Histogram of means
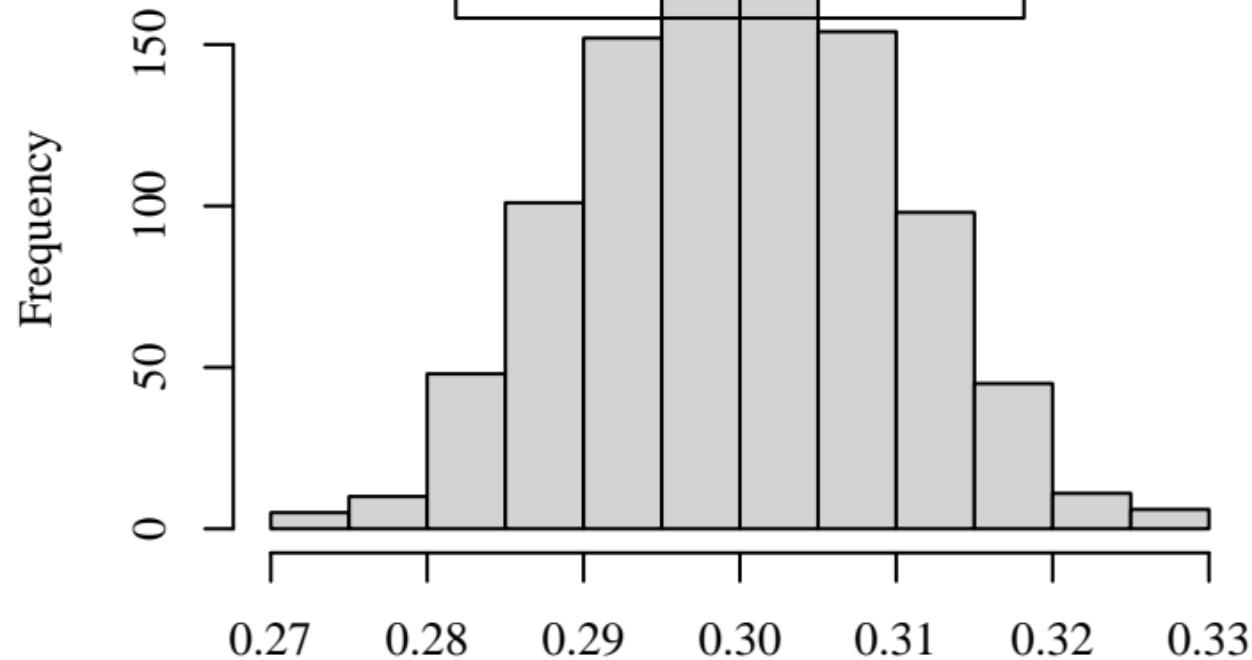
Mean of means= 0.3003

Frequency

estimates of proportion of success