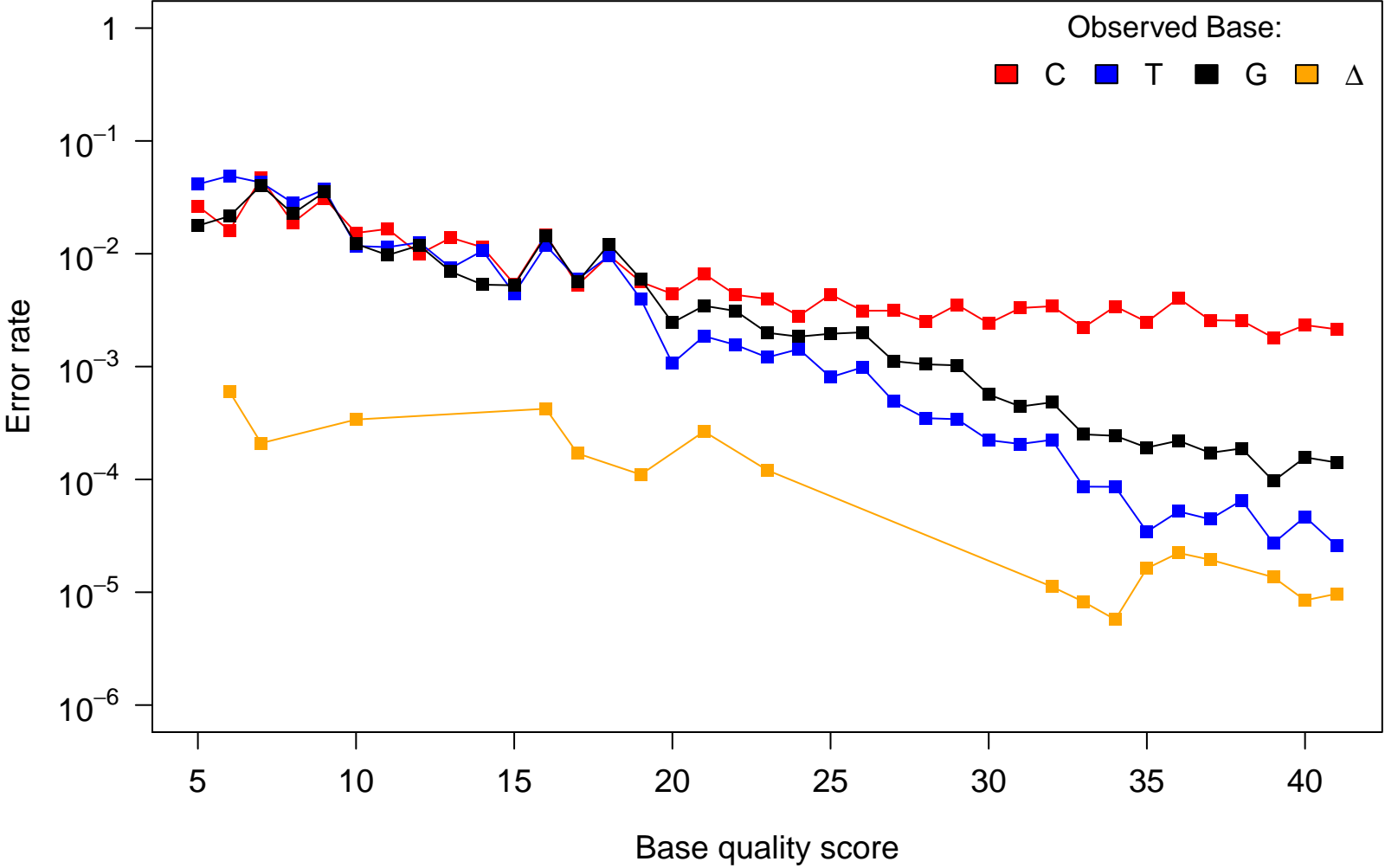


# Reference Base: A

Observed Base:

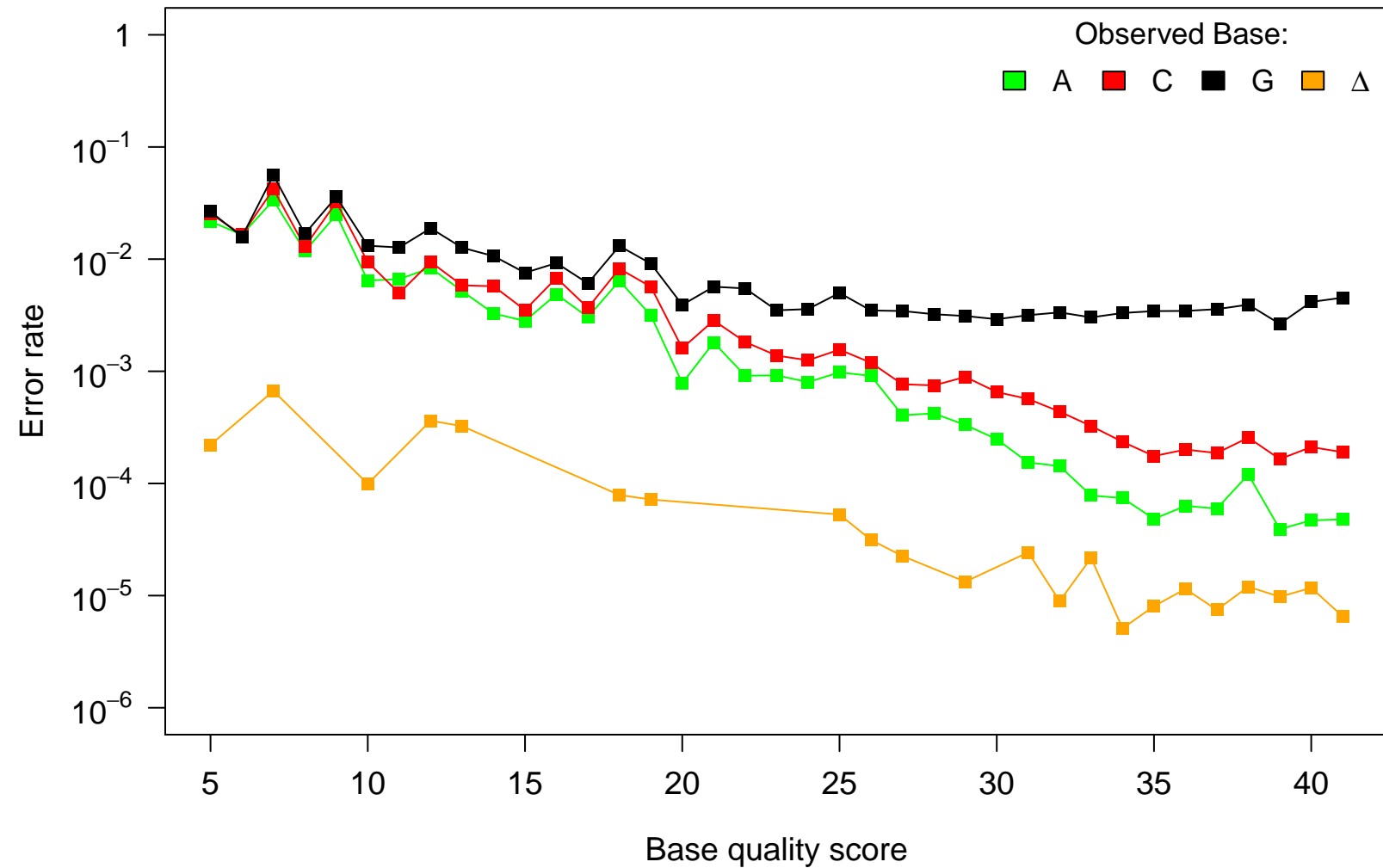
- C
- T
- G
- Δ



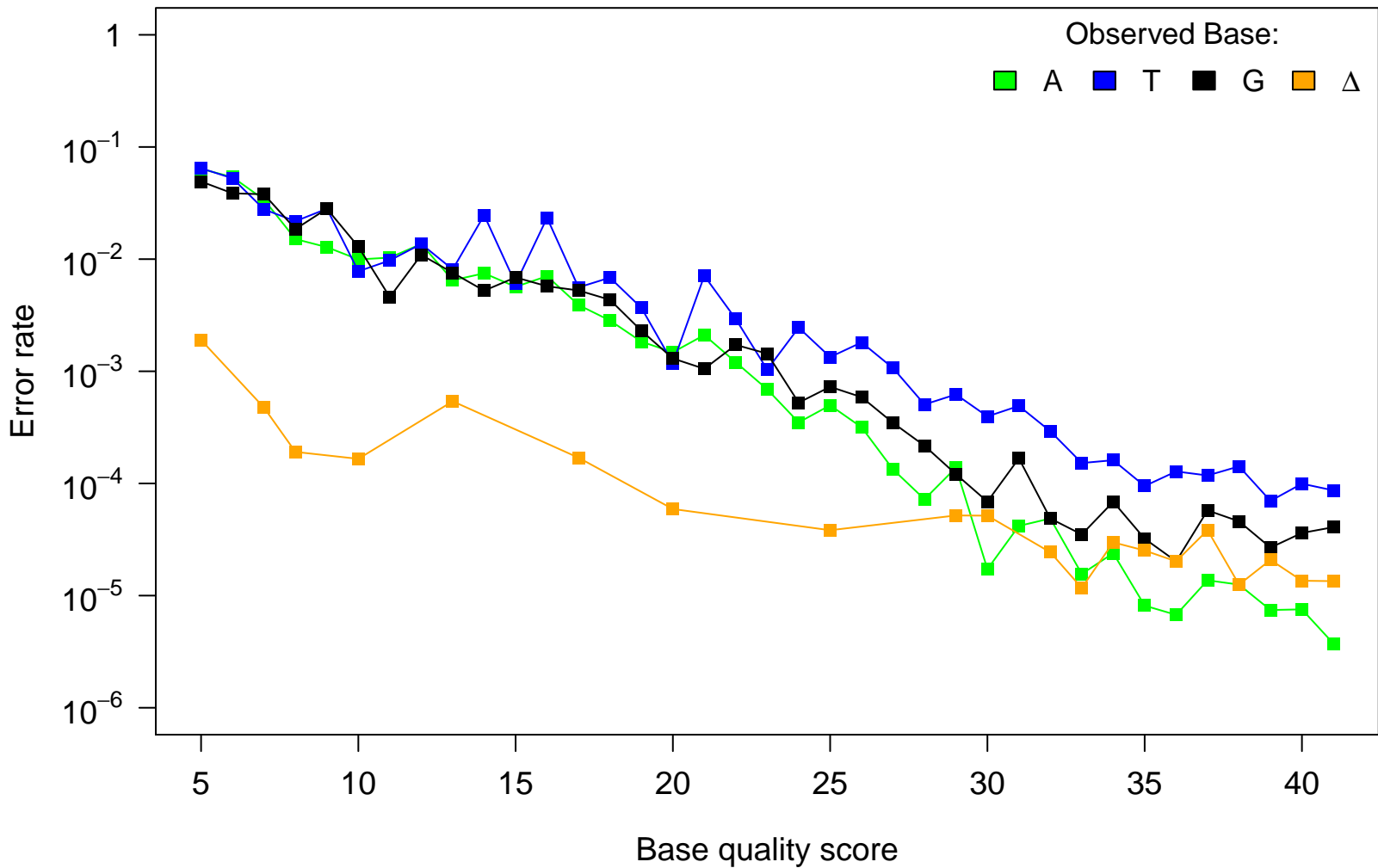
# Reference Base: T

Observed Base:

■ A ■ C ■ G ■ Δ



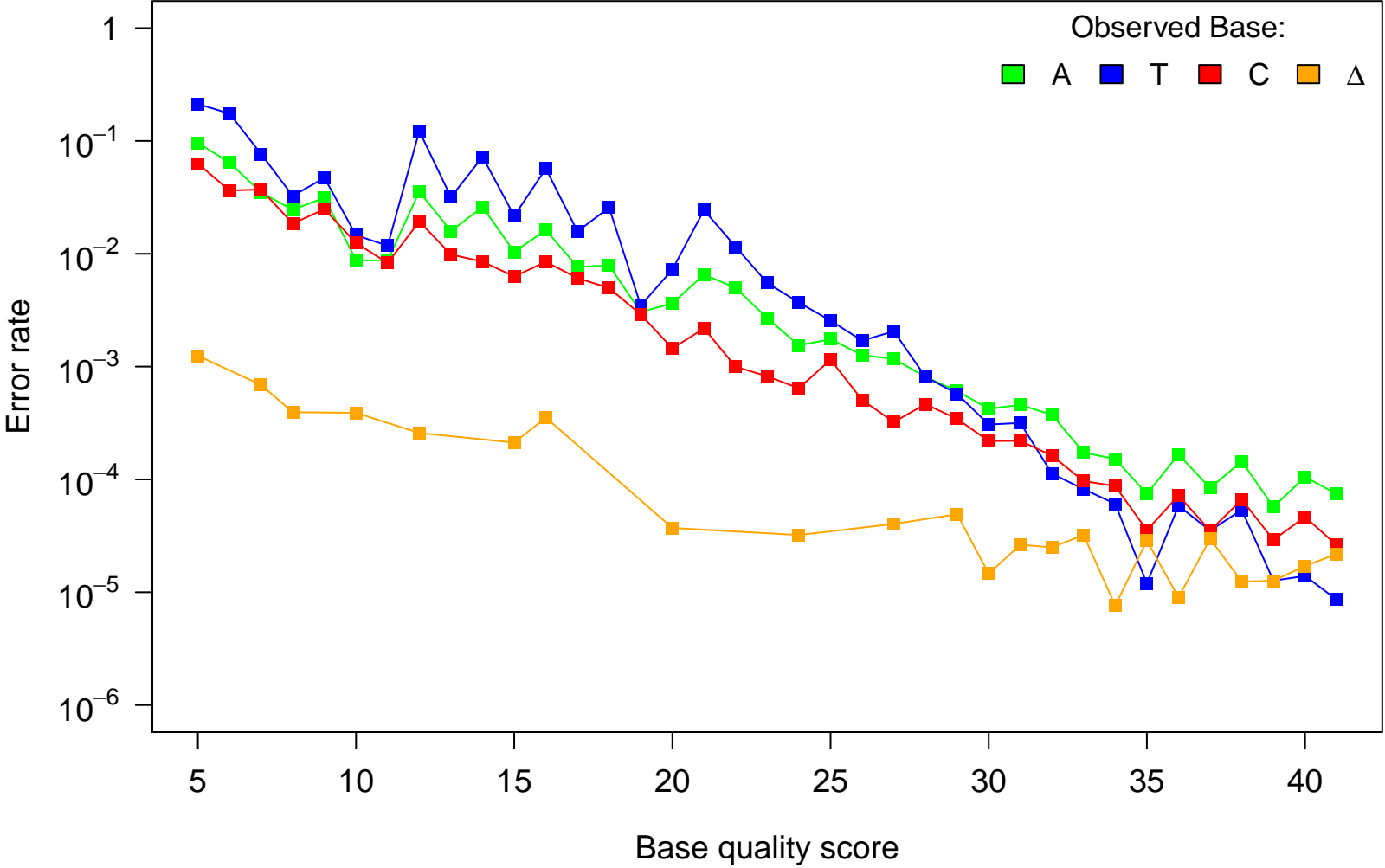
# Reference Base: C



# Reference Base: G

Observed Base:

- A
- T
- C
- Δ



Reference Base:  $\Delta$

Observed Base:

A T C G

Error rate

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

5 10 15 20 25 30 35 40

Base quality score

