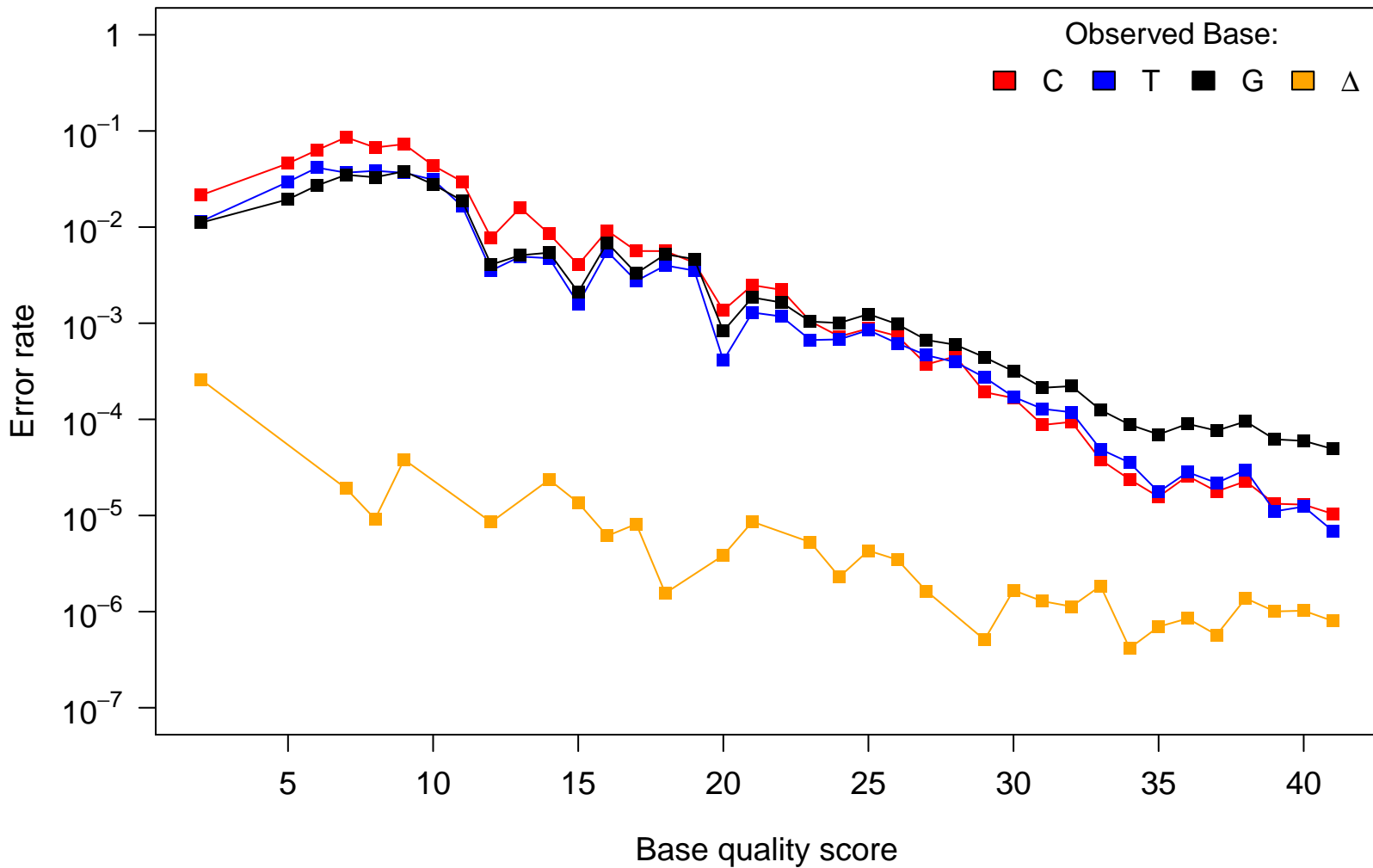


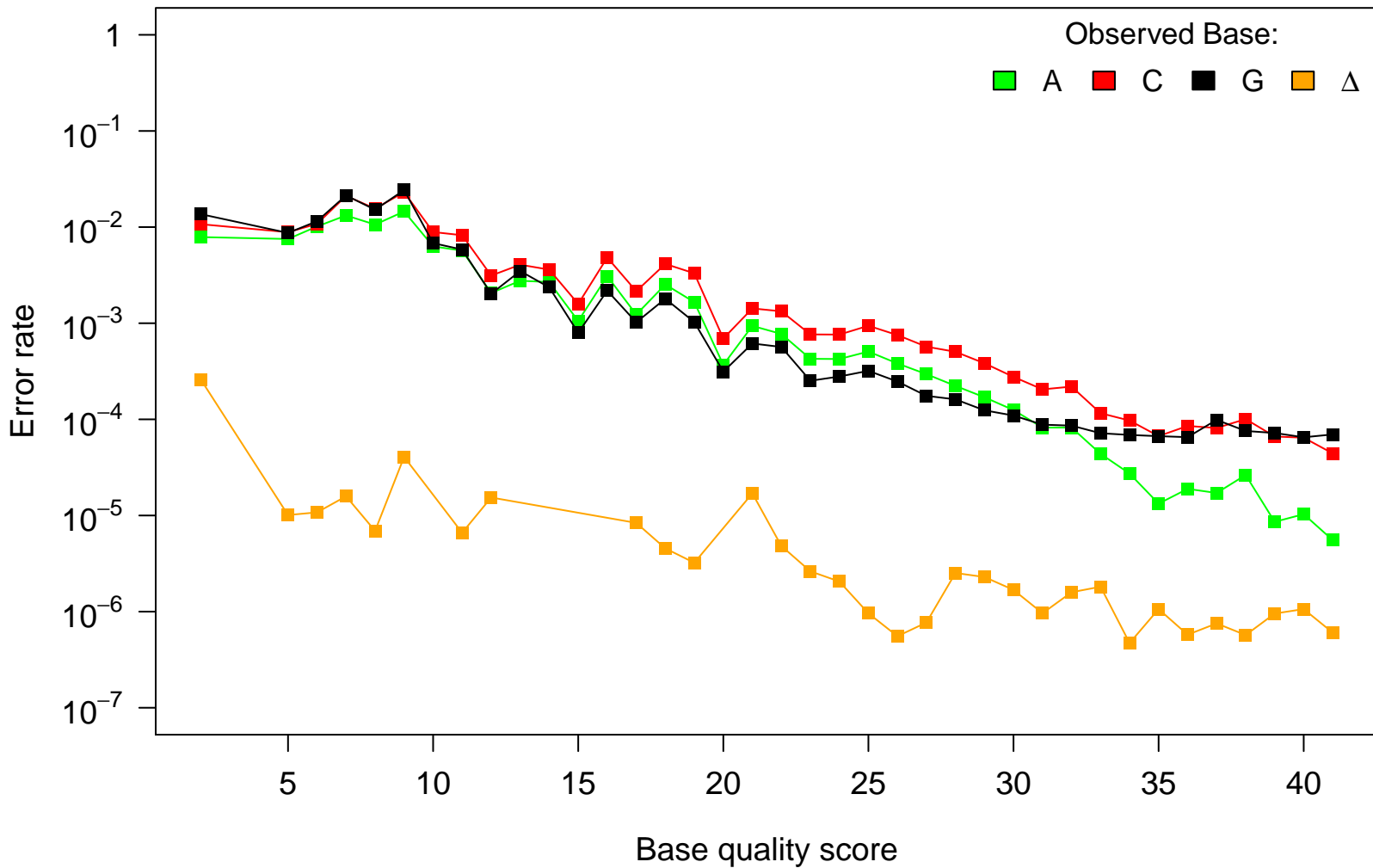
# Reference Base: A

Observed Base:

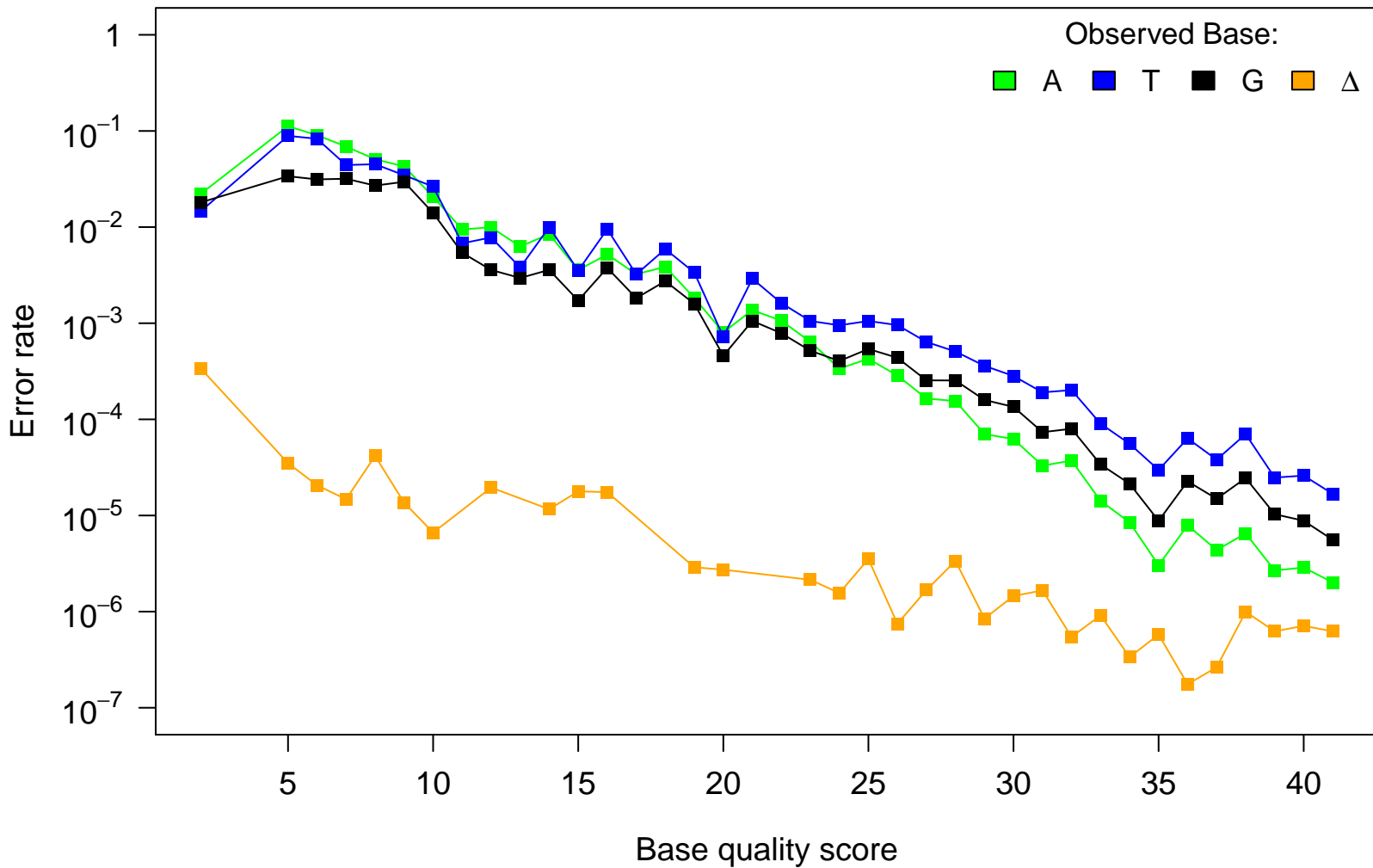
■ C ■ T ■ G ■ Δ



# Reference Base: T



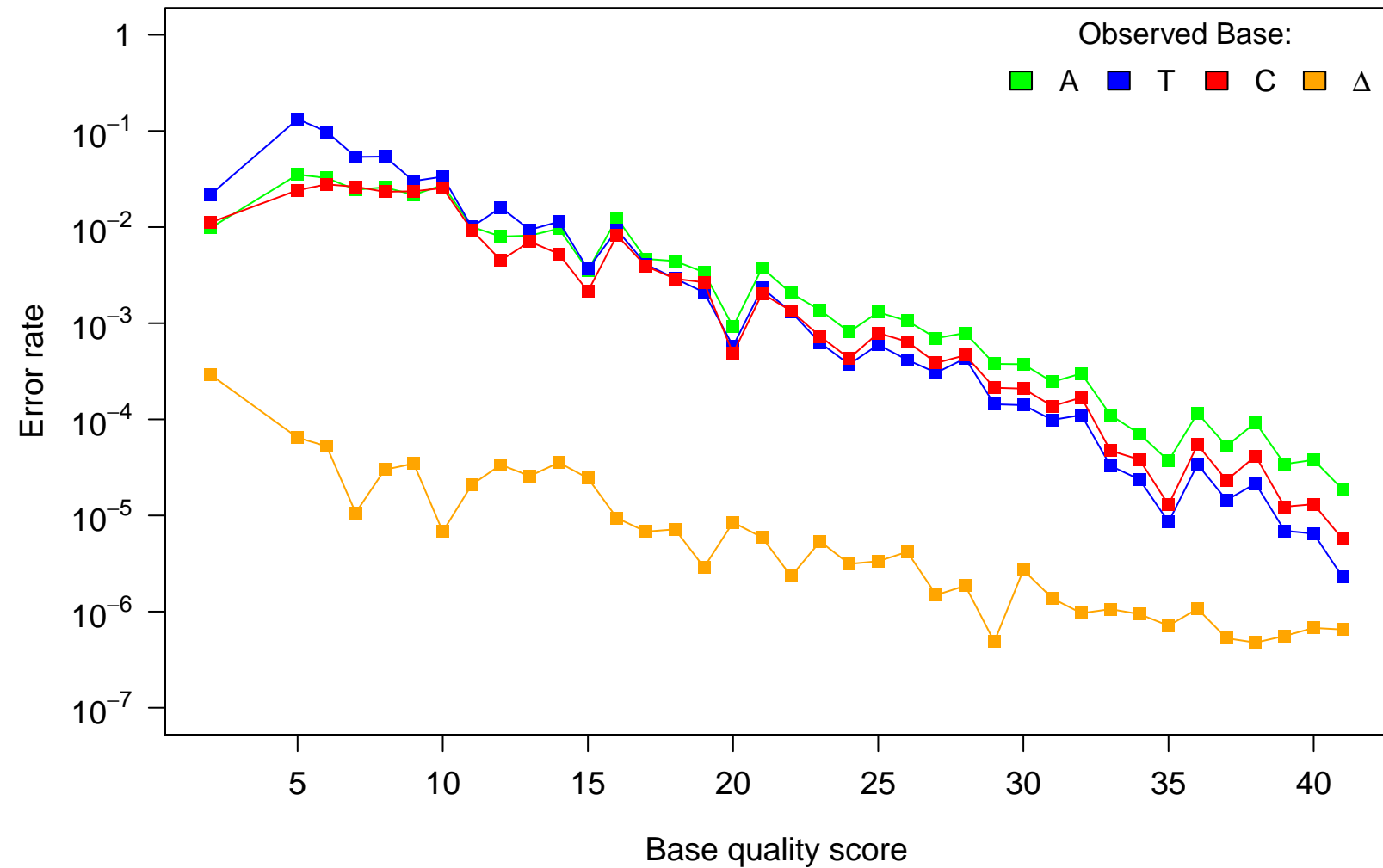
# Reference Base: C



# Reference Base: G

Observed Base:

A T C Δ



Reference Base:  $\Delta$

Observed Base:

■ A ■ T ■ C ■ G

Error rate

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

5

10

15

20

25

30

35

40

Base quality score

