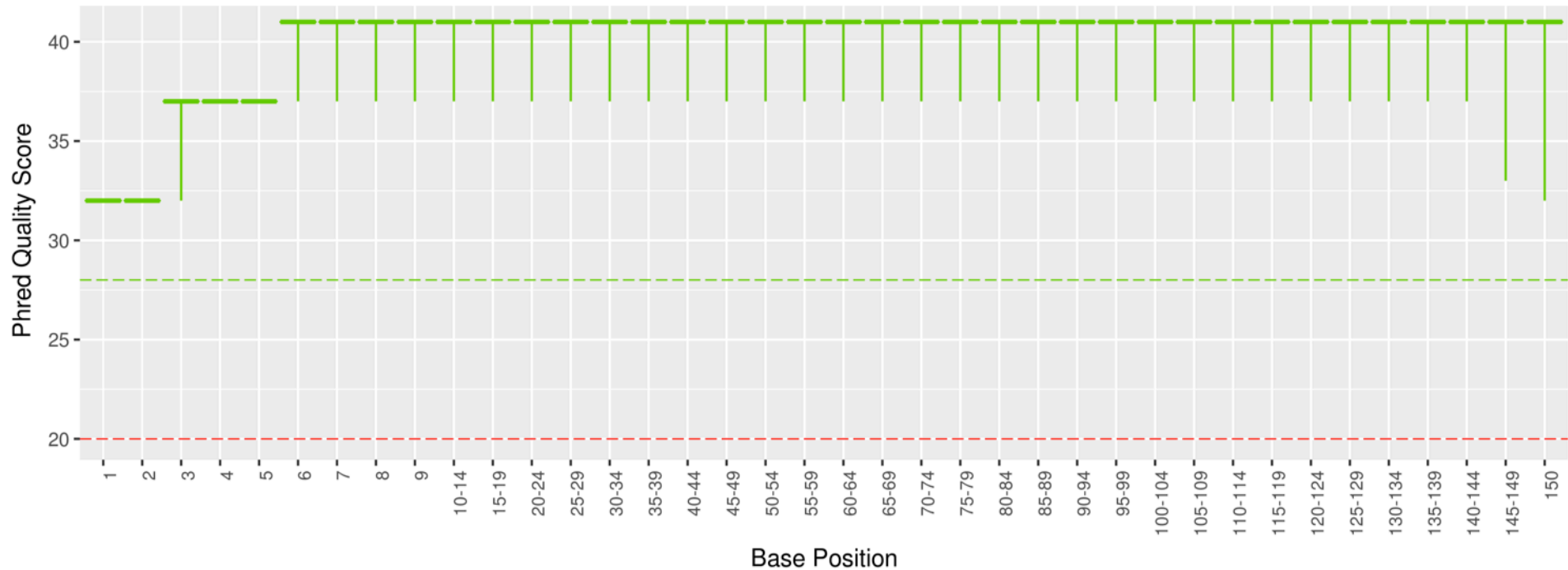


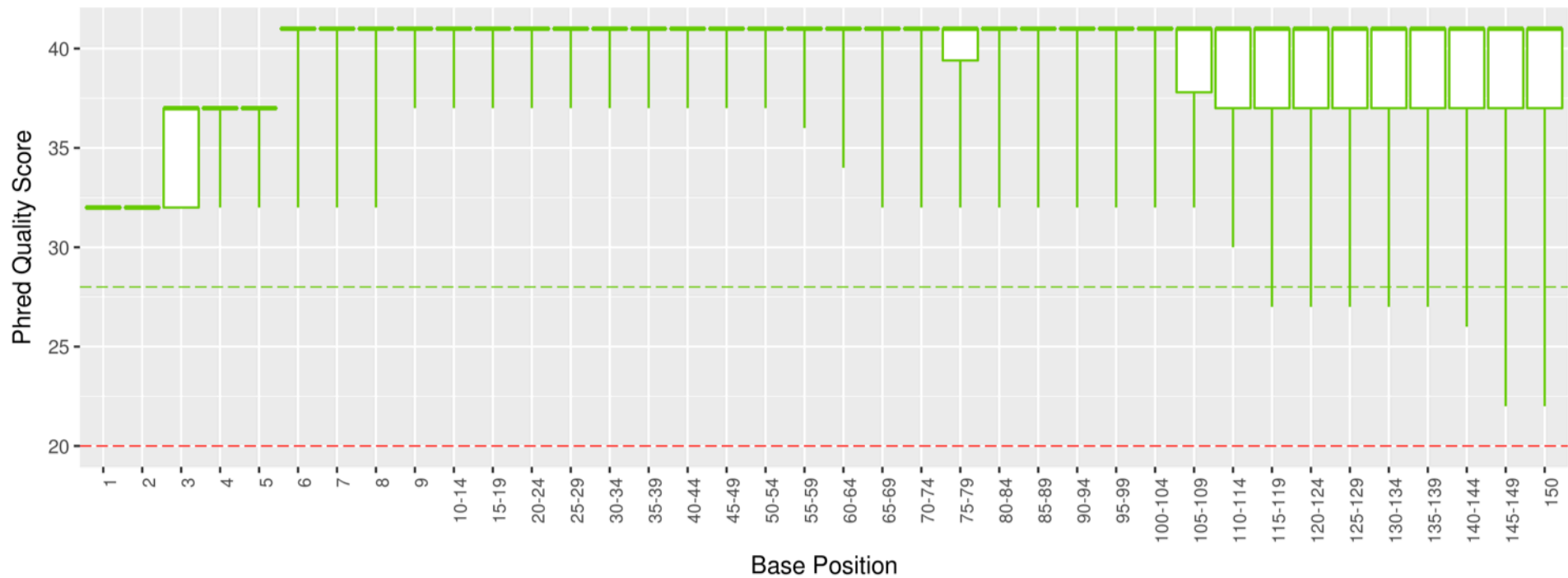
# **Additional file 1: Figure S1**

**Base quality distribution of raw reads  
and trimmed paired-end reads**

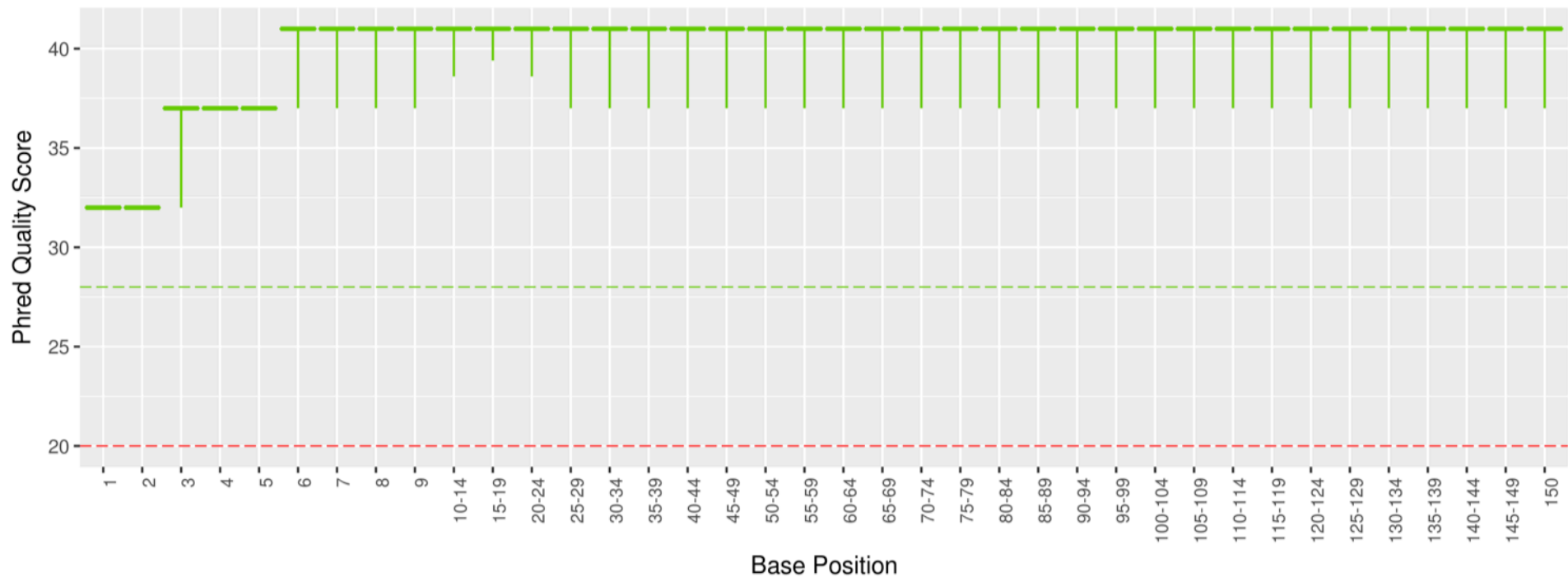
Male replicate 1\_R1: Base Quality Distribution



Male replicate 1\_R2: Base Quality Distribution



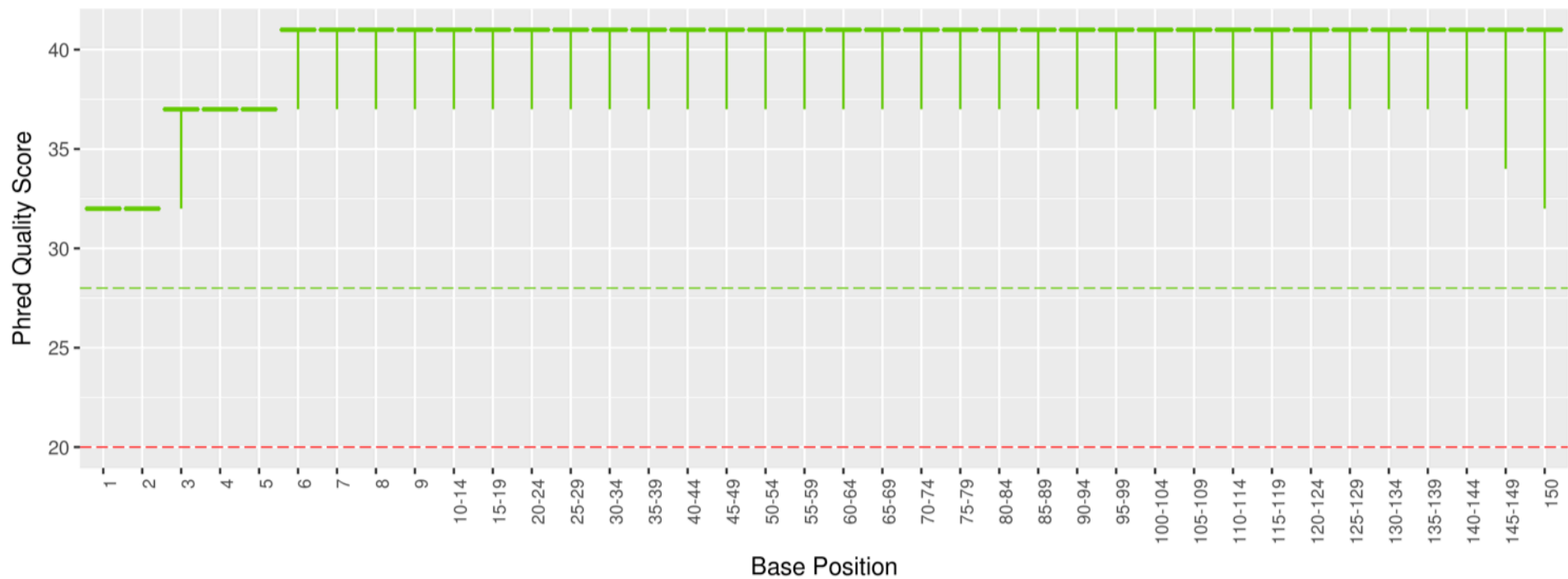
Male replicate 2\_R1: Base Quality Distribution



Male replicate 2\_R2: Base Quality Distribution



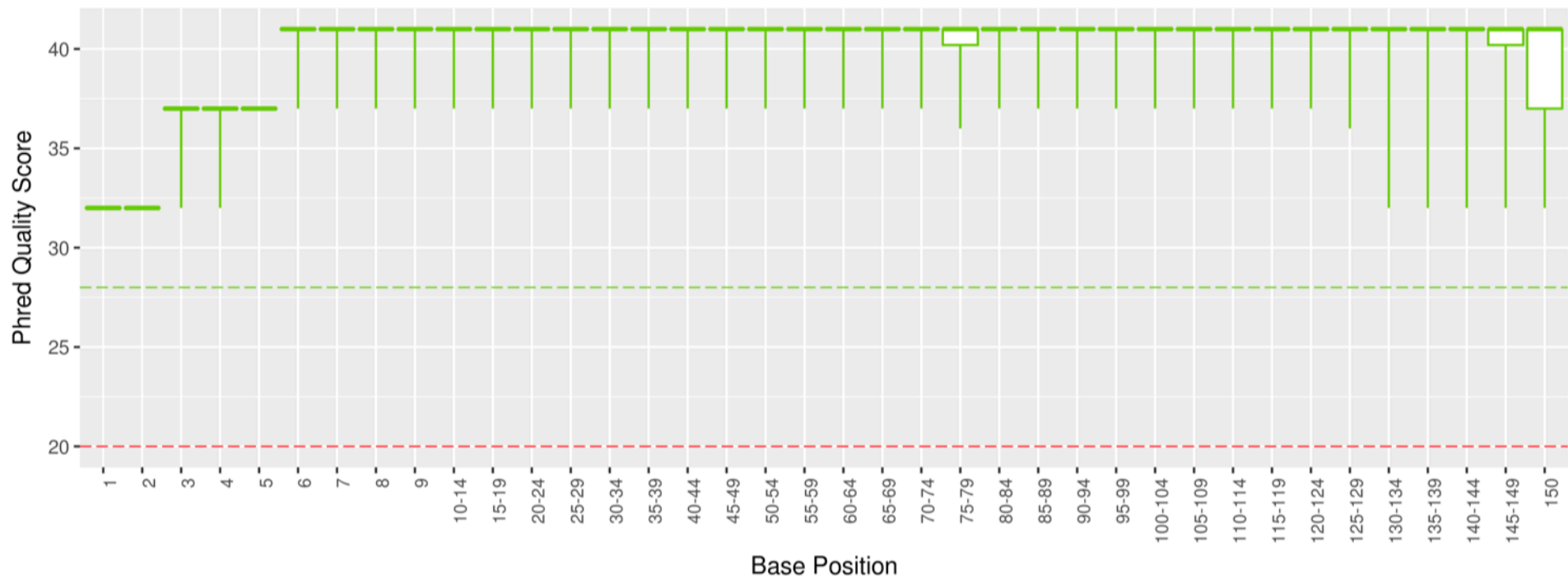
Male replicate 3\_R1: Base Quality Distribution



Male replicate 3\_R2: Base Quality Distribution

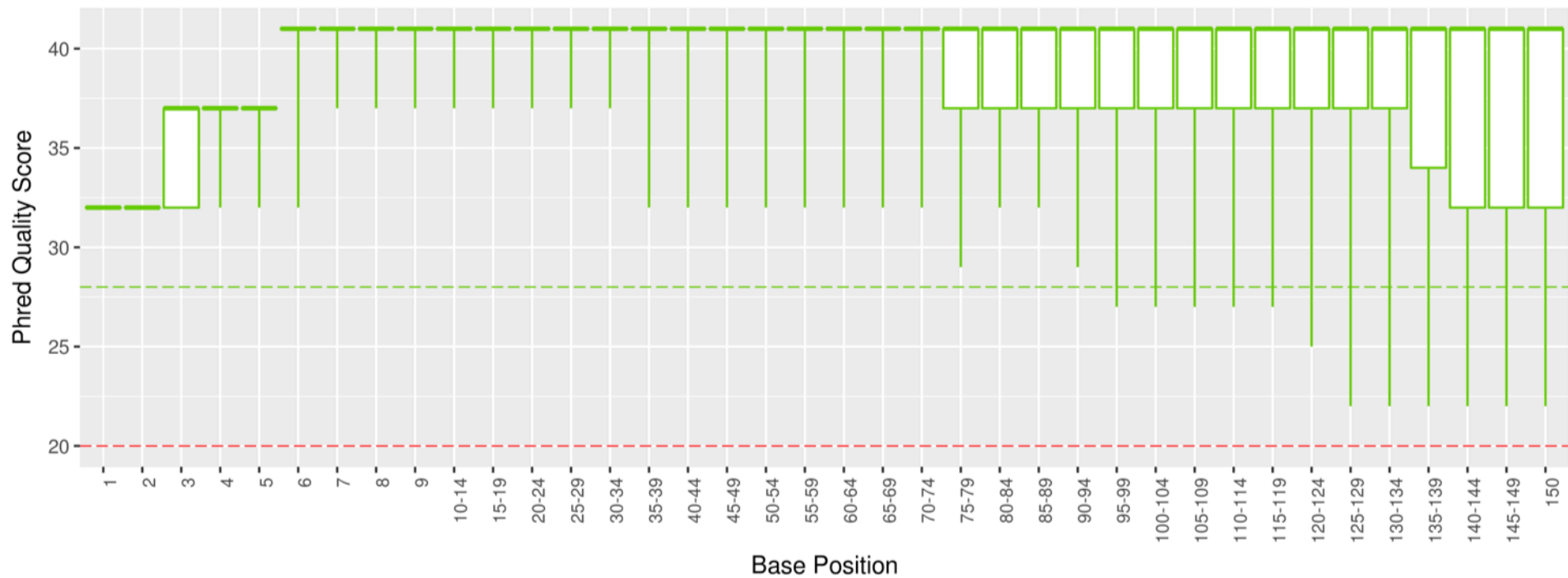


Female replicate 1\_R1: Base Quality Distribution

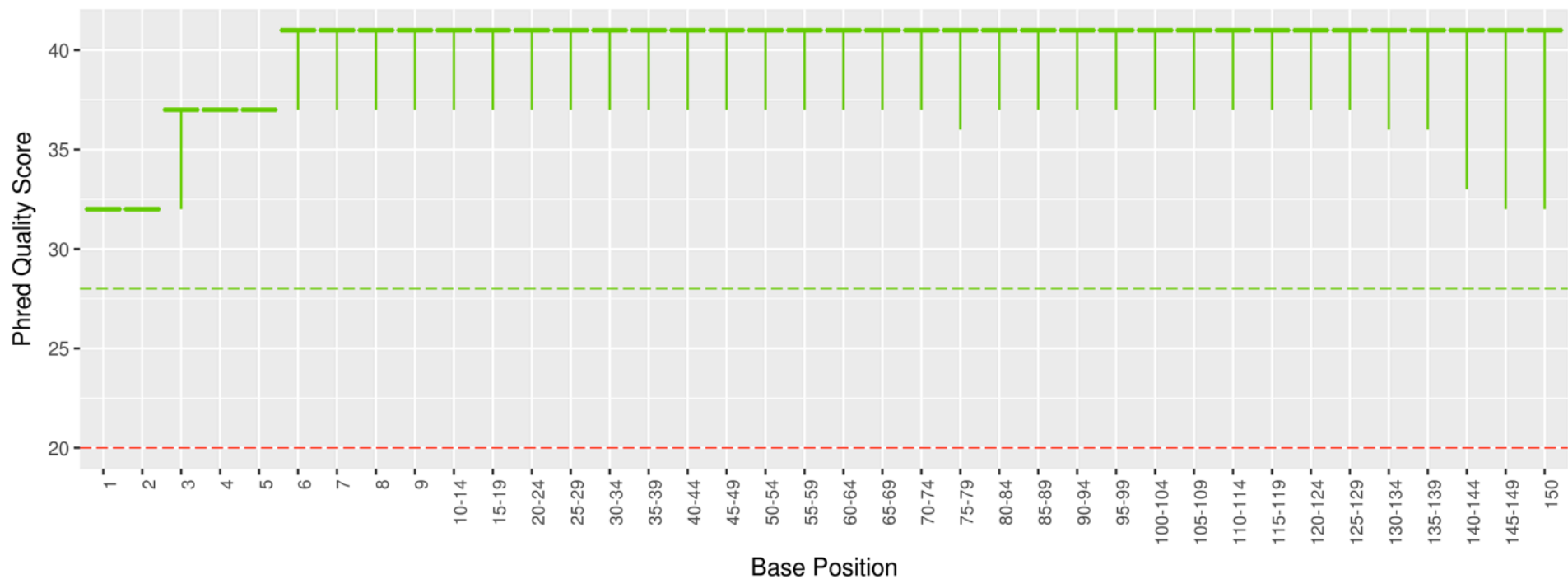




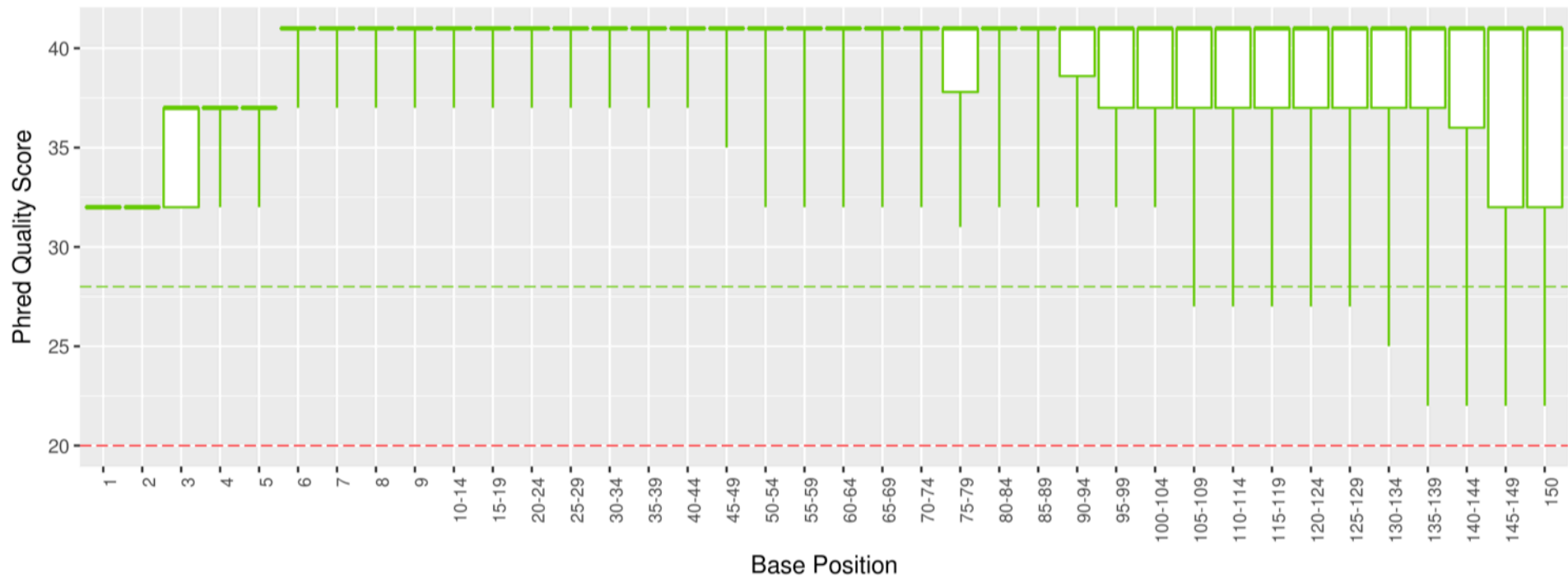
Female replicate 1\_R2: Base Quality Distribution



Female replicate 2\_R1: Base Quality Distribution



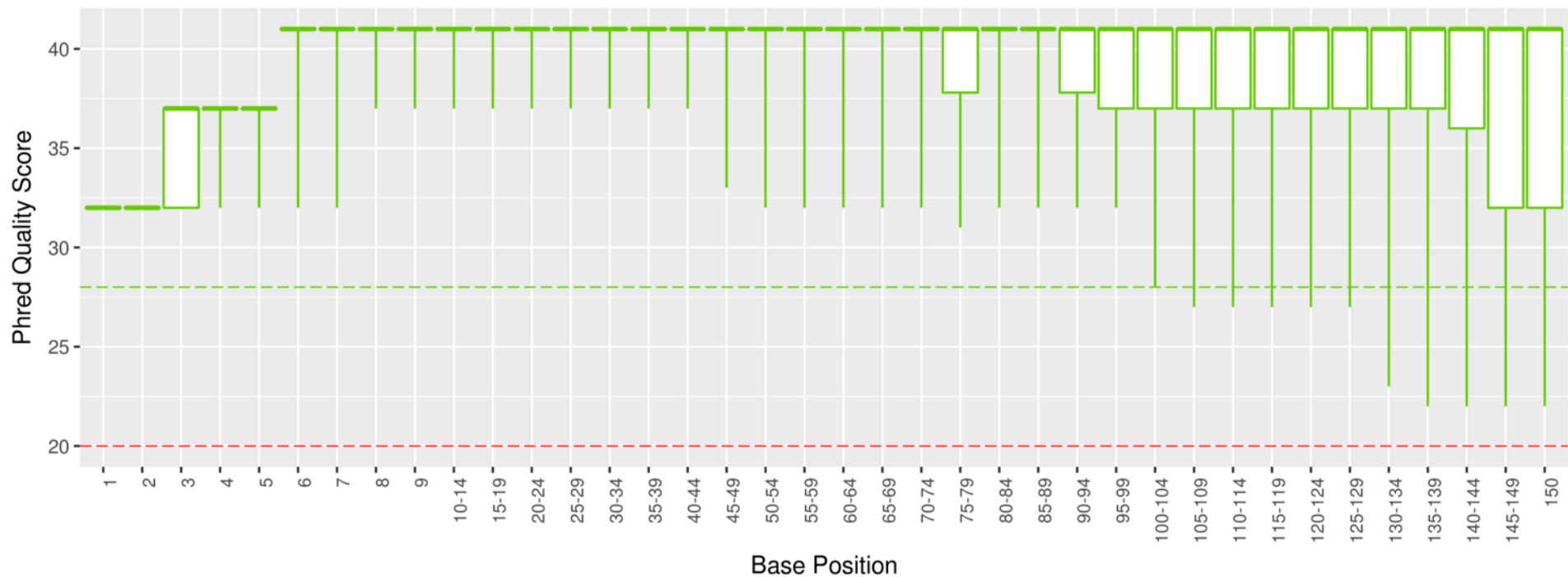
Female replicate 2\_R2: Base Quality Distribution



## Female replicate 3\_R1: Base Quality Distribution

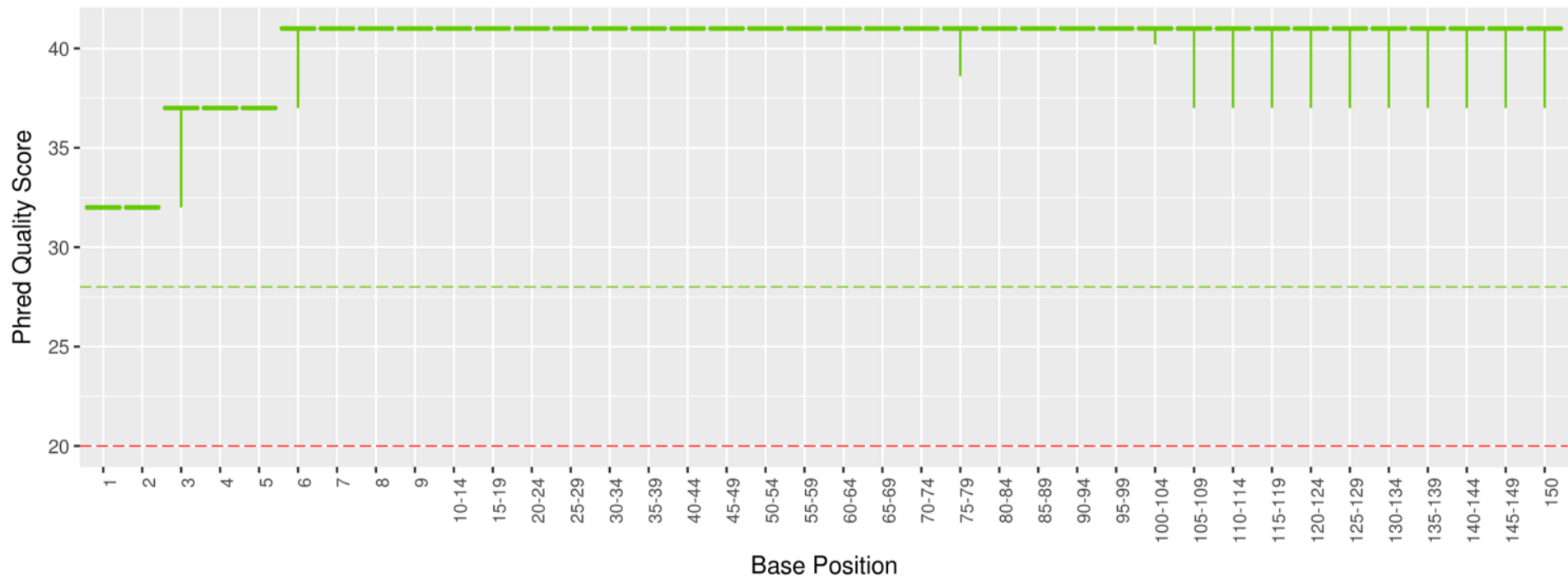


Female replicate 3\_R2: Base Quality Distribution

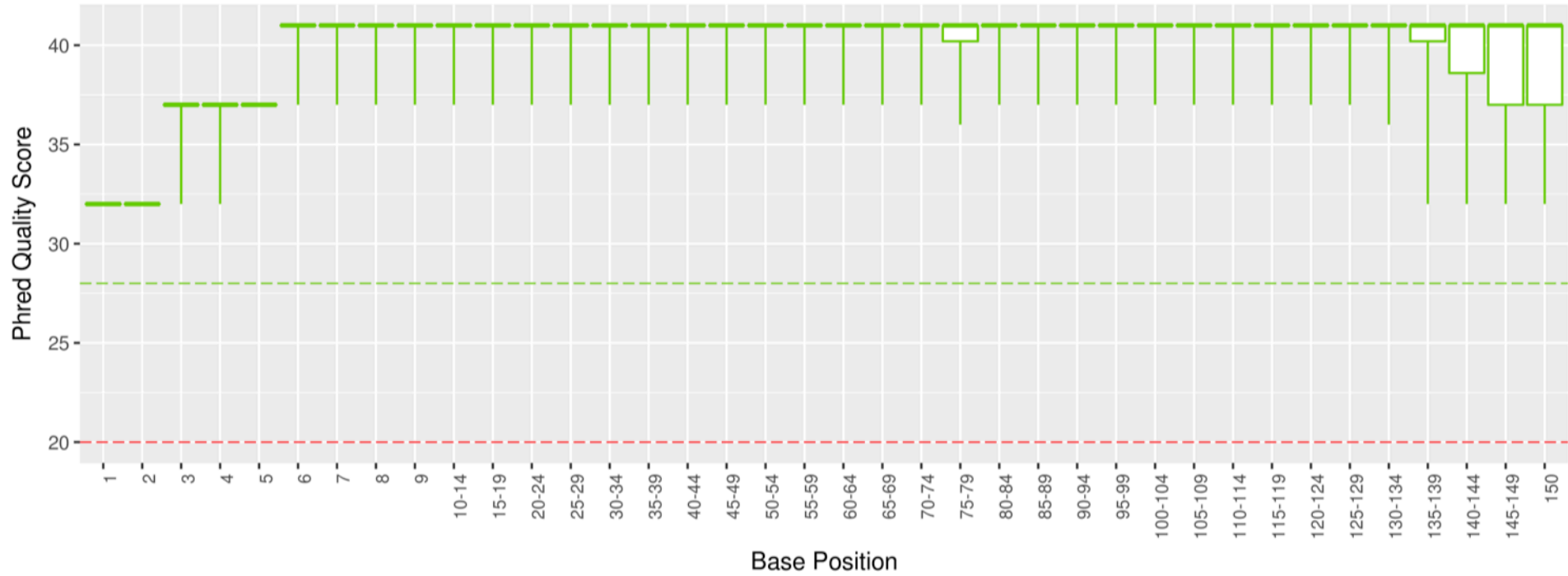


# Trimmed Read Quality

Male replicate 1\_R1-paired: Base Quality Distribution



Male replicate 1\_R2-paired: Base Quality Distribution

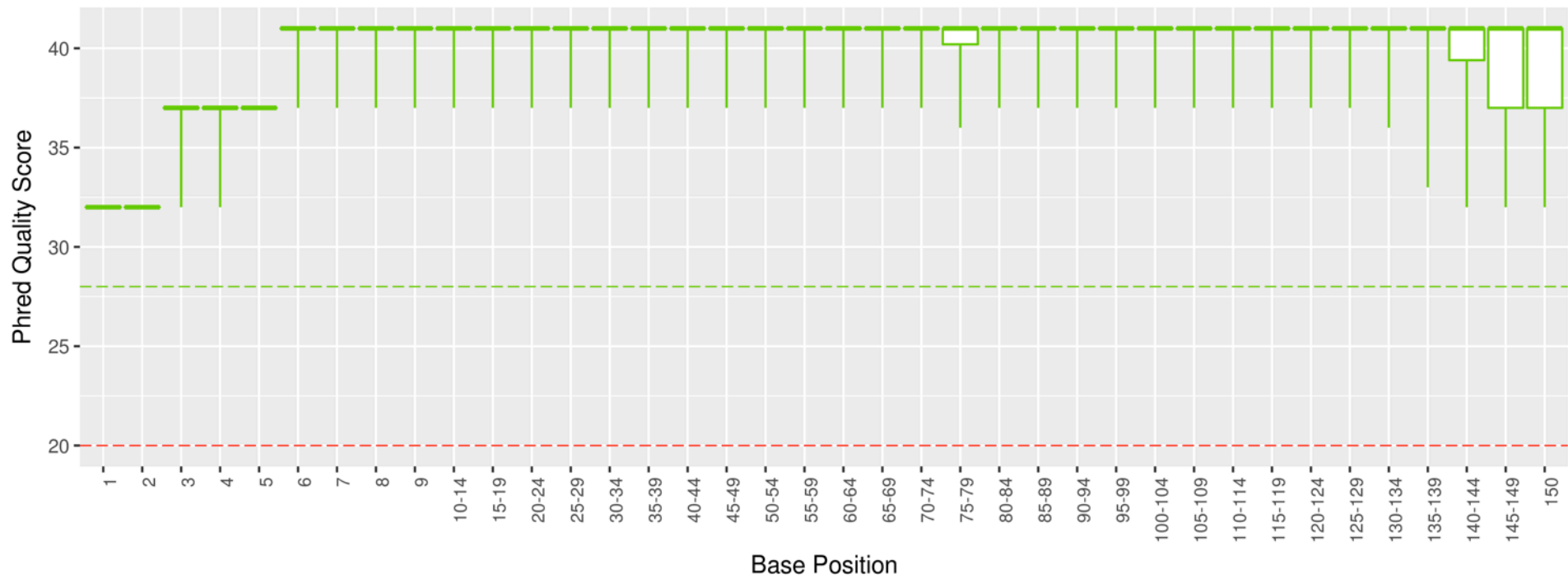




Male replicate 2\_R1-paired: Base Quality Distribution



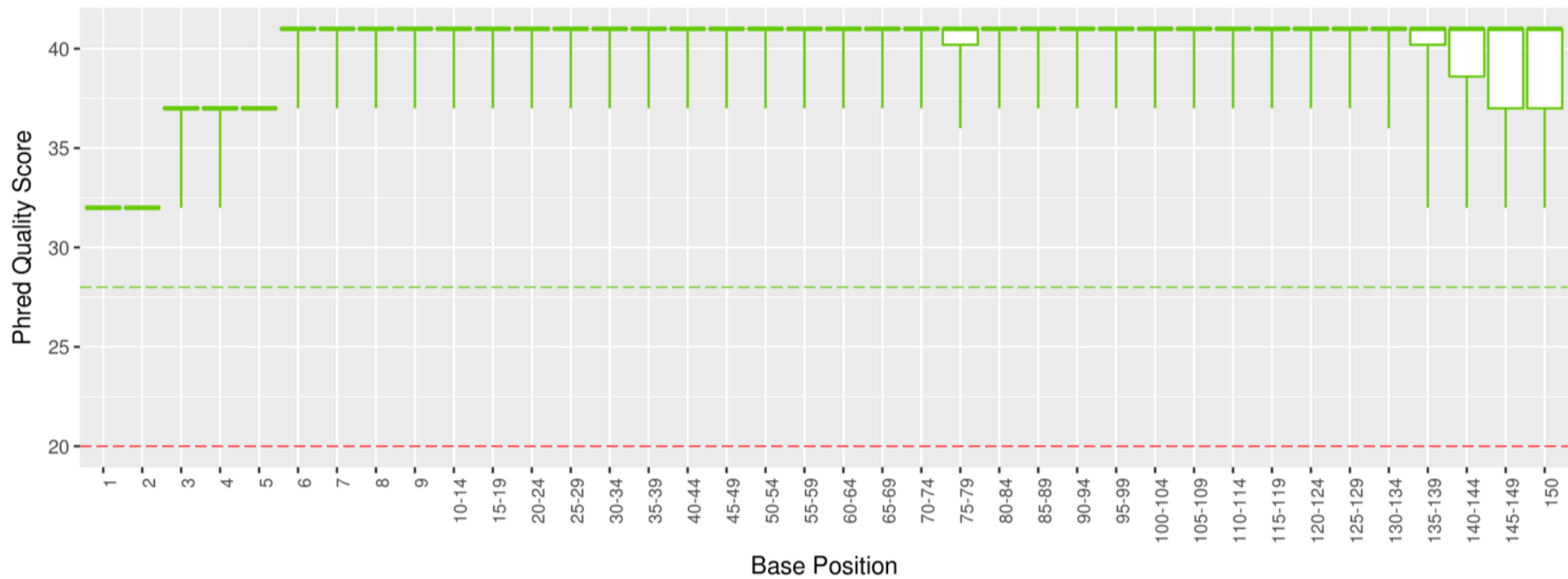
Male replicate 2\_R2-paired: Base Quality Distribution



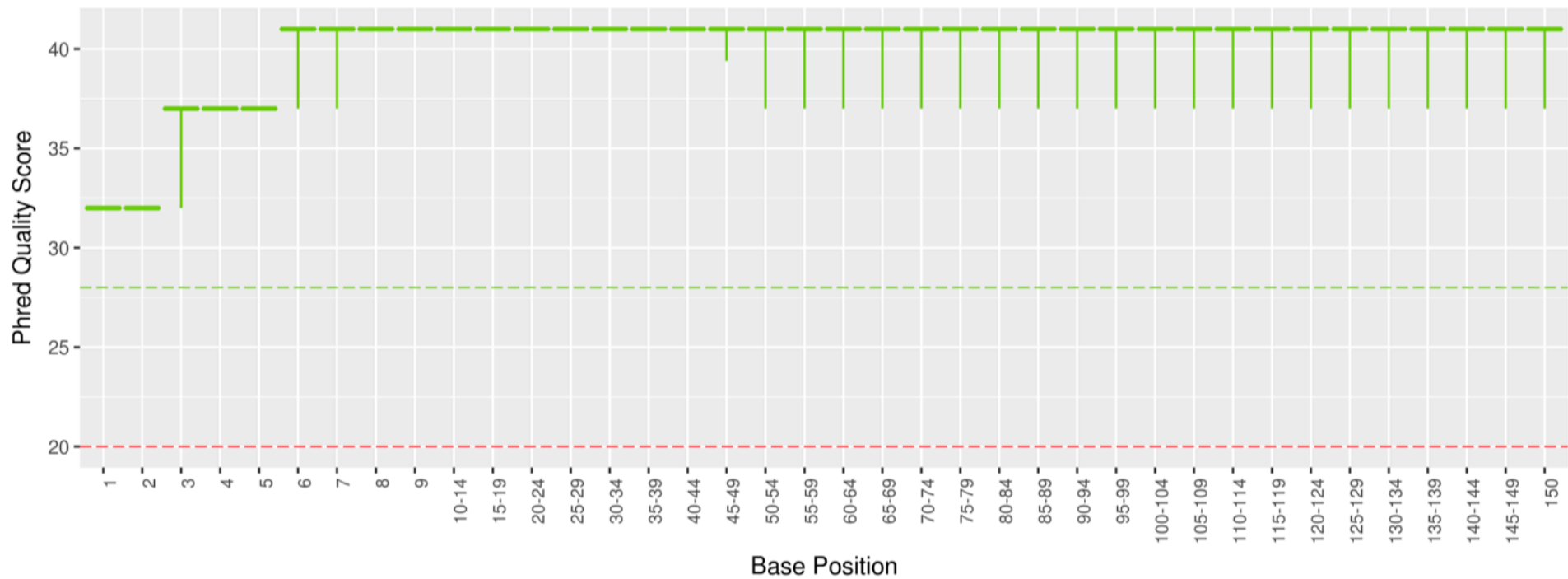
Male replicate 3\_R1-paired: Base Quality Distribution



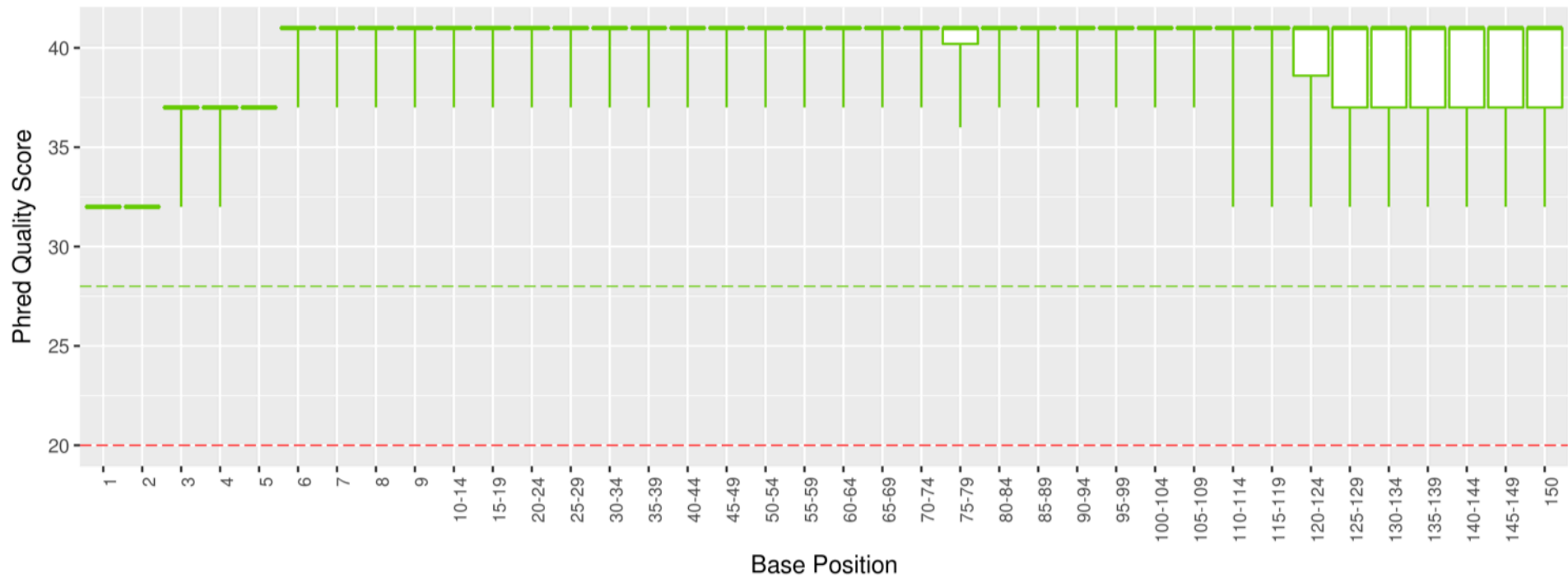
Male replicate 3\_R2-paired: Base Quality Distribution



Female replicate 1\_R1-paired: Base Quality Distribution



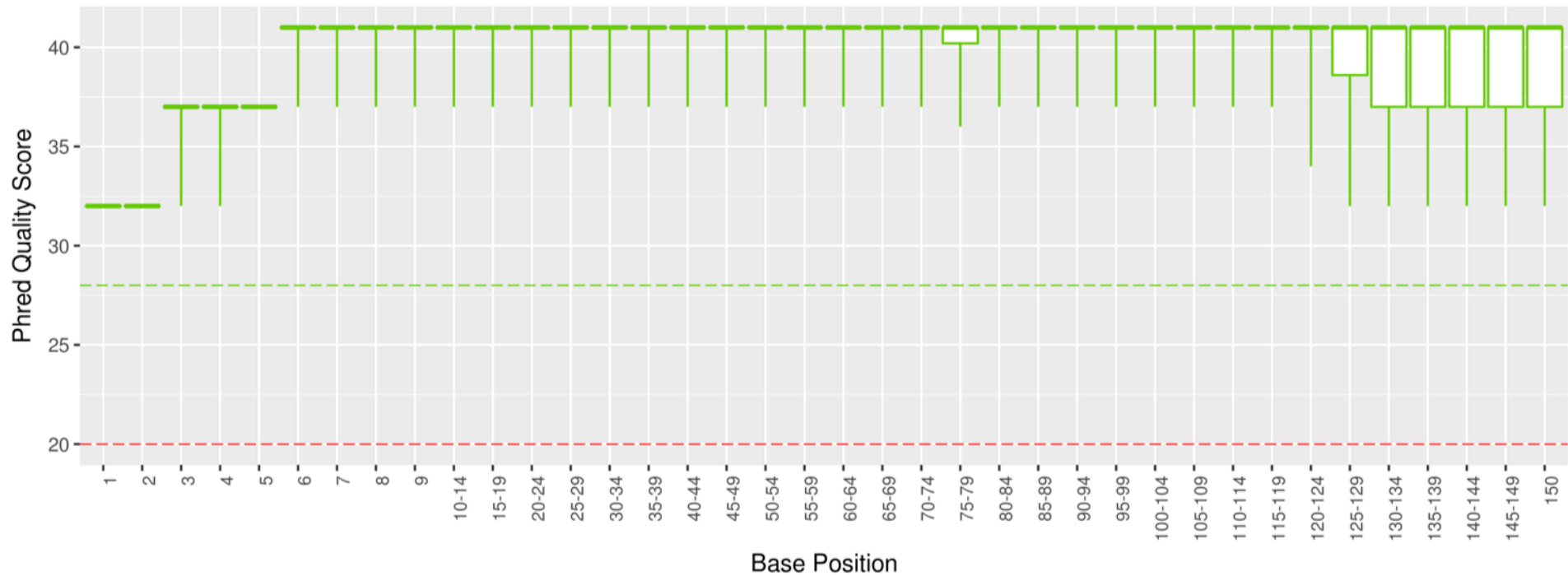
Female replicate 1\_R2-paired: Base Quality Distribution



Female replicate 2\_R1-paired: Base Quality Distribution

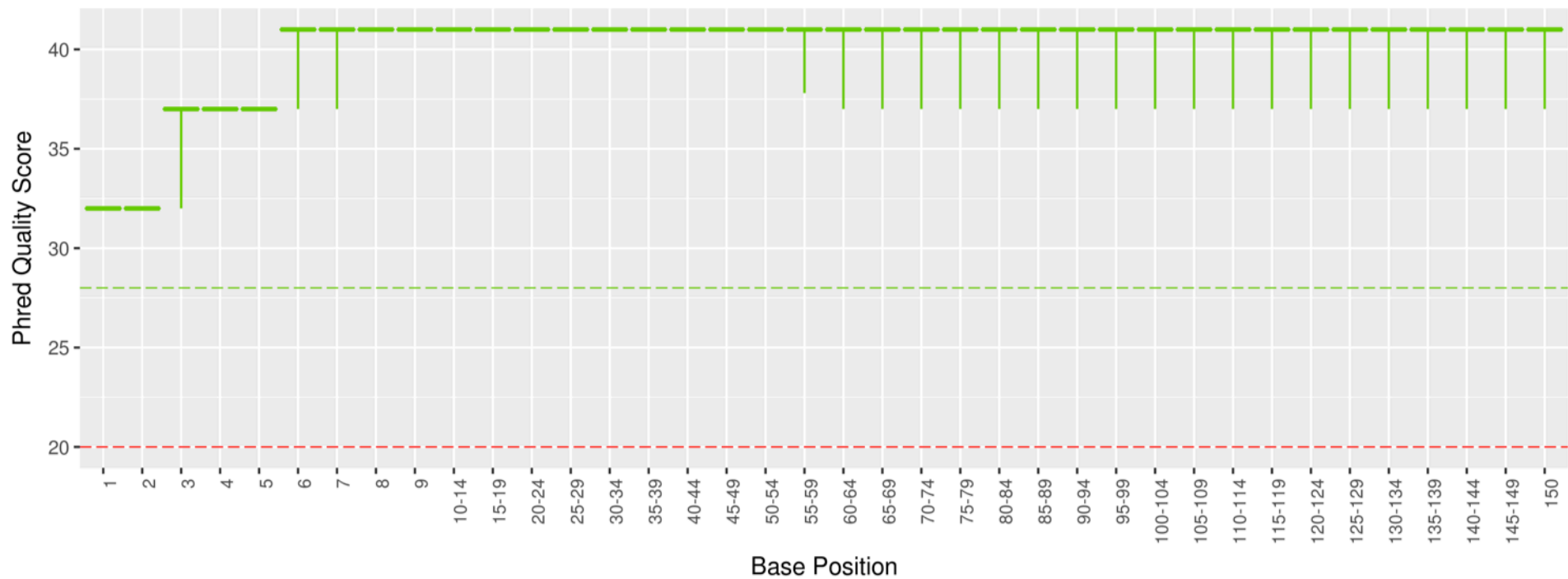


Female replicate 2\_R2-paired: Base Quality Distribution





Female replicate 3\_R1-paired: Base Quality Distribution



Female replicate 3\_R2-paired: Base Quality Distribution

