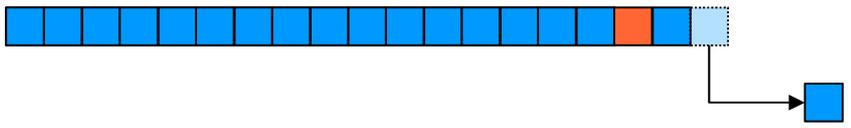


Example 1: Good quality read

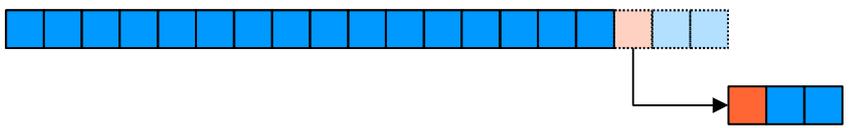
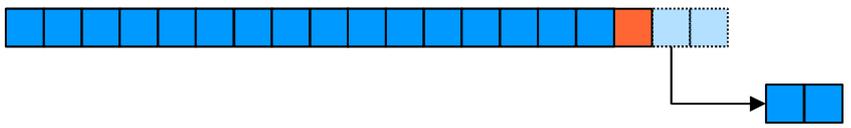
- Base with quality $>Q_H$
- Base with quality $<Q_H$



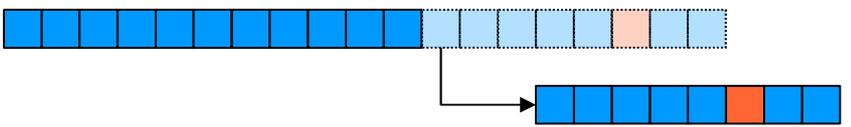
Trim bases with quality less than Q_H



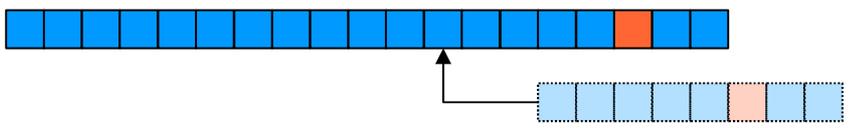
Save high quality bases temporarily



Up to n_L consecutive low quality bases can also be saved temporarily



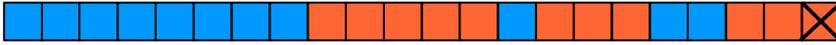
When n_H consecutive bases are found the trimming is terminated



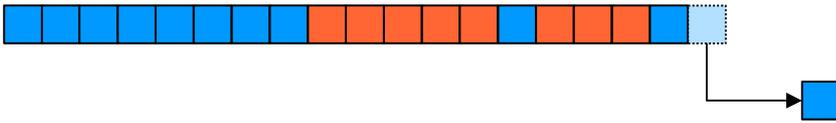
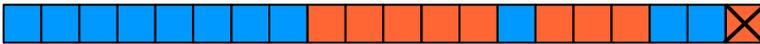
Temporarily saved bases are added back to the read.

Example 2: Poor quality read

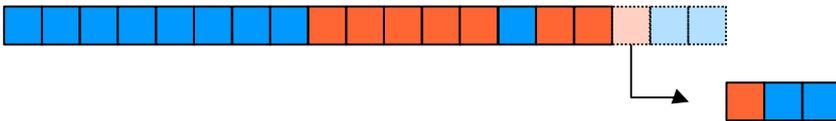
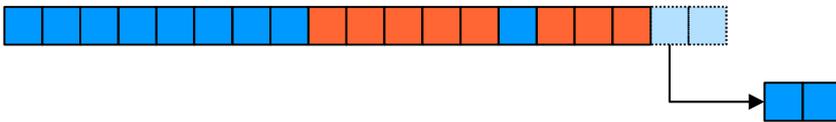
- Base with quality $> Q_H$
- Base with quality $< Q_H$



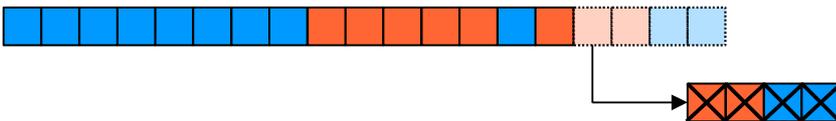
Trim bases with quality less than Q_H



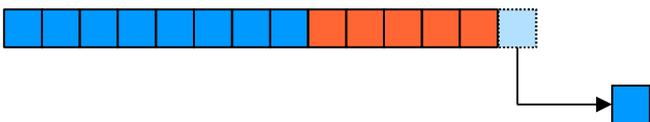
Save high quality bases temporarily



More than n_L consecutive low quality bases – remove temporarily saved bases



Start the process over again



Continue either until finding n_H consecutive bases, or the length of the read reaches L