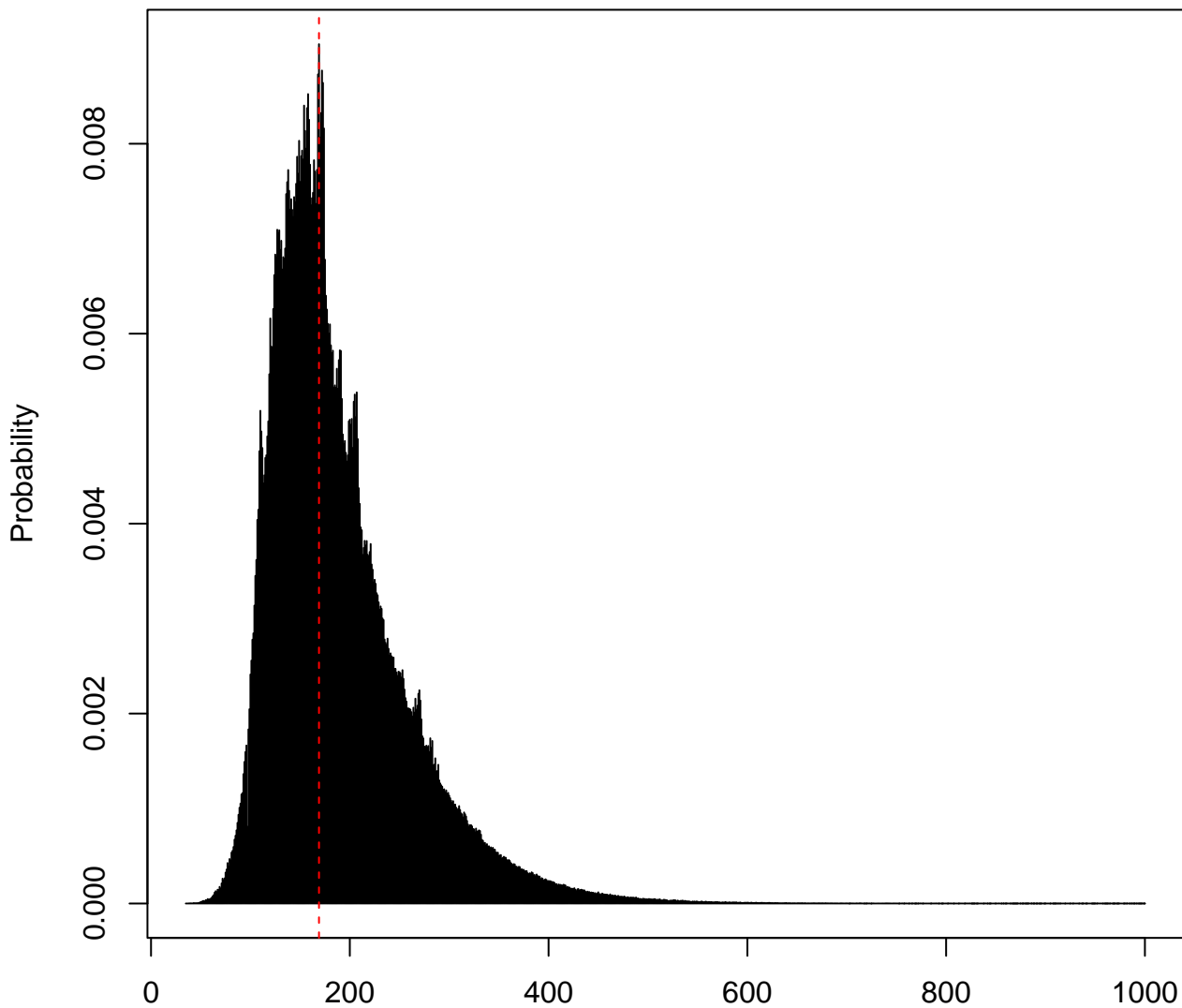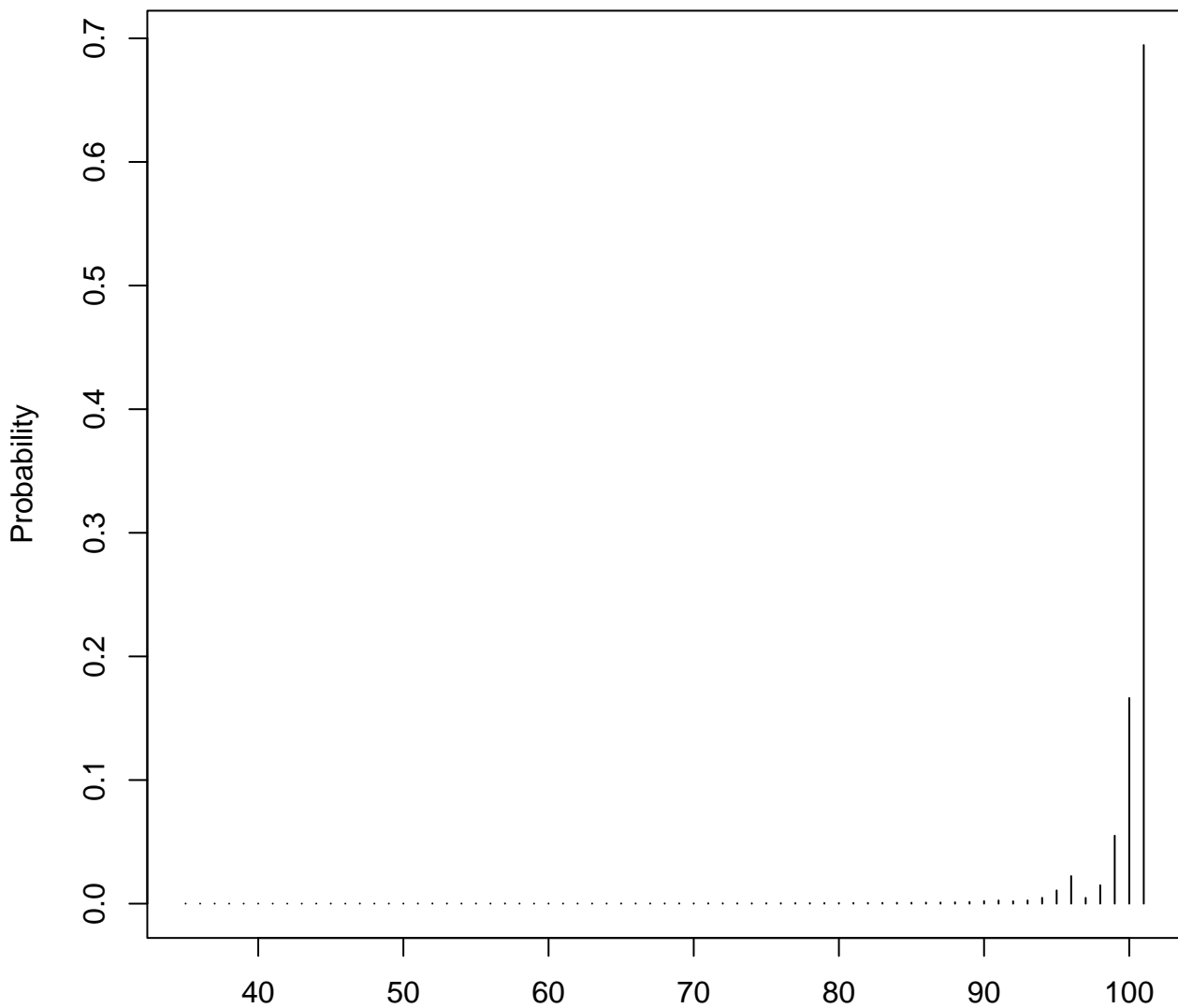**Fragment Length Distribution**
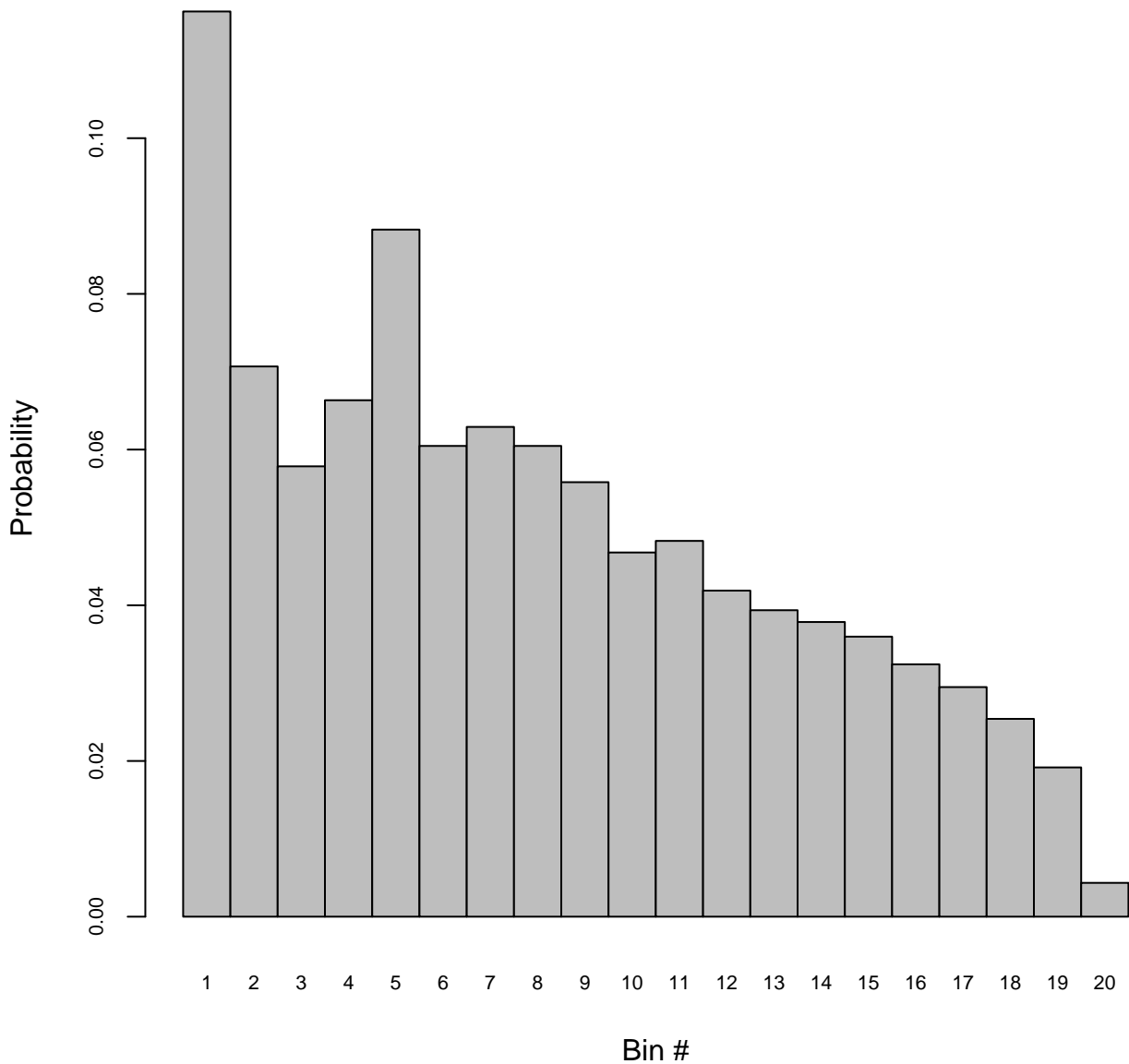
Probability

Fragment Length
Mode = 169, Mean = 188.2, and Std = 69.5

Read Length Distribution

Read Length
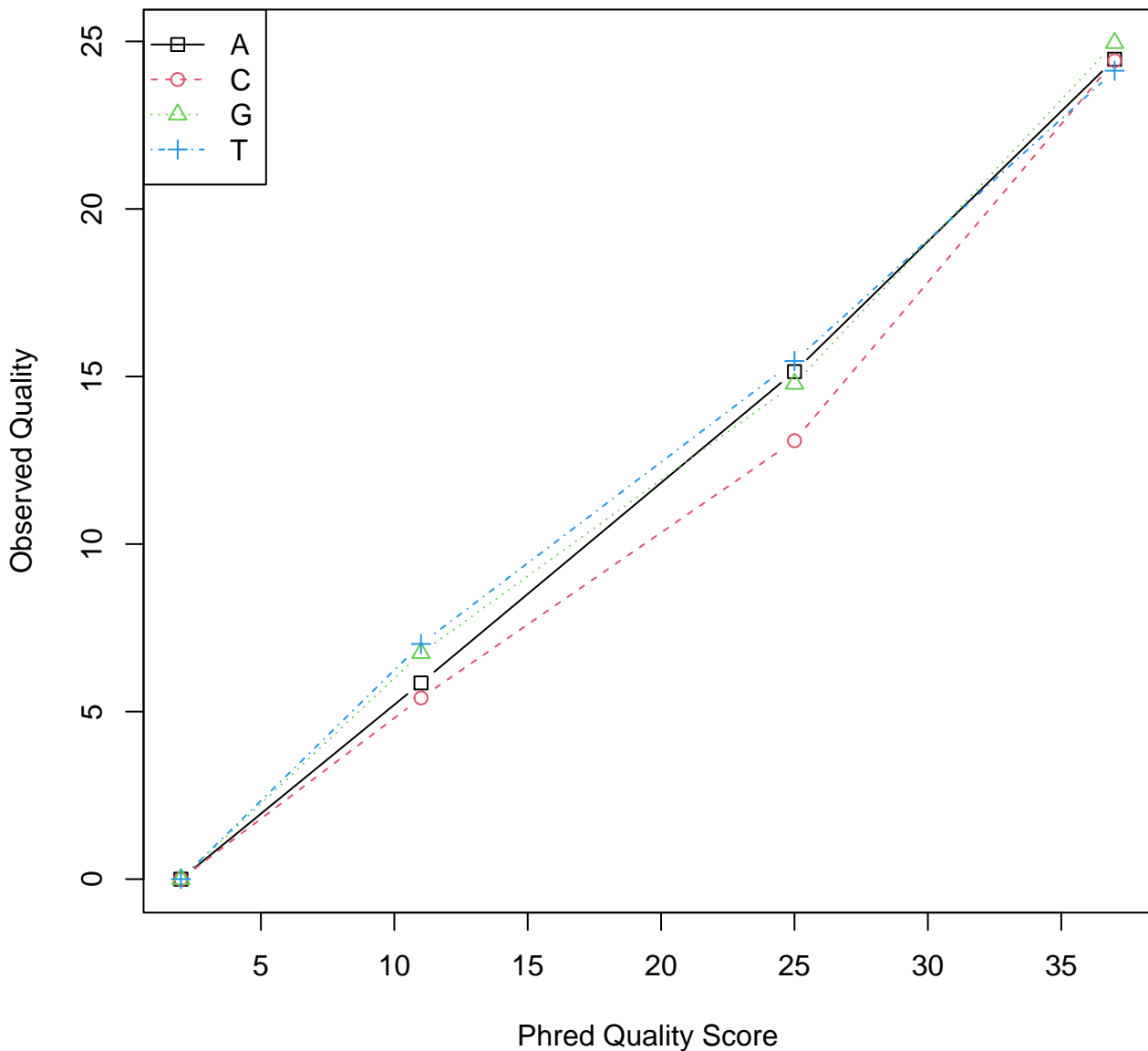Mode = 101, Mean = 99.9, and Std = 4.2

Read Start Position Distribution

Observed Quality vs. Phred Quality Score

Alignment statistics