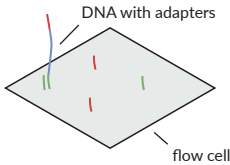
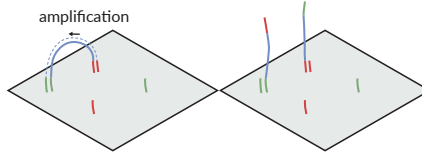


## second generation sequencing

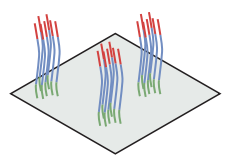
### DNA attaches to flow cell



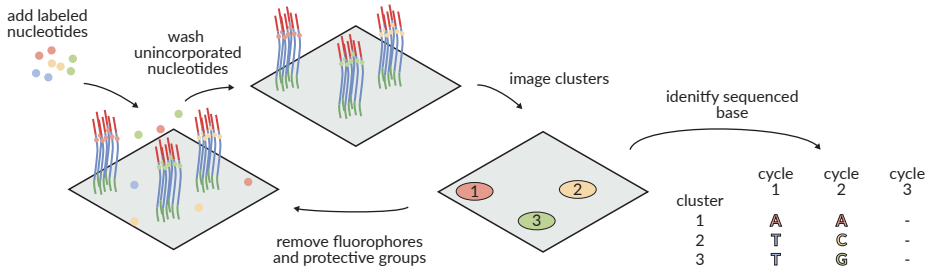
### bridging and amplification



### cluster generation

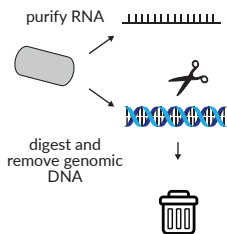


## sequencing by synthesis

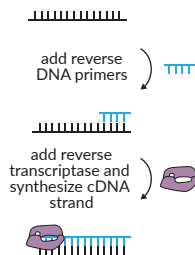


## RNA sequencing

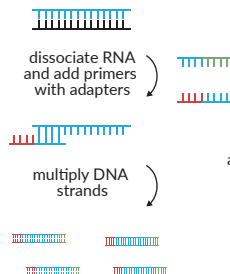
### lyse cells and isolate RNA



### reverse transcription



### amplify synthetic DNA



### sequence cDNA and align reads

