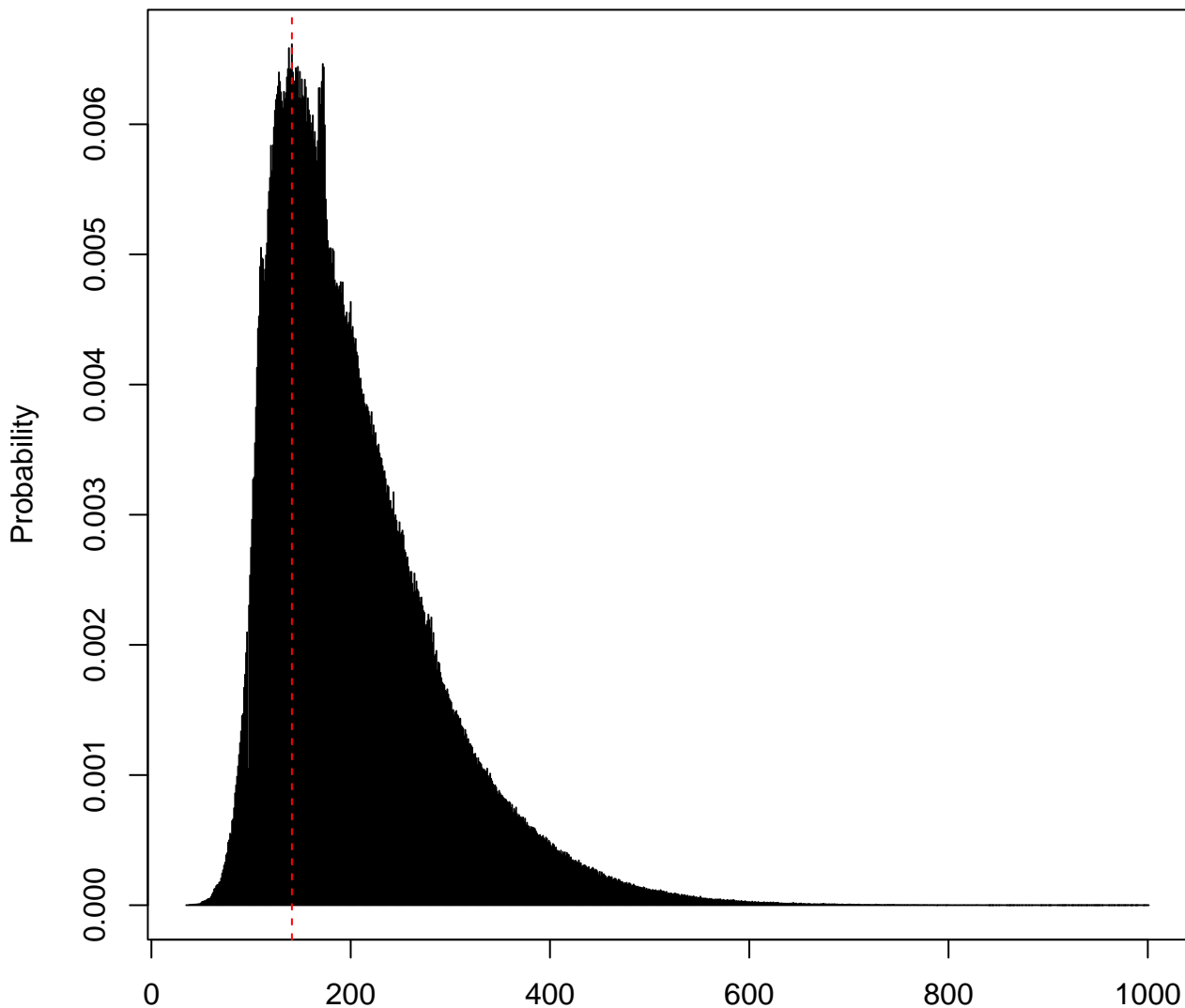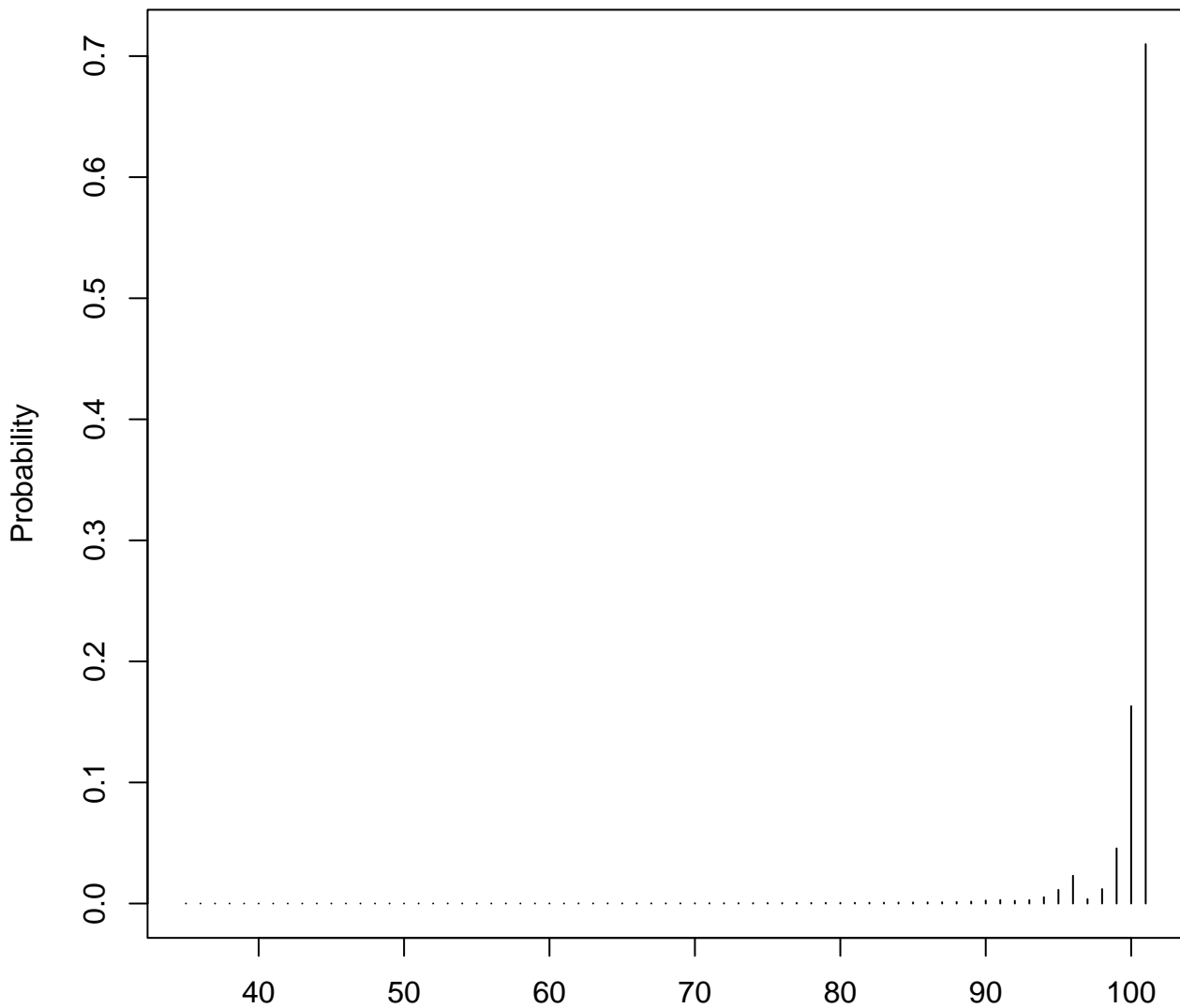**Fragment Length Distribution**

Fragment Length
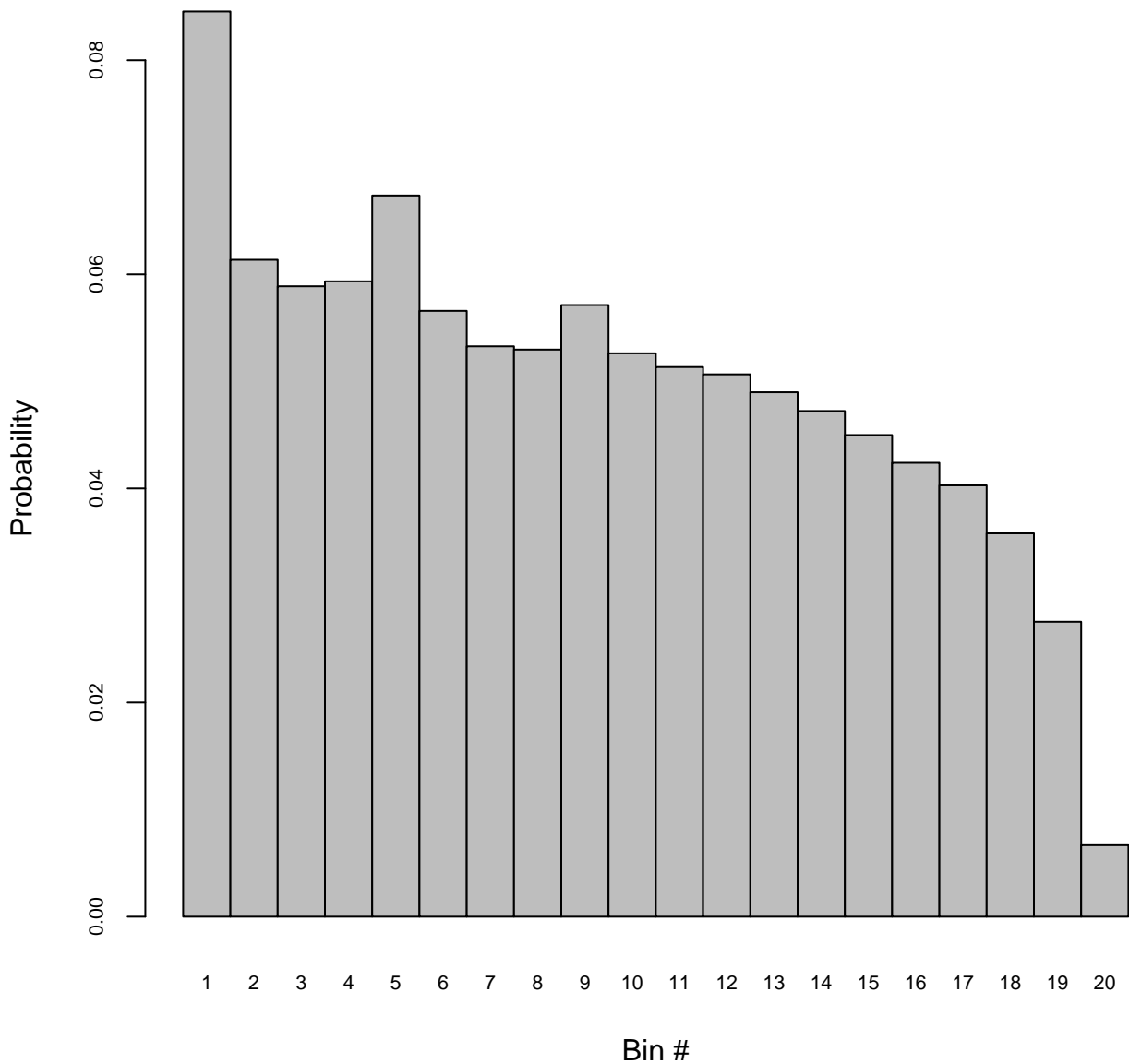Mode = 141, Mean = 202.9, and Std = 85.7

Read Length Distribution

Probability

Read Length
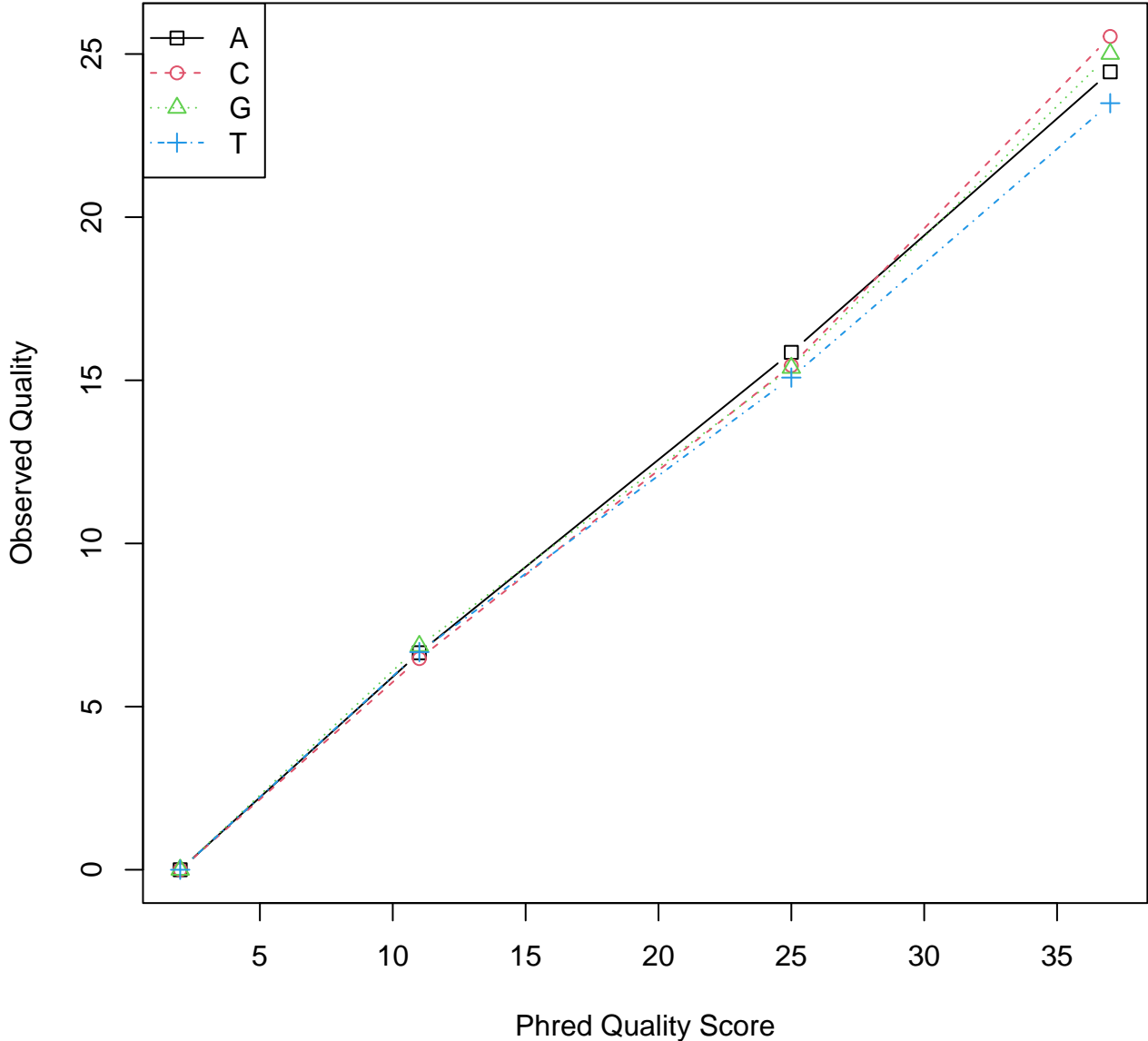Mode = 101, Mean = 100.0, and Std = 3.5

Read Start Position Distribution

Observed Quality vs. Phred Quality Score

Alignment statistics