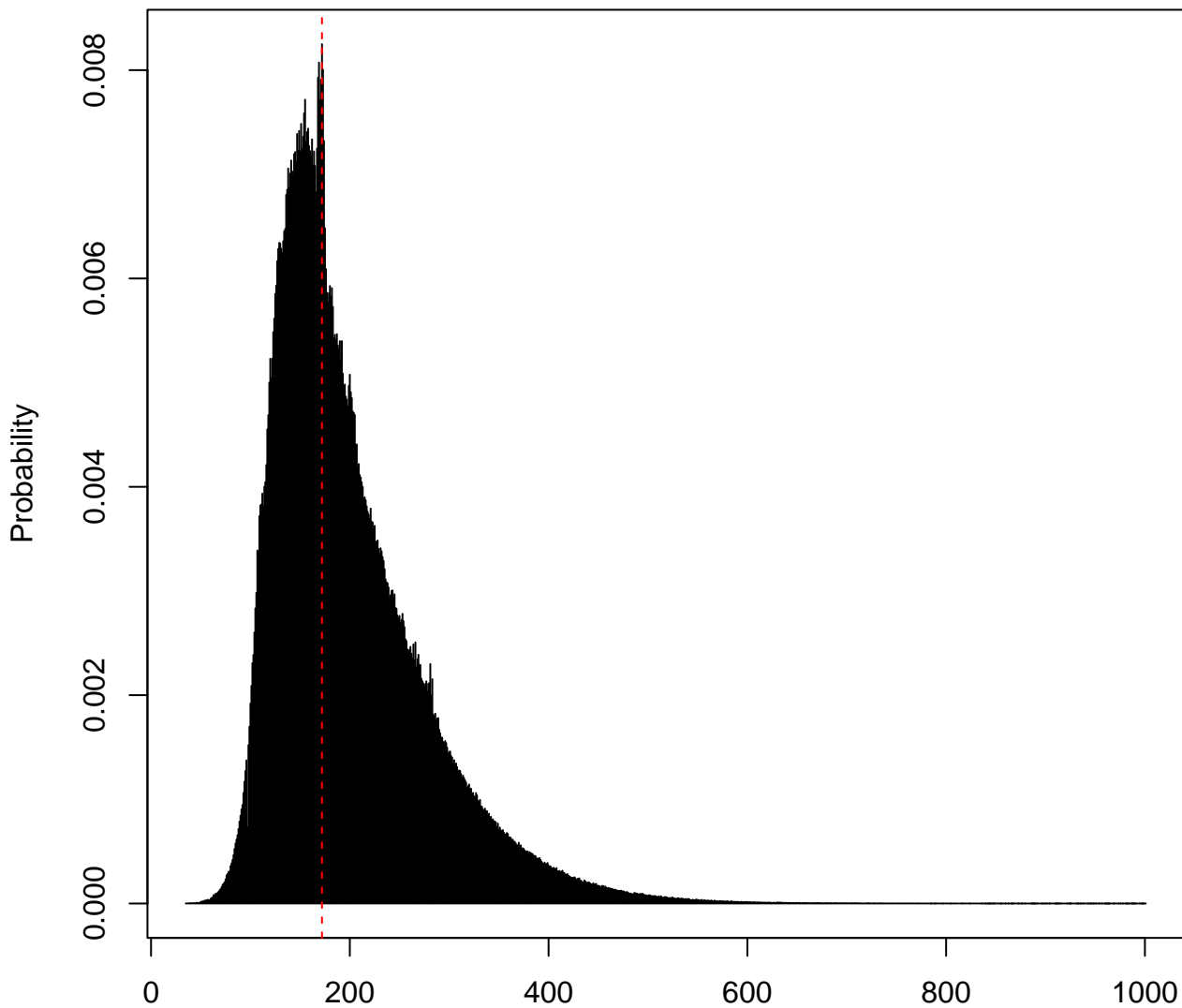**Fragment Length Distribution**

Probability
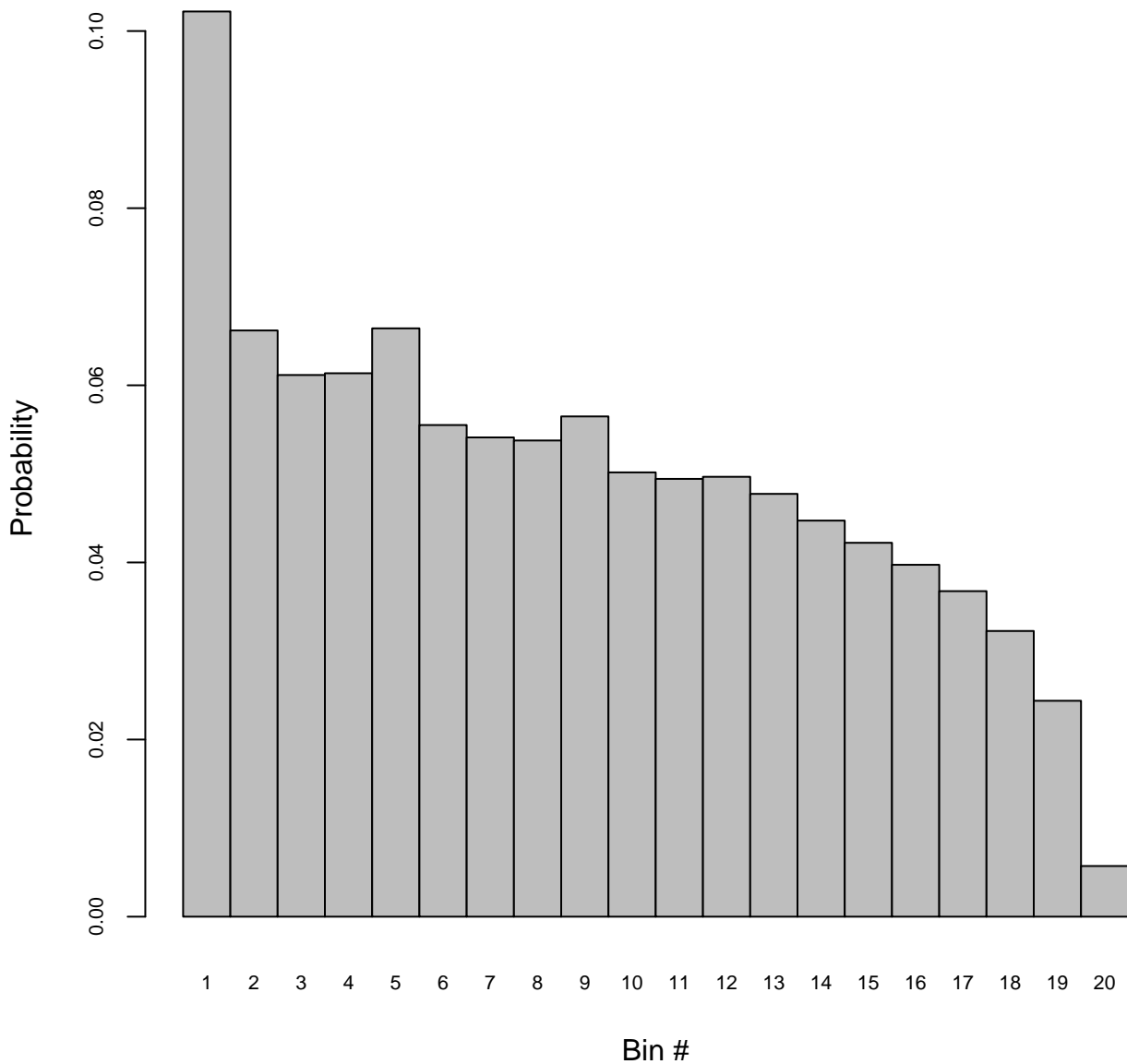
Fragment Length
Mode = 172, Mean = 198.9, and Std = 76.9

Read Length Distribution
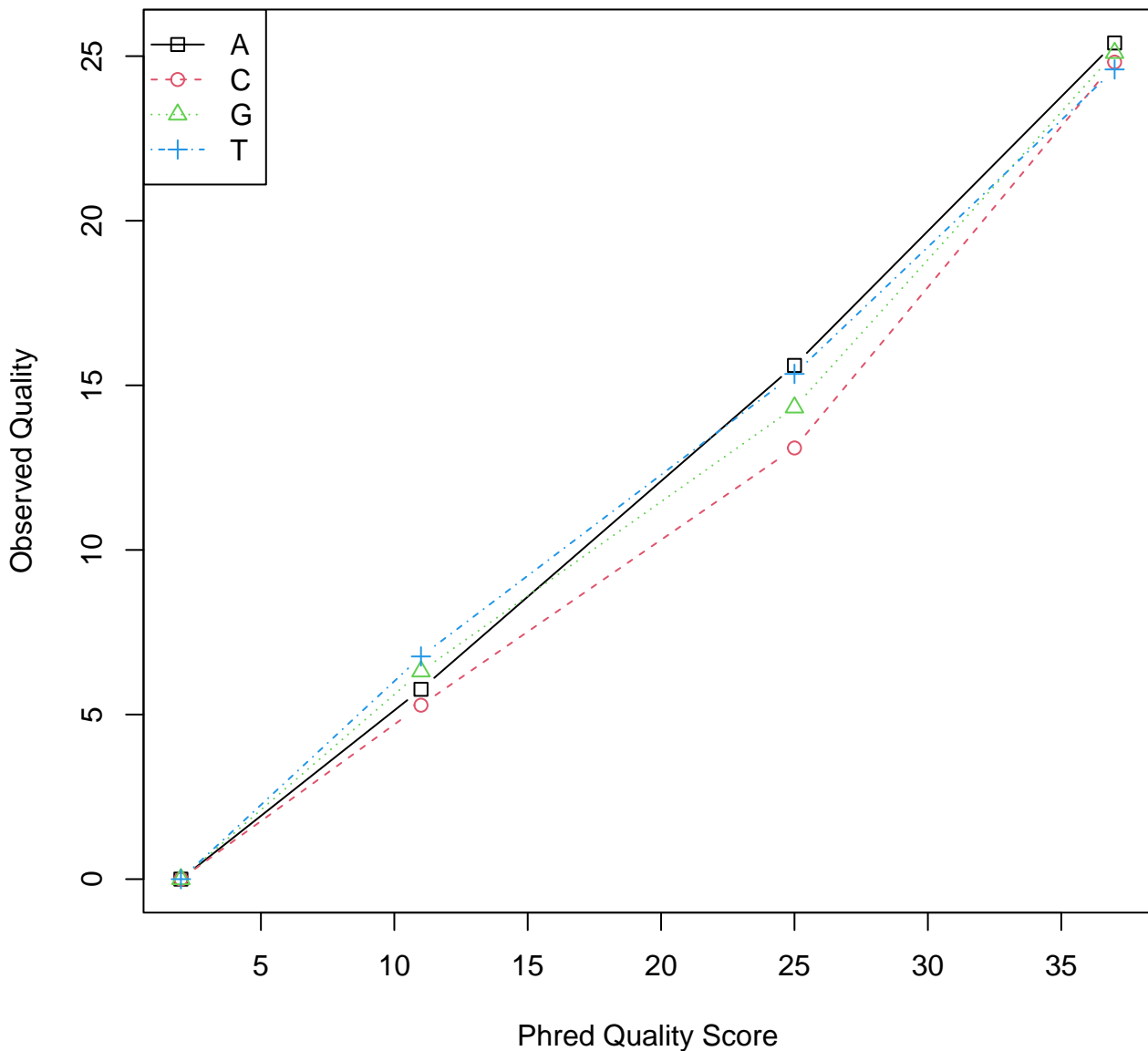
Probability
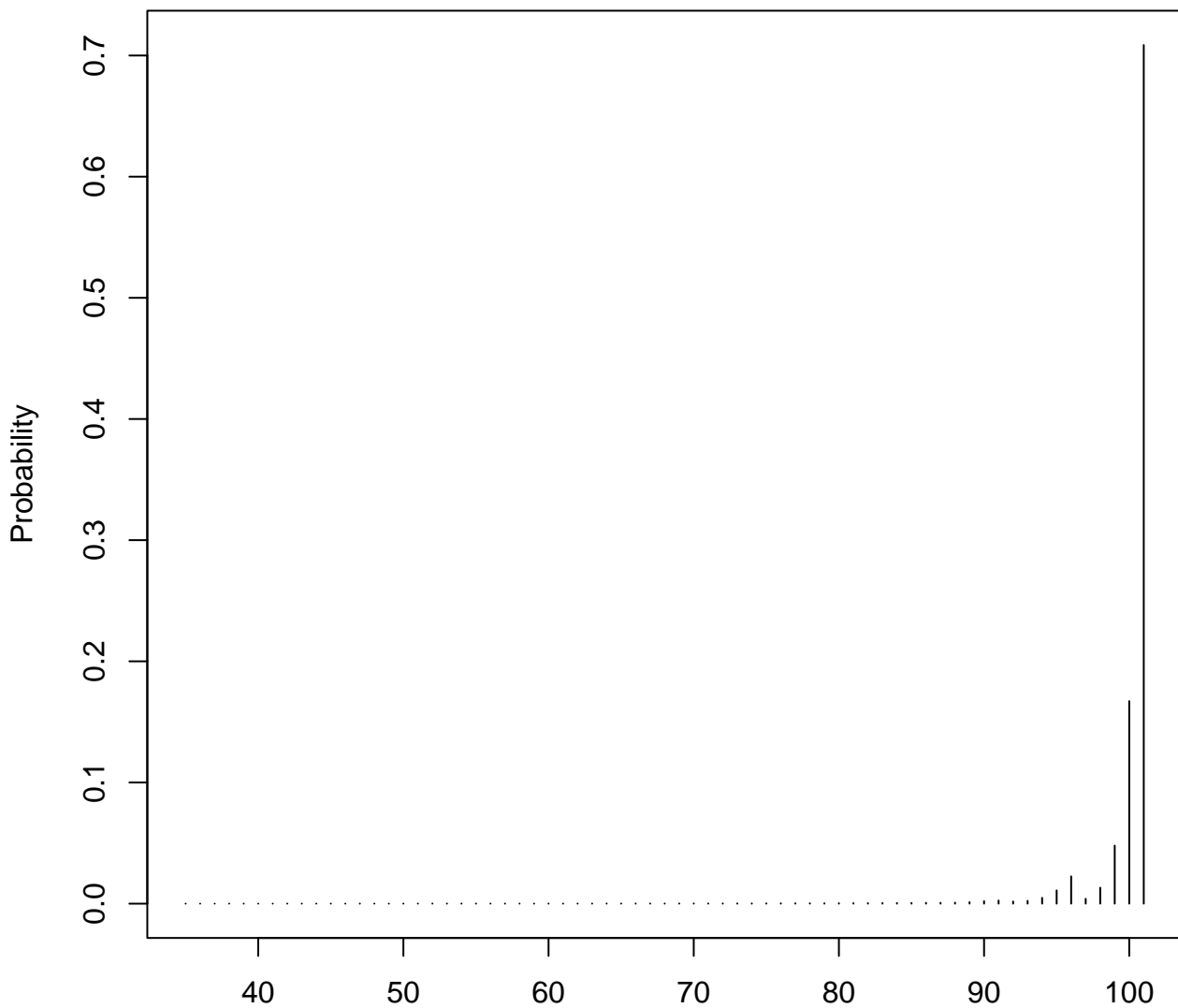
Read Length
Mode = 101, Mean = 100.1, and Std = 3.4

Read Start Position Distribution

Observed Quality vs. Phred Quality Score

Alignment statistics