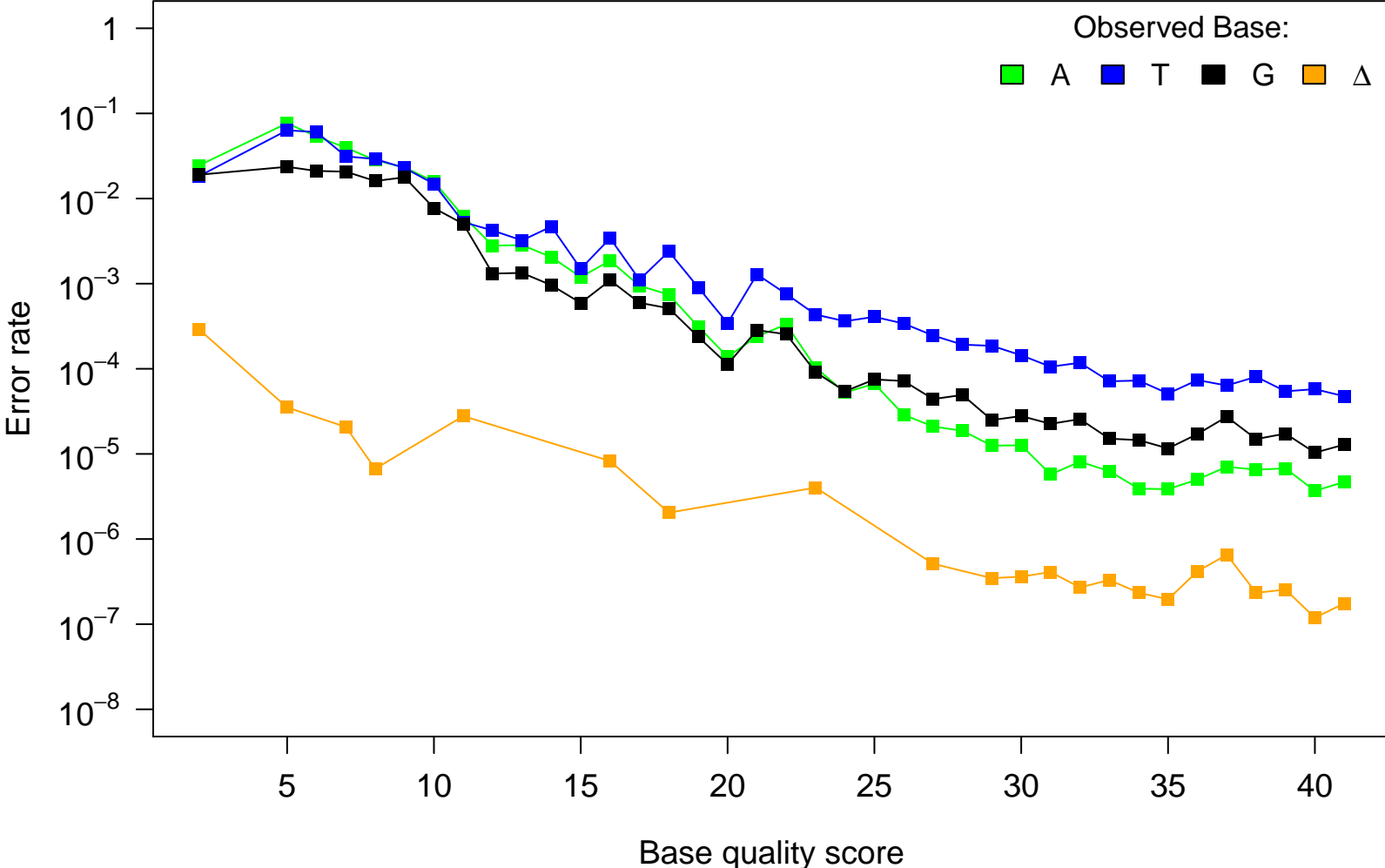
# Reference Base: T



# Reference Base: C

Observed Base:

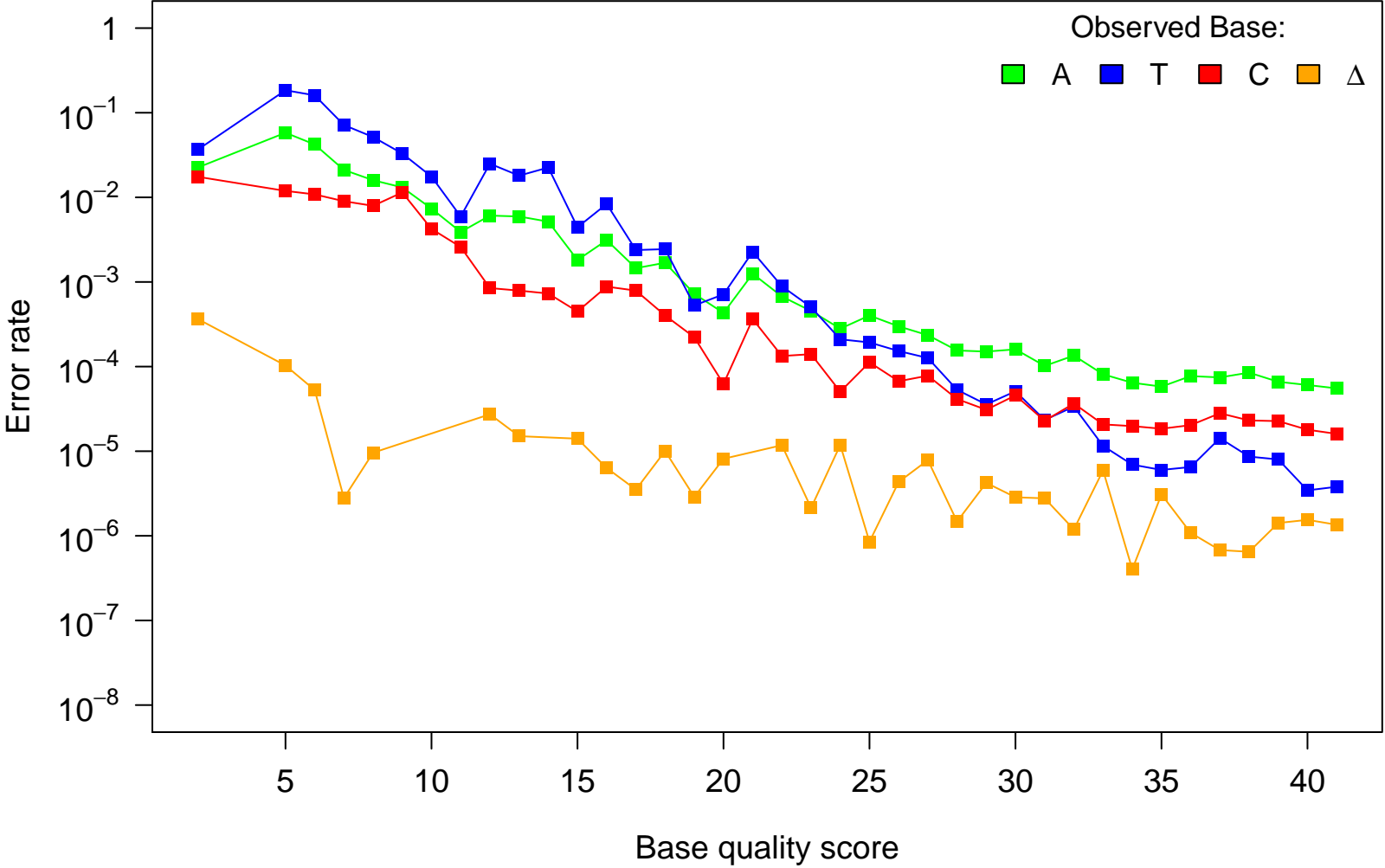
A T G  $\Delta$



# Reference Base: G

Observed Base:

- A
- T
- C
- $\Delta$



Reference Base:  $\Delta$

Observed Base:

■ A ■ T ■ C ■ G

Error rate

1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$   
 $10^{-8}$

5

10

15

20

25

30

35

40

Base quality score

