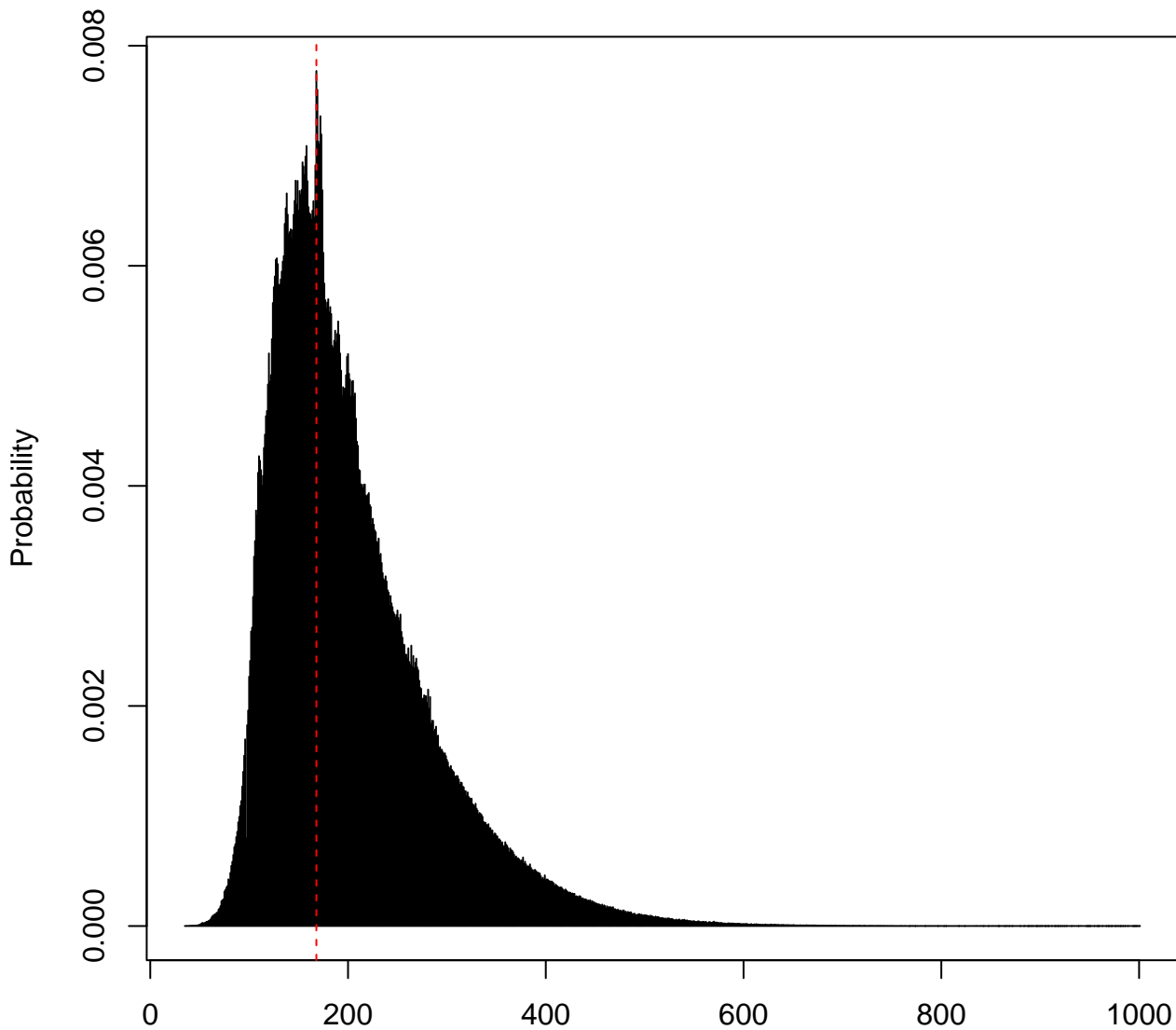**Fragment Length Distribution**
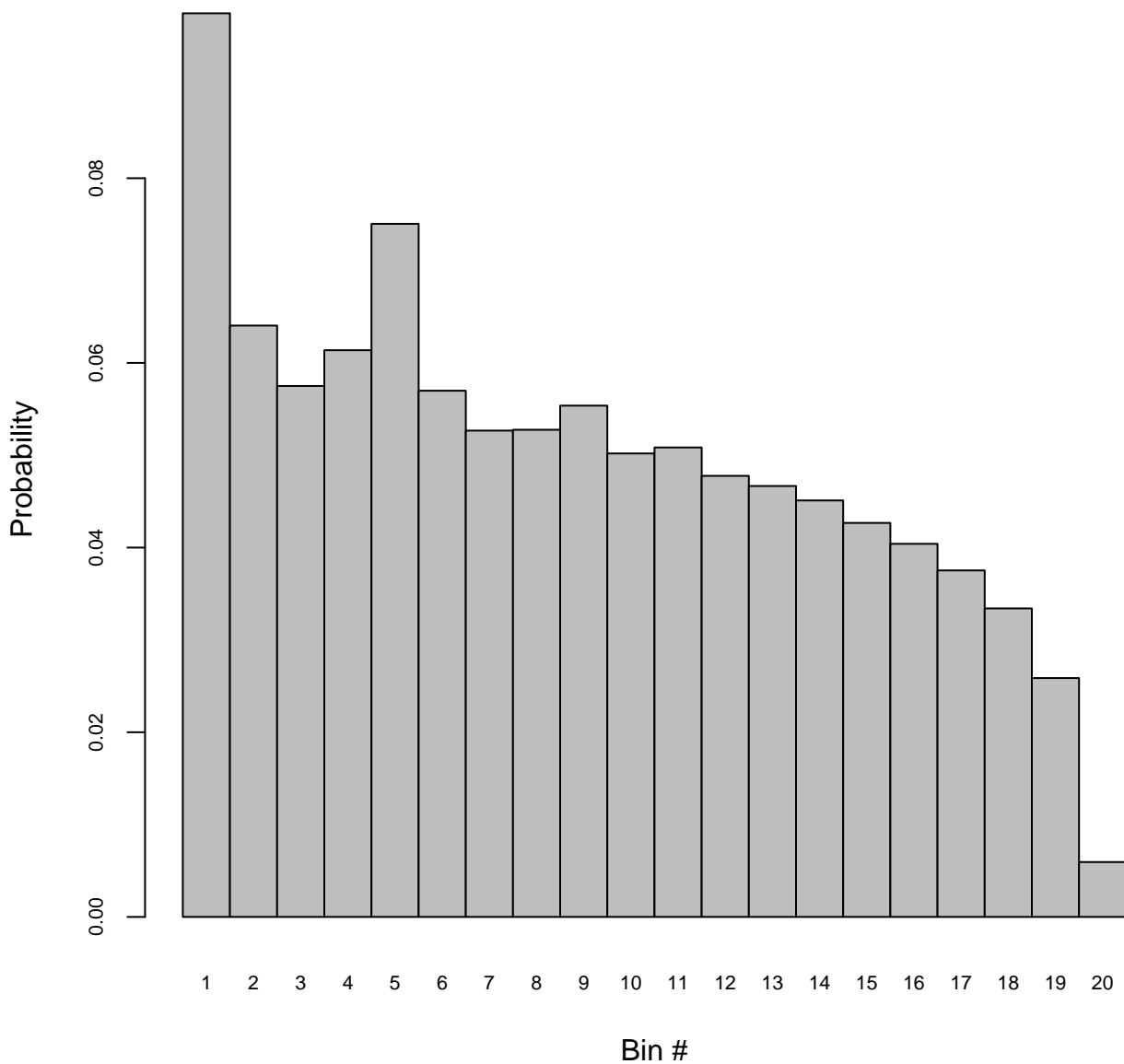
Probability

Fragment Length
Mode = 168, Mean = 202.0, and Std = 80.8

Read Length Distribution
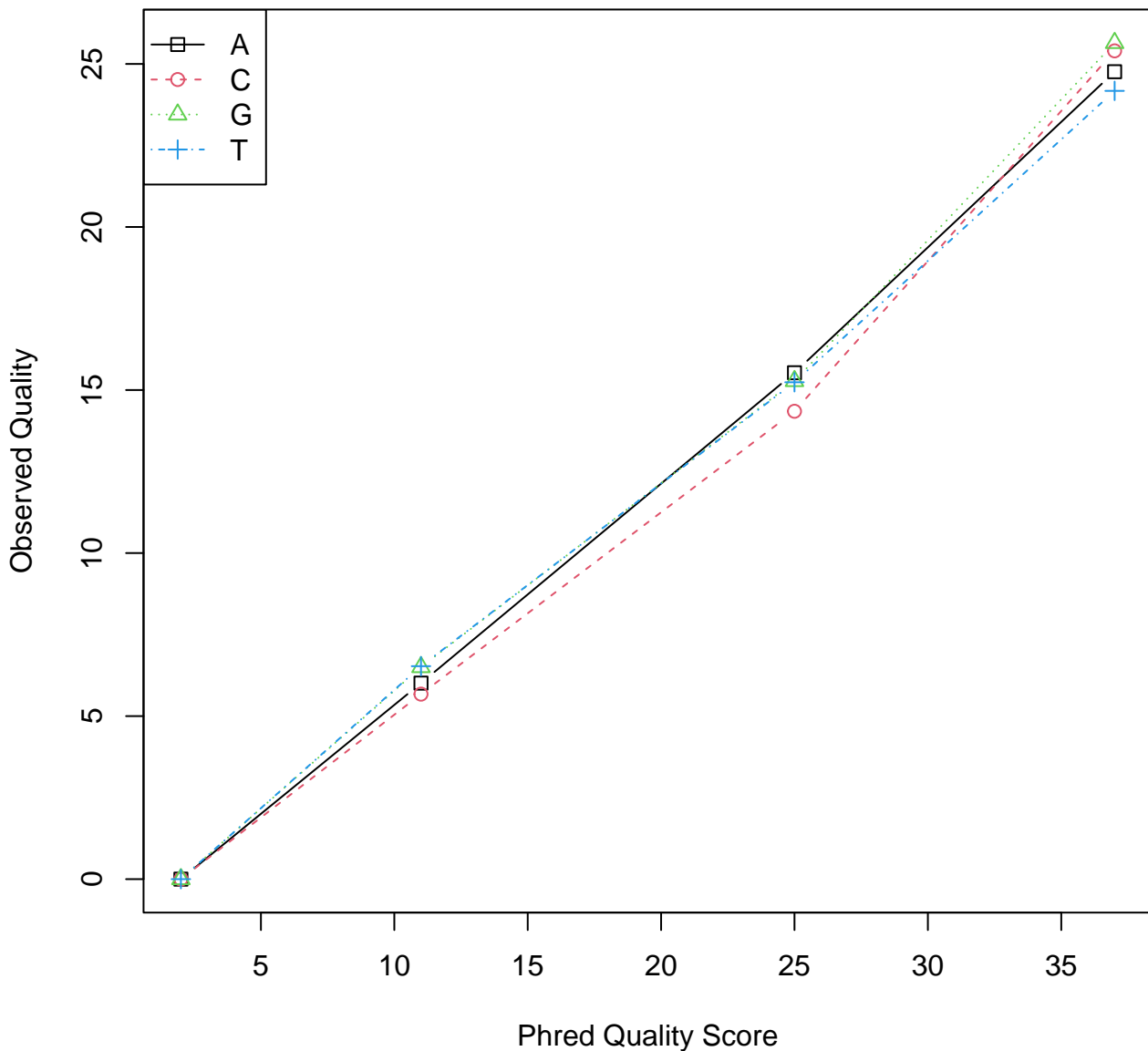
Probability
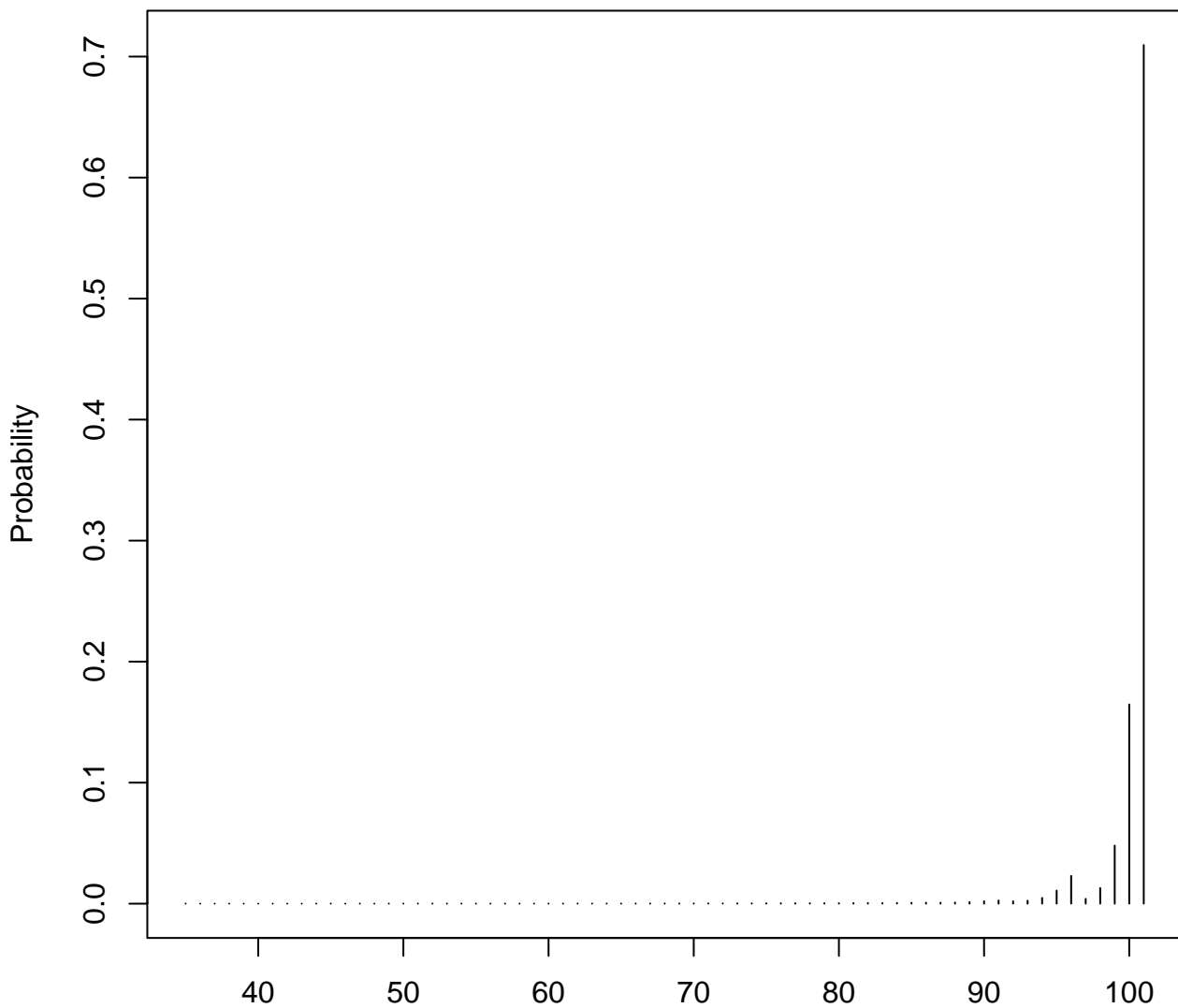
Read Length
Mode = 101, Mean = 100.1, and Std = 3.5

Read Start Position Distribution

Observed Quality vs. Phred Quality Score

Alignment statistics