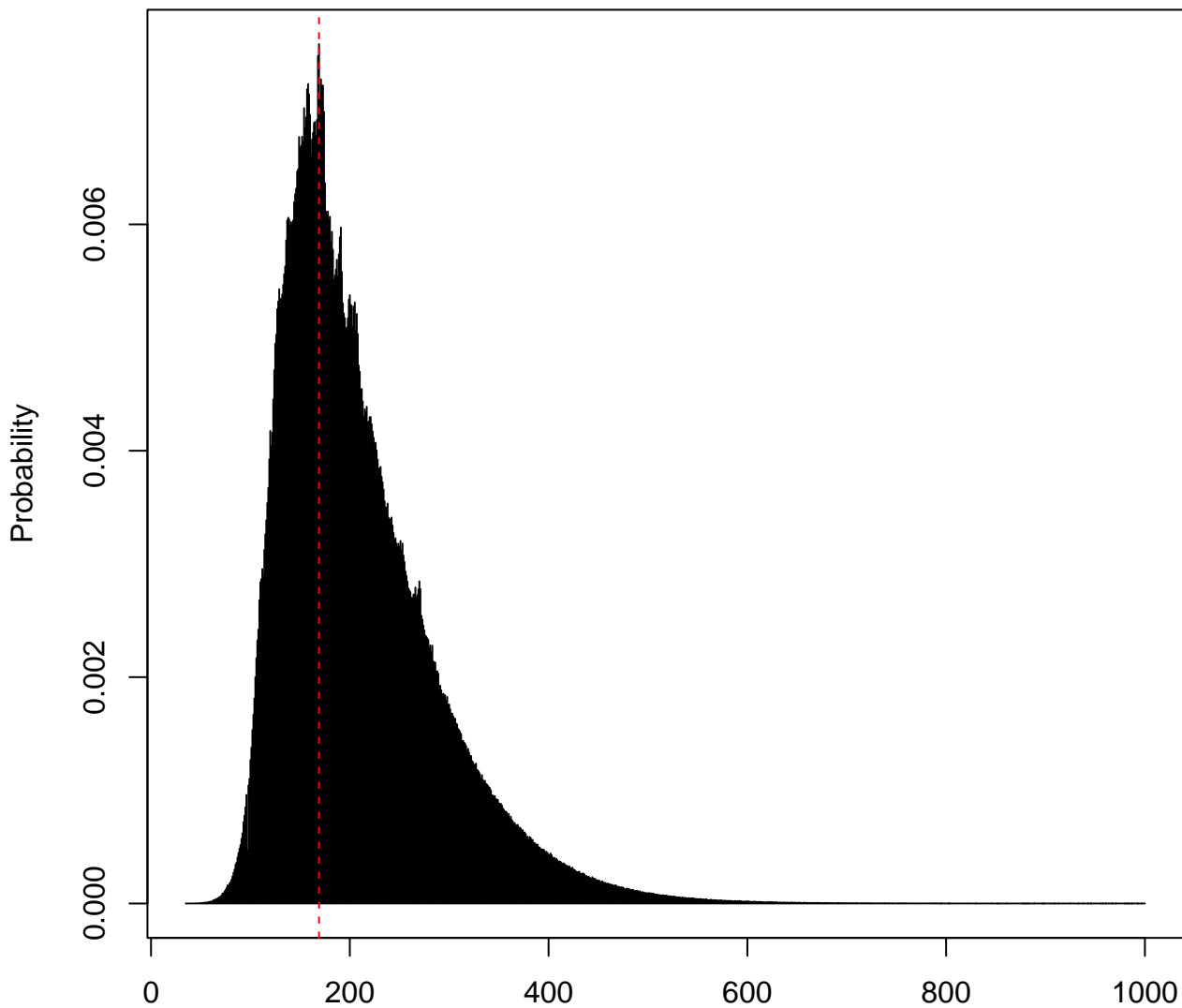**Fragment Length Distribution**
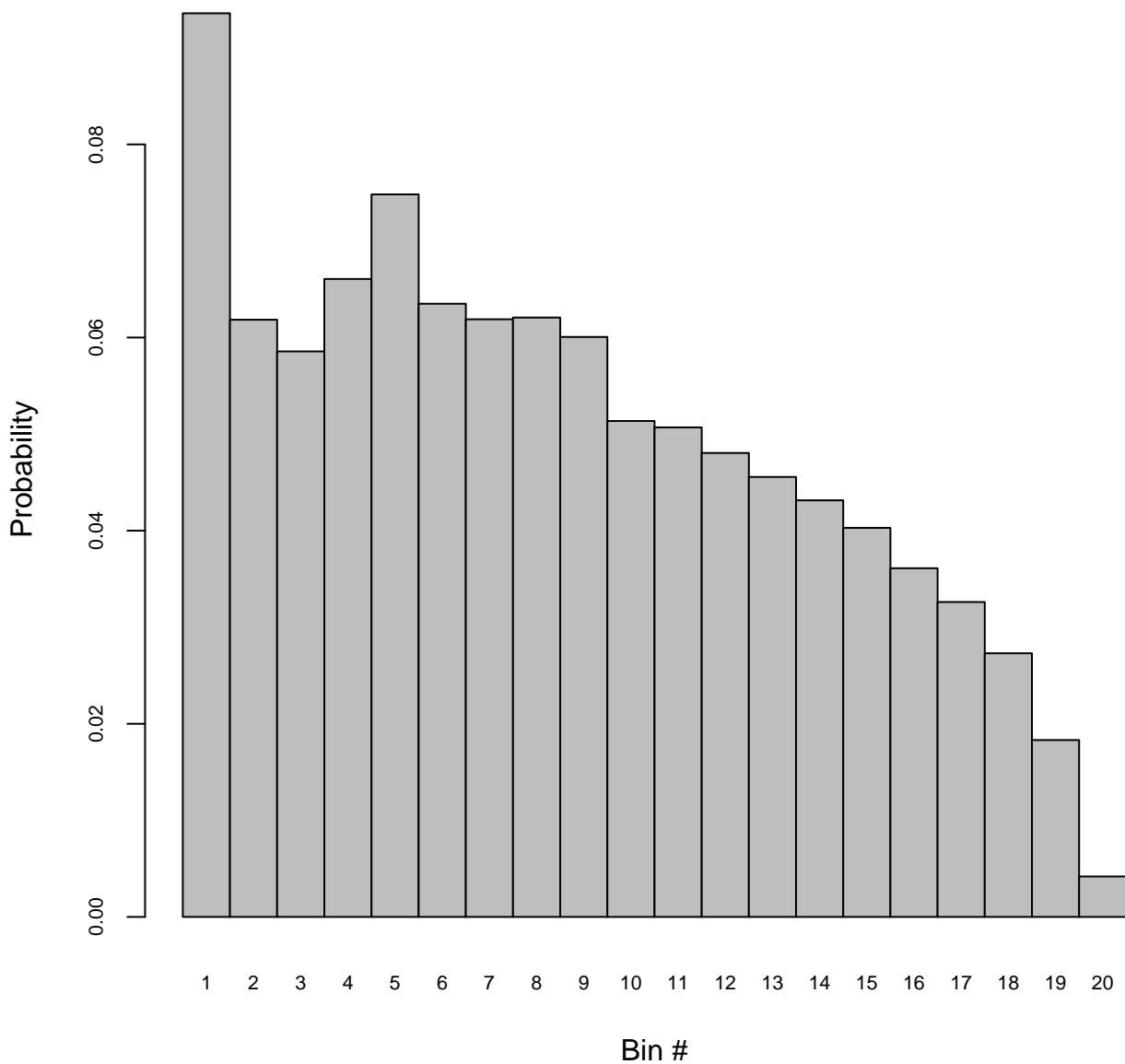
Probability

Fragment Length
Mode = 169, Mean = 208.7, and Std = 78.8

Read Length Distribution

Probability
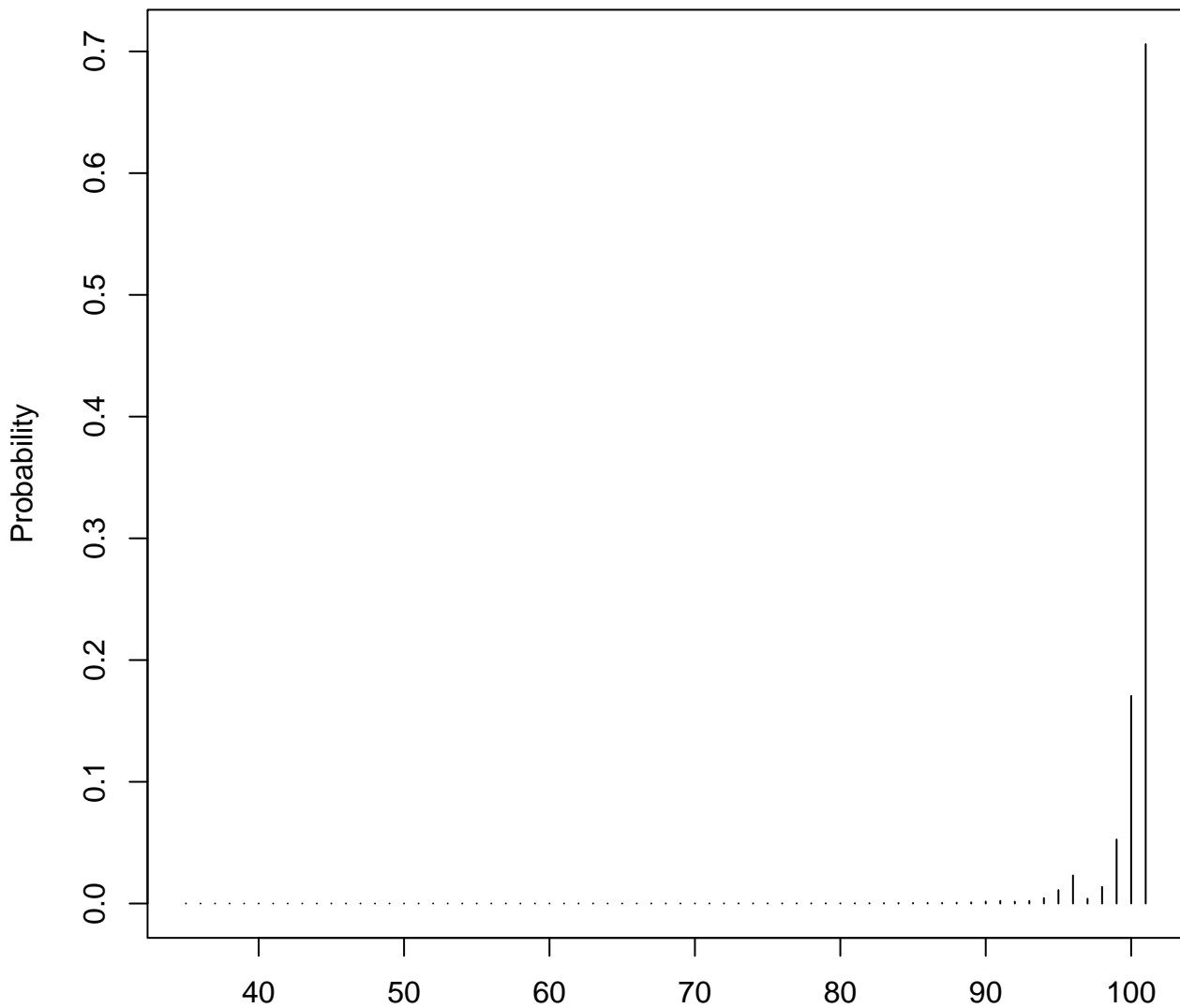
Read Length
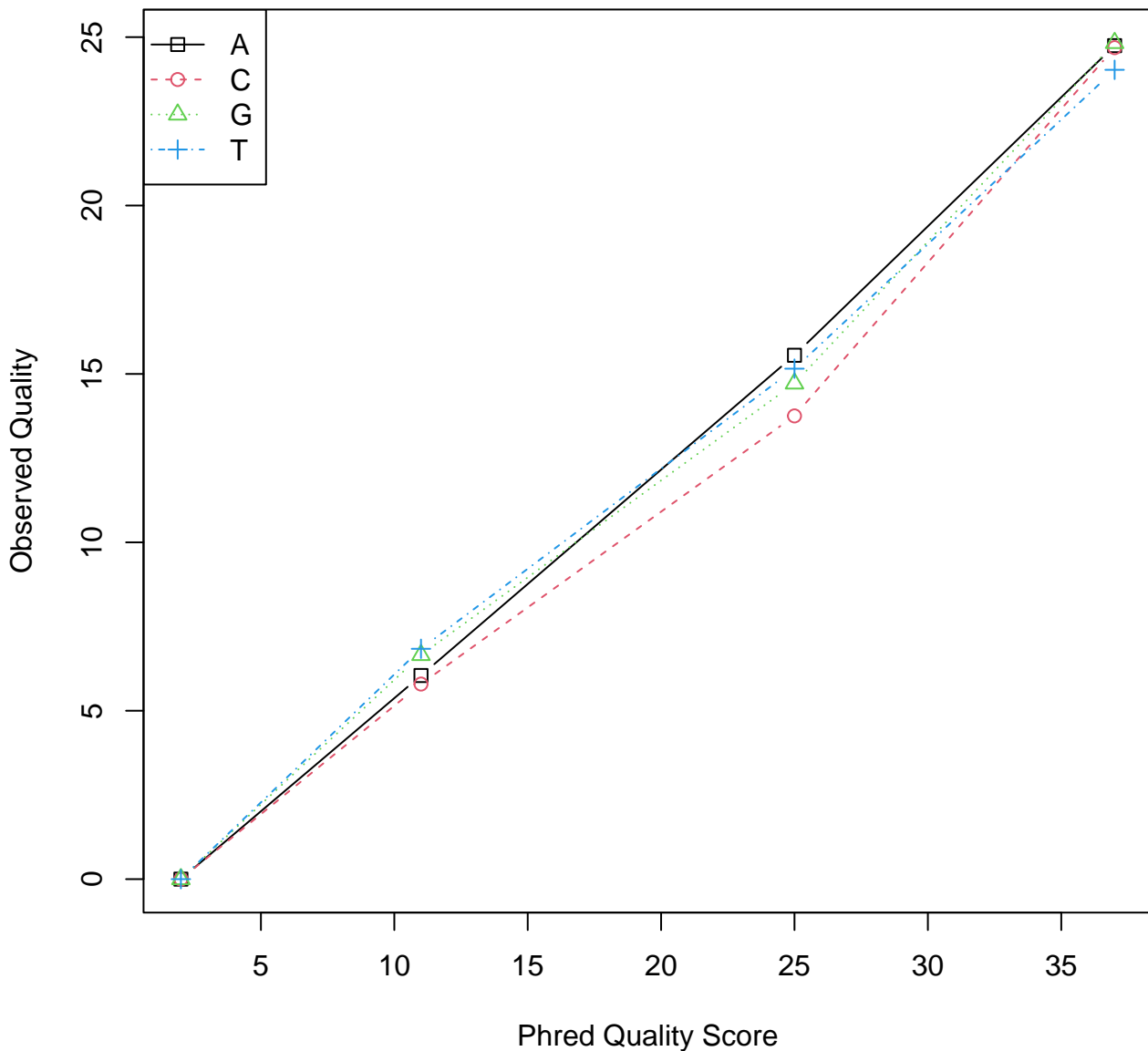Mode = 101, Mean = 100.2, and Std = 2.6

Read Start Position Distribution

Probability

Bin #

Observed Quality vs. Phred Quality Score

Alignment statistics