

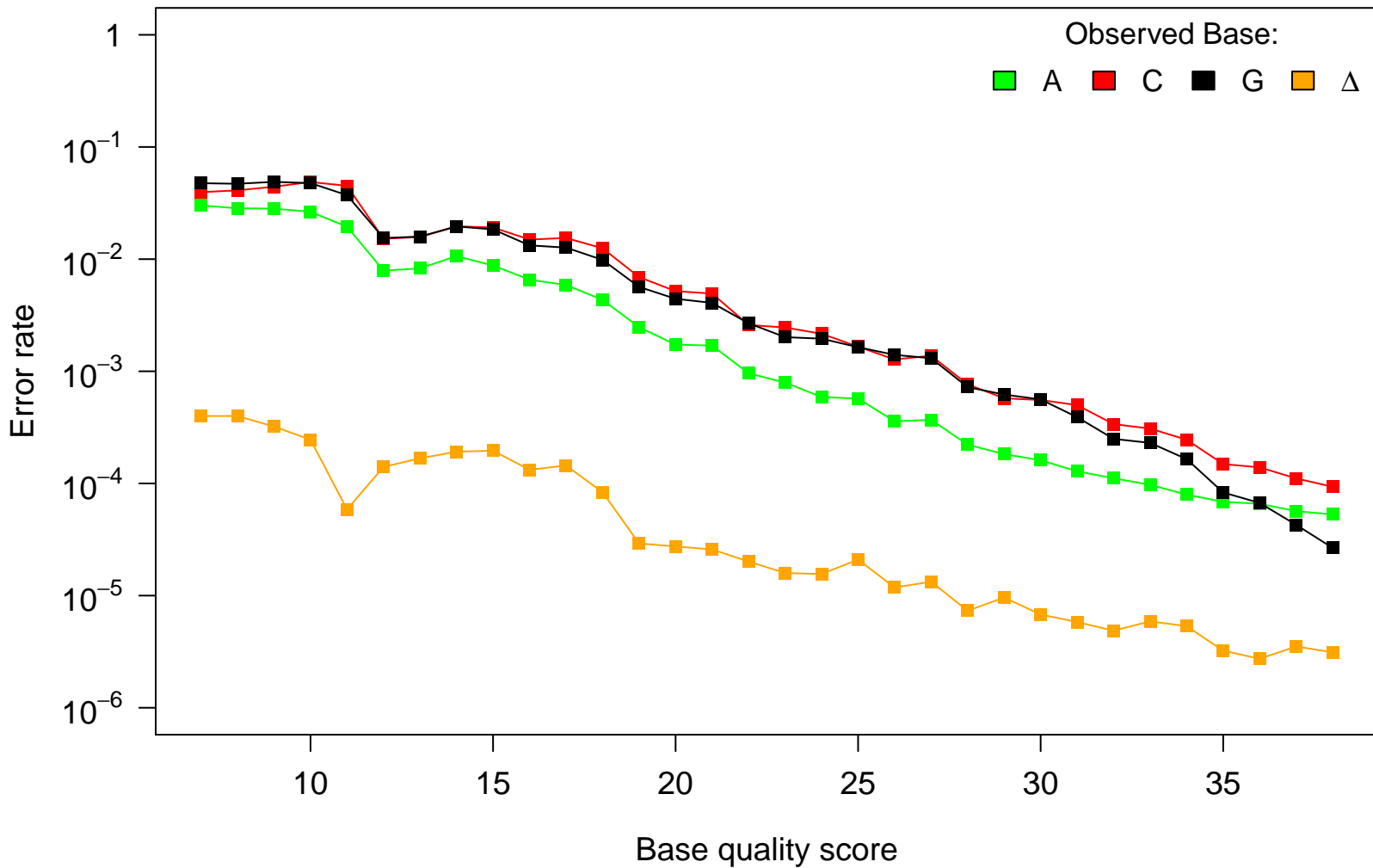
# Reference Base: A



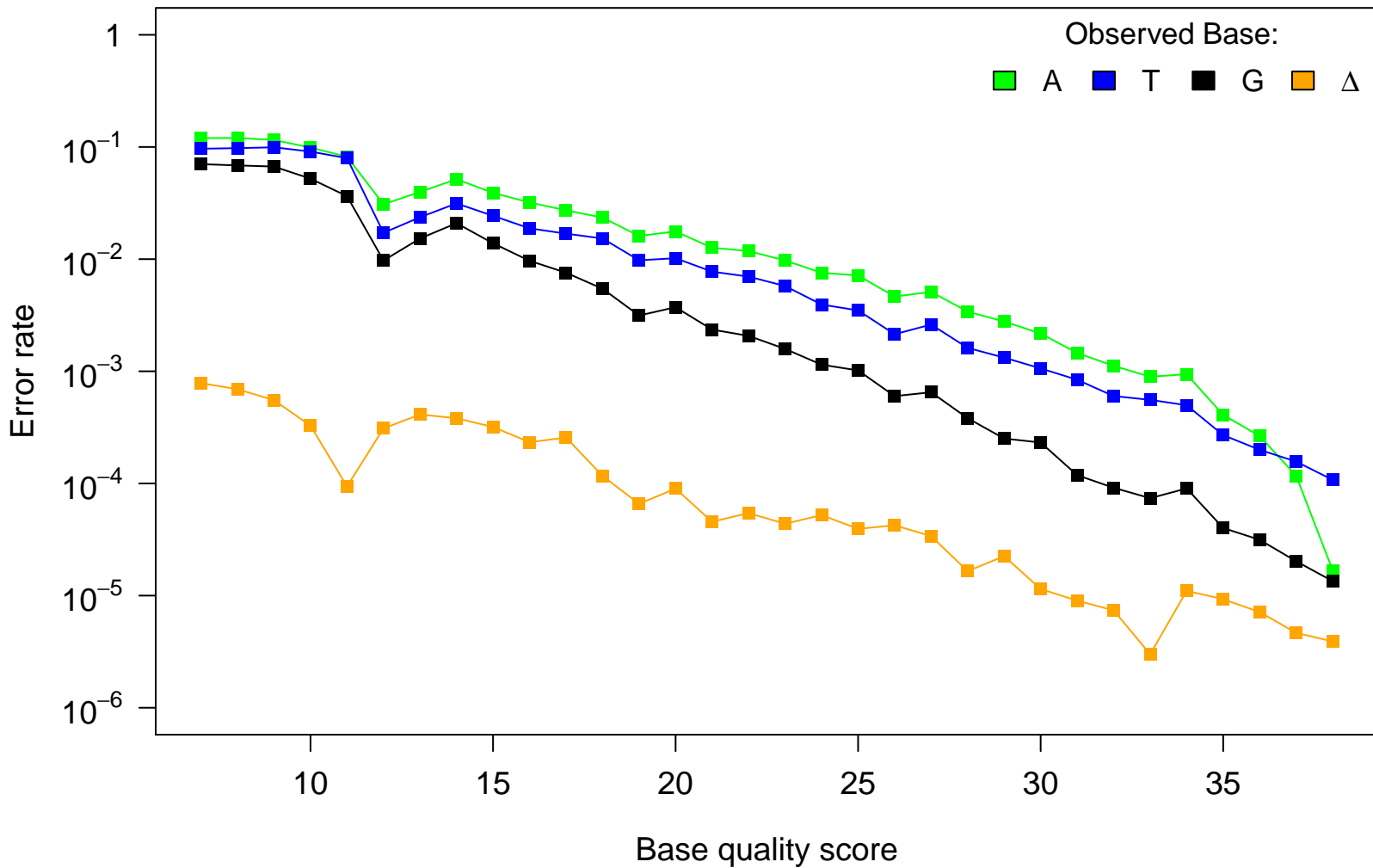
# Reference Base: T

Observed Base:

■ A ■ C ■ G ■ Δ



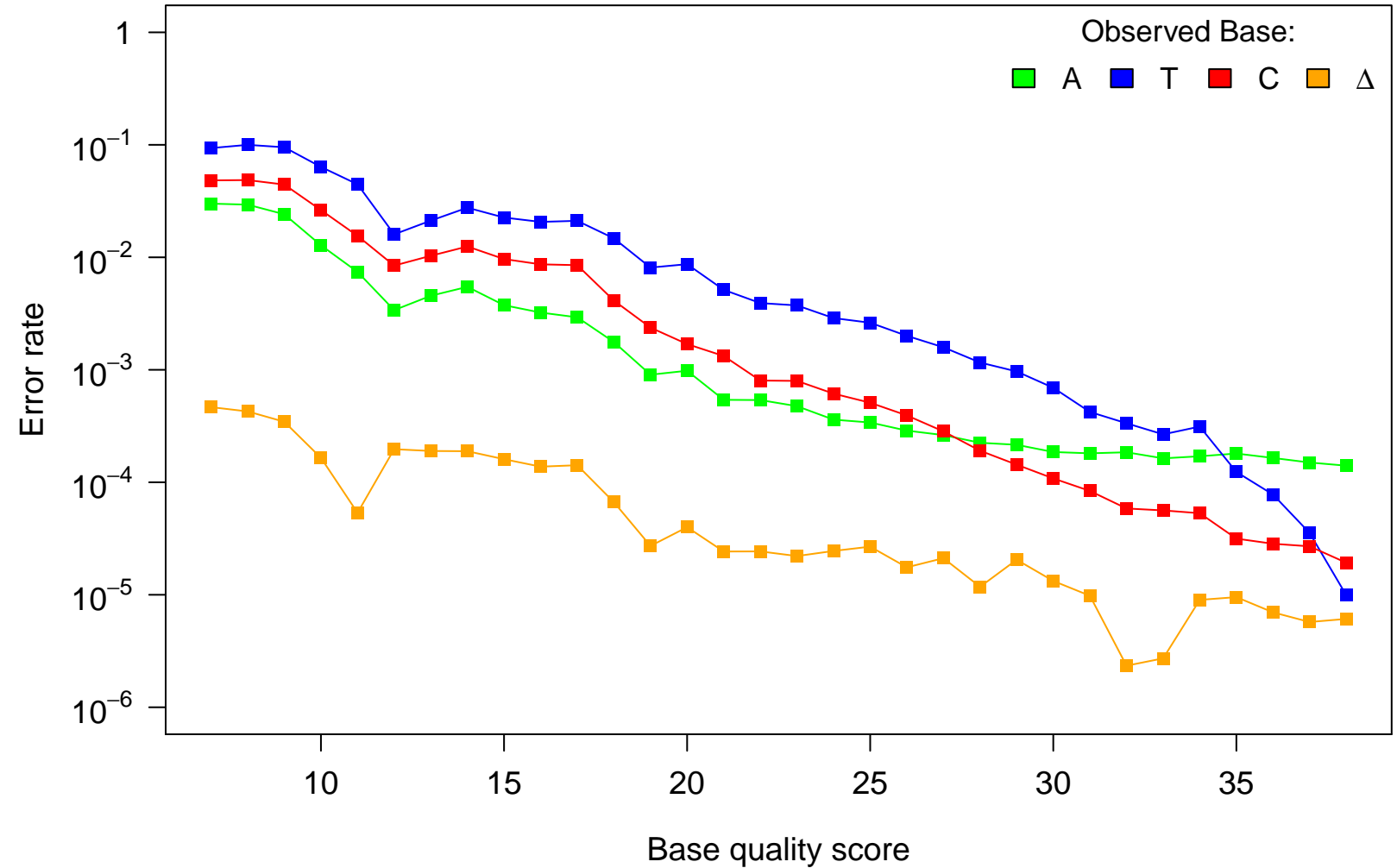
# Reference Base: C



# Reference Base: G

Observed Base:

■ A ■ T ■ C ■ Δ



Reference Base:  $\Delta$

Observed Base:

A T C G

Error rate

Base quality score

