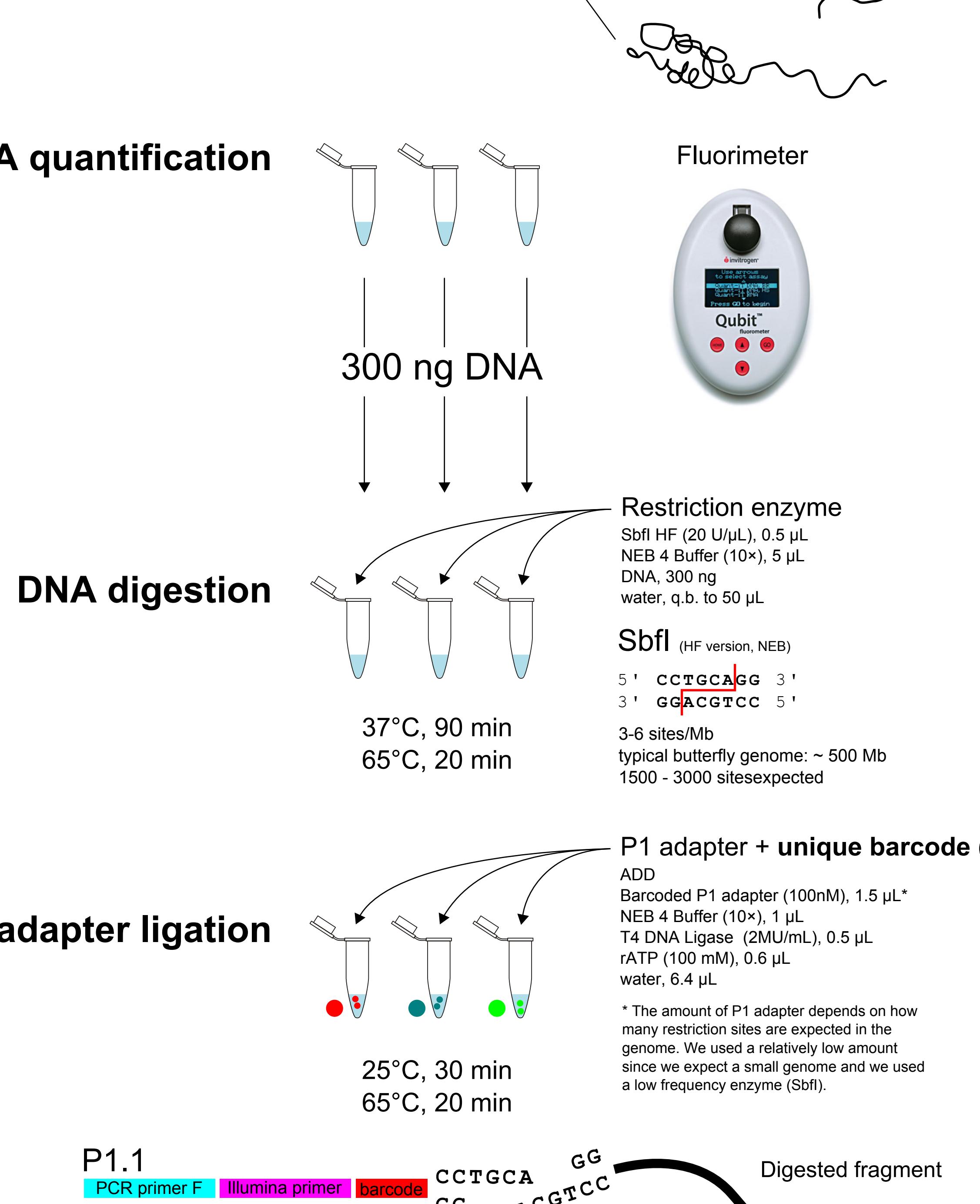


# Set up of a Restriction site Associated DNA (RAD) library

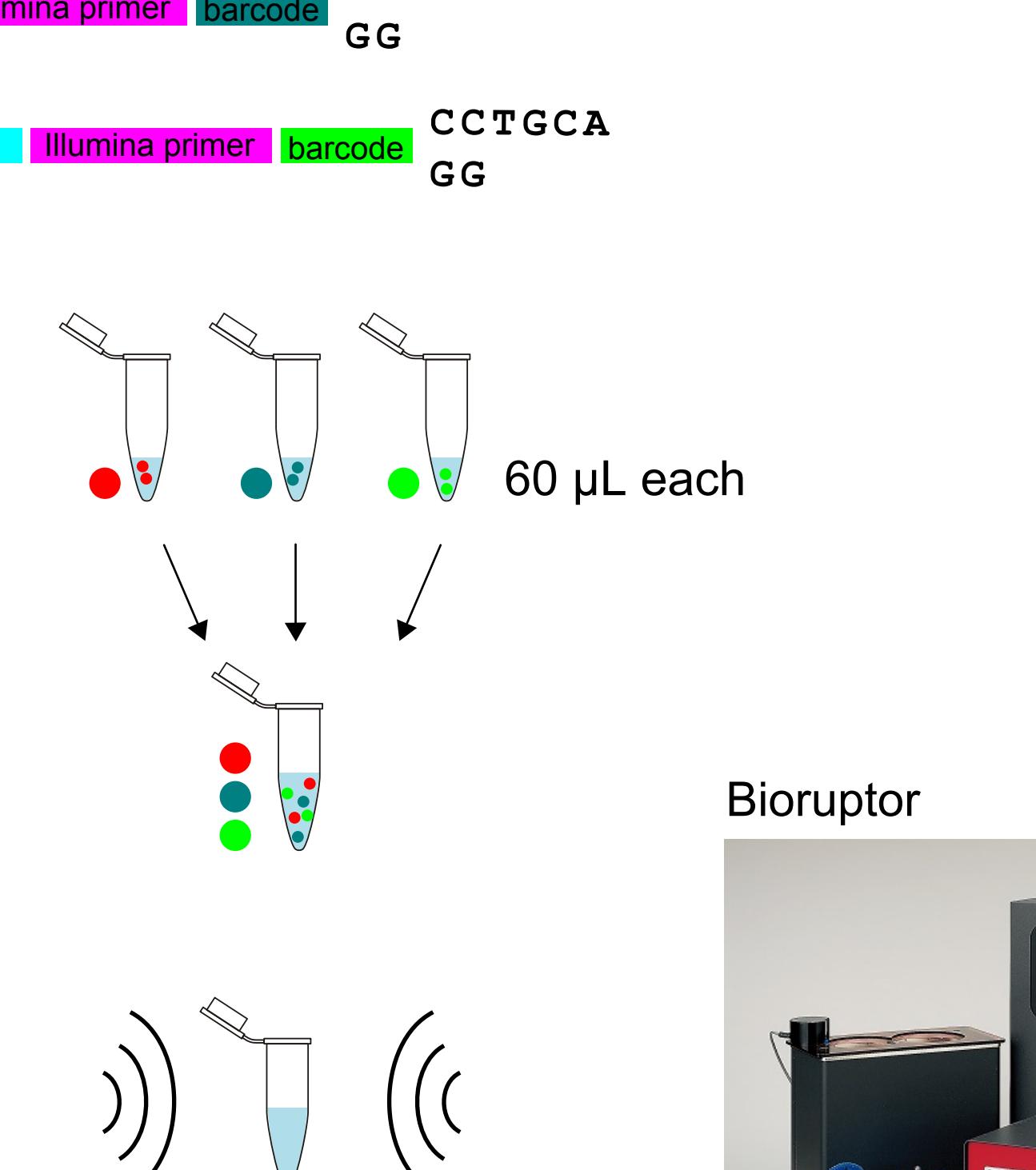
after

Baird et al. (2008) PLoS ONE 3(10): e3376.

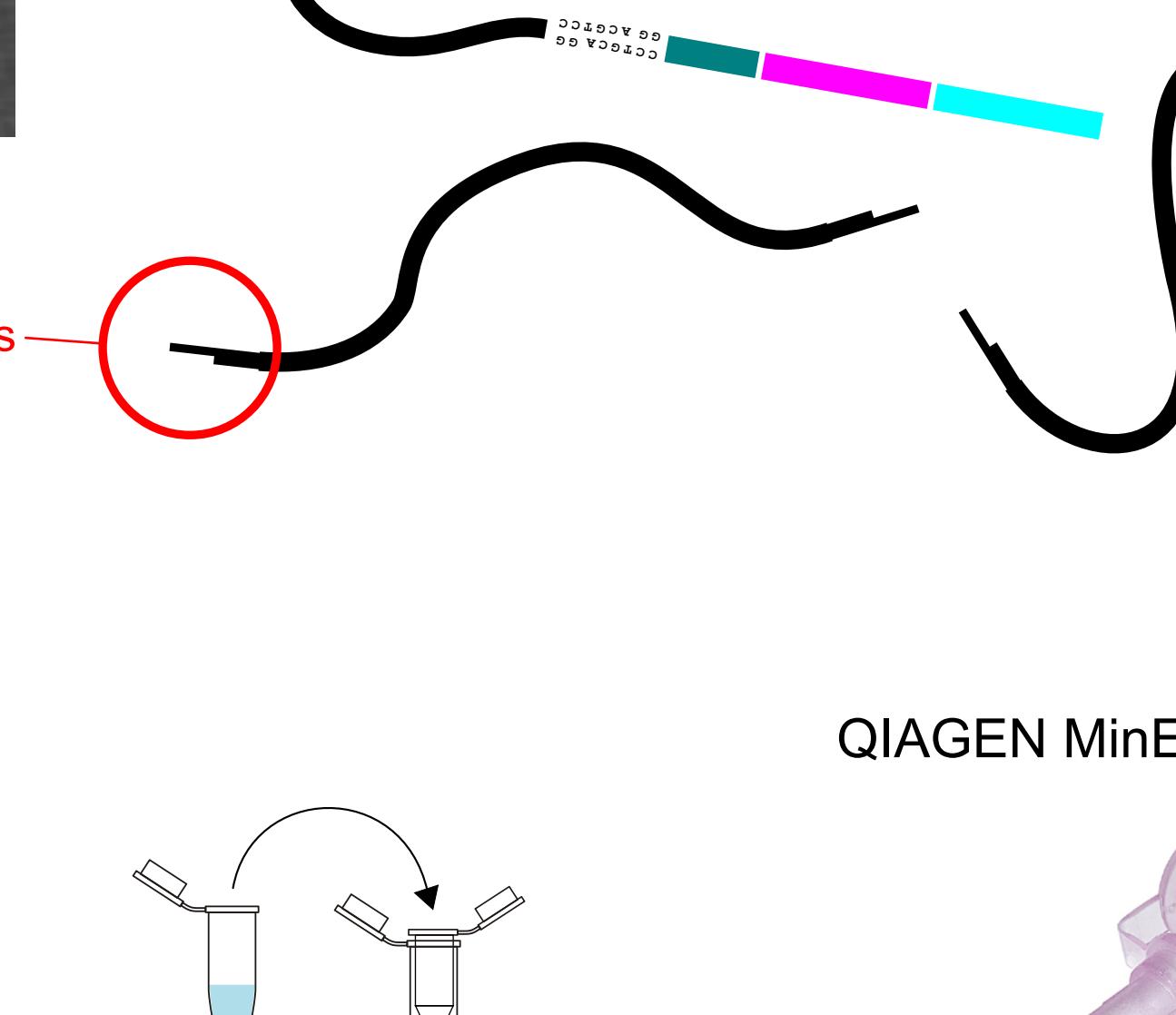
Etter (2008) in Orgogozo and Rockman (eds.) Molecular Methods for Evolutionary Genetics, Methods in Molecular Biology, vol. 772



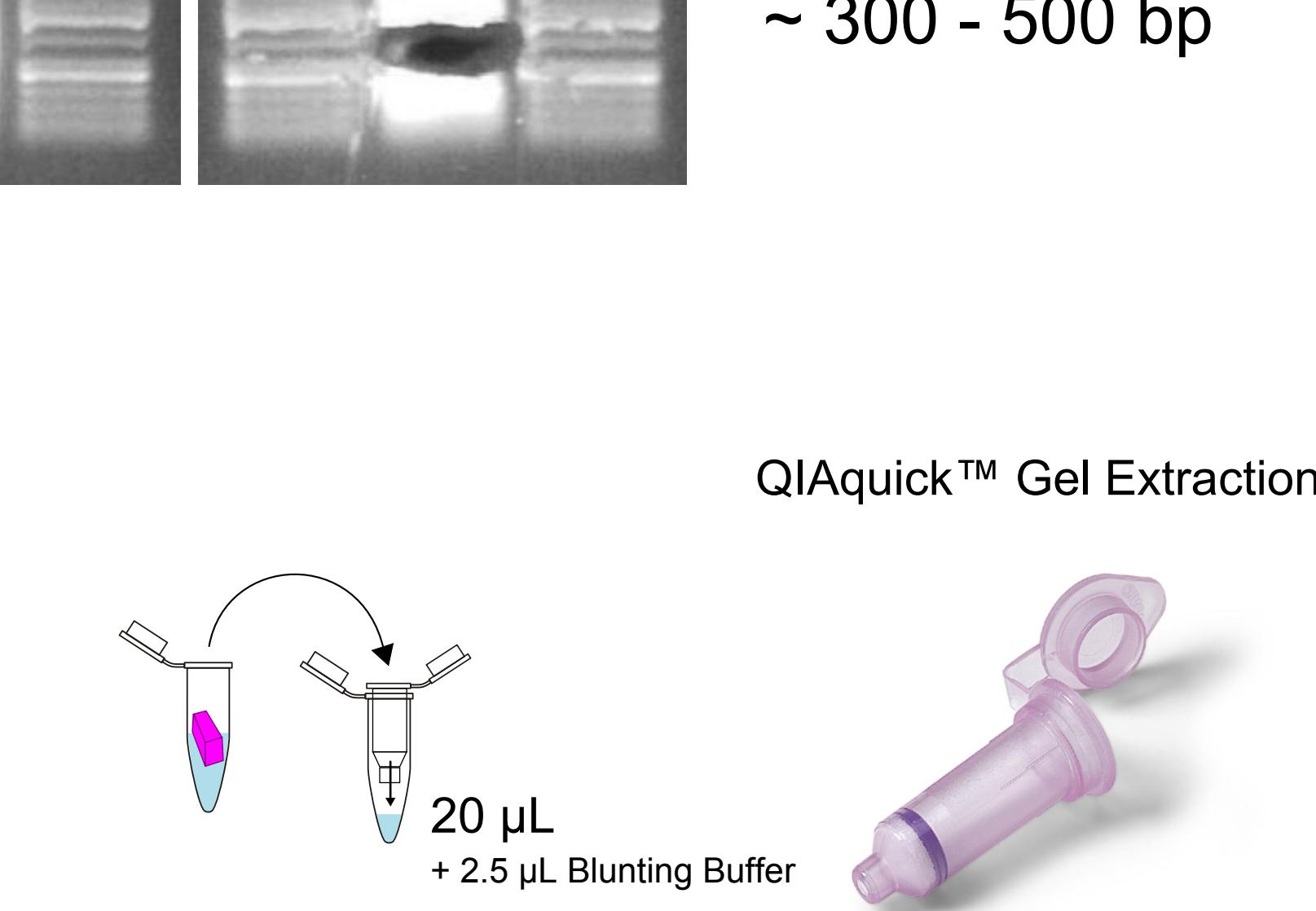
## DNA quantification



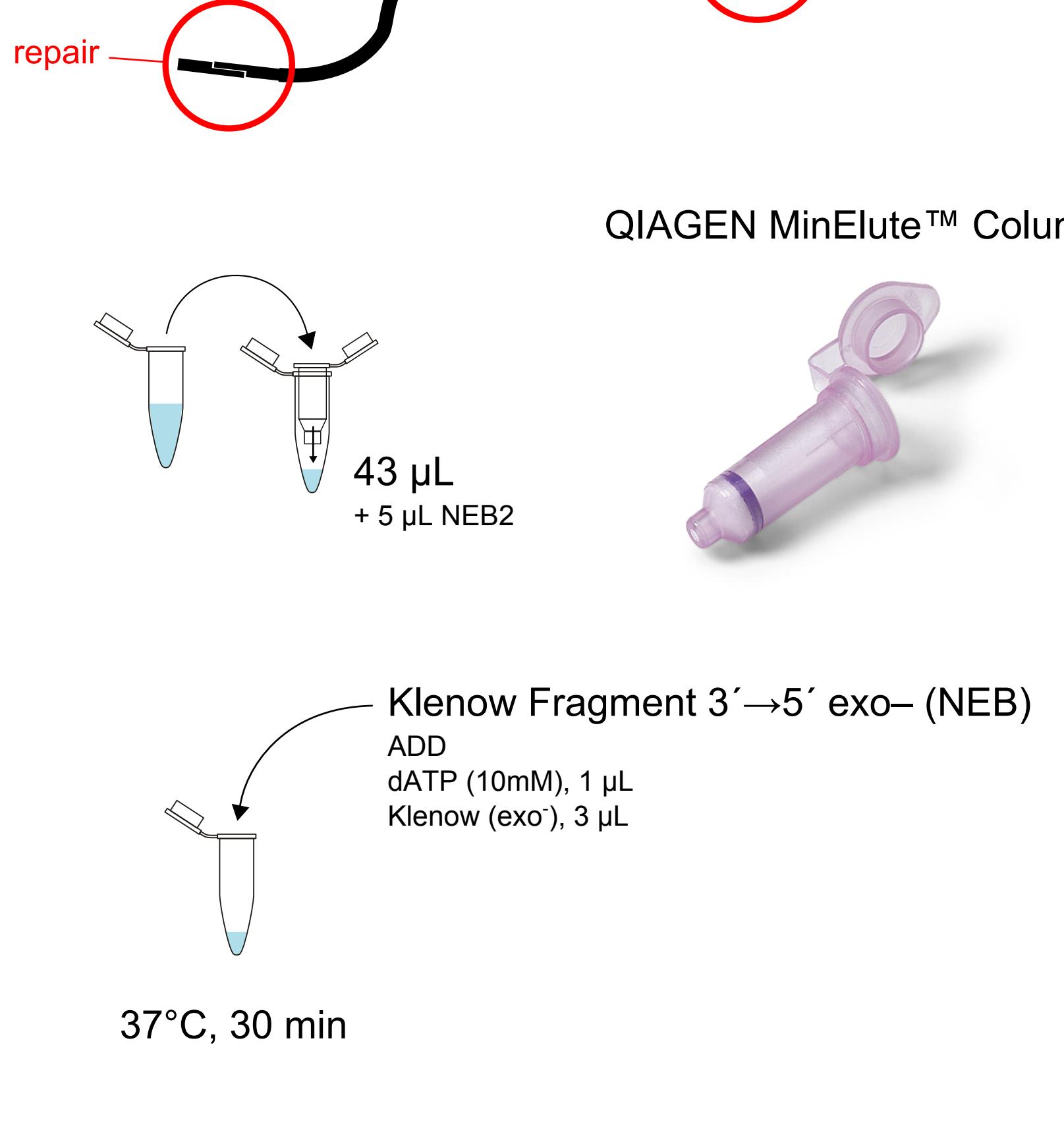
## DNA digestion



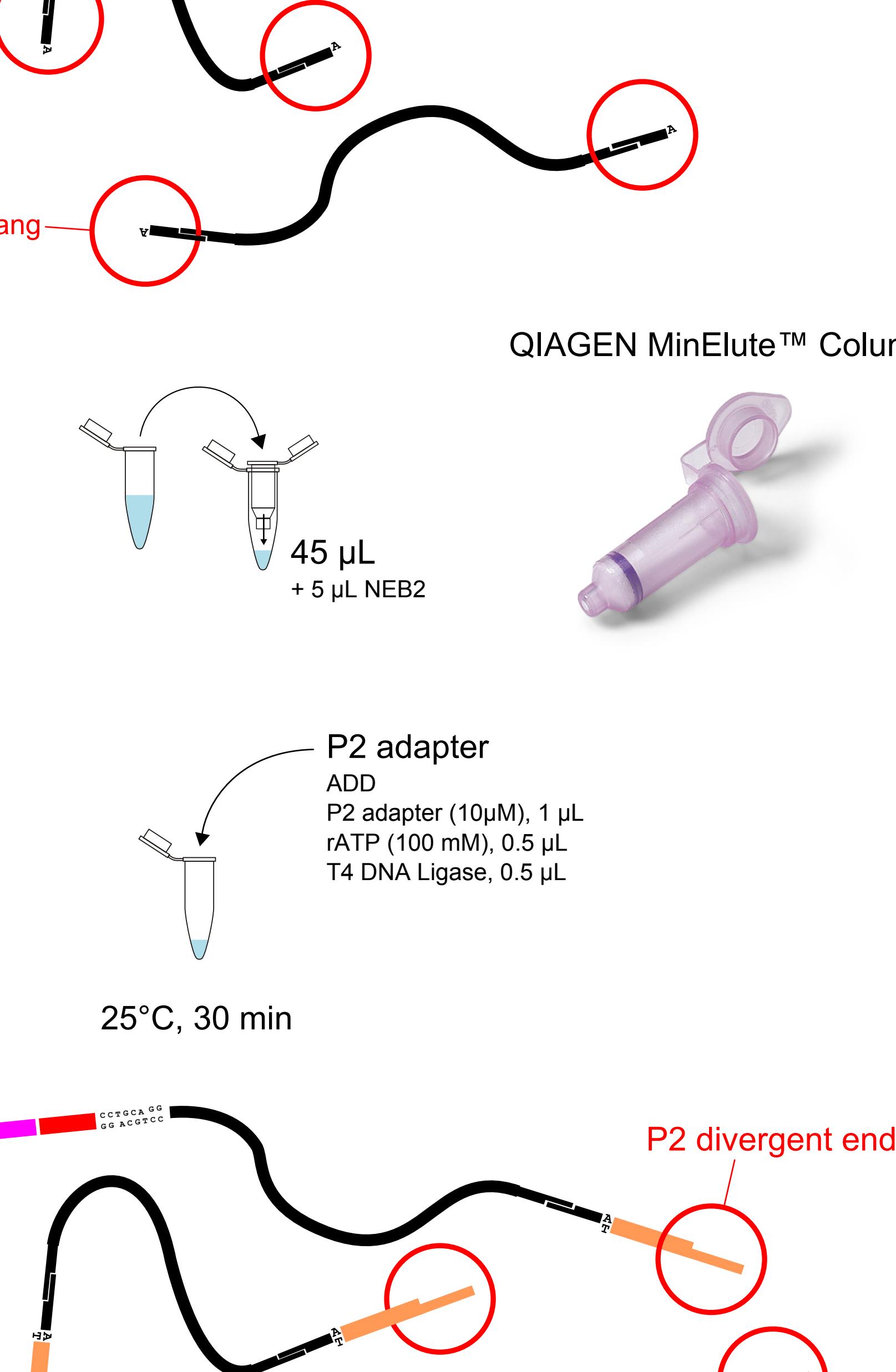
## P1 adapter ligation



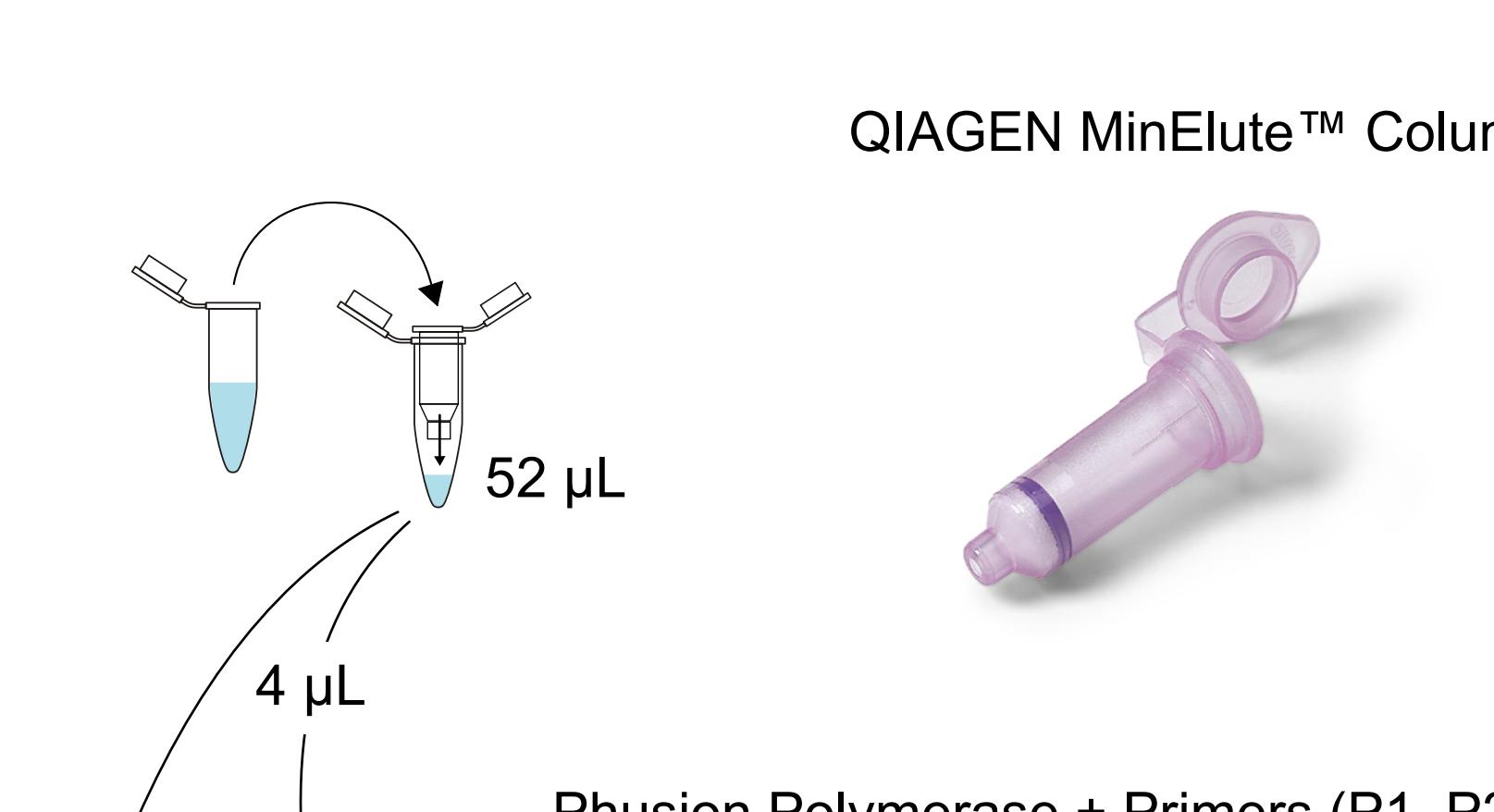
## Multiplexing



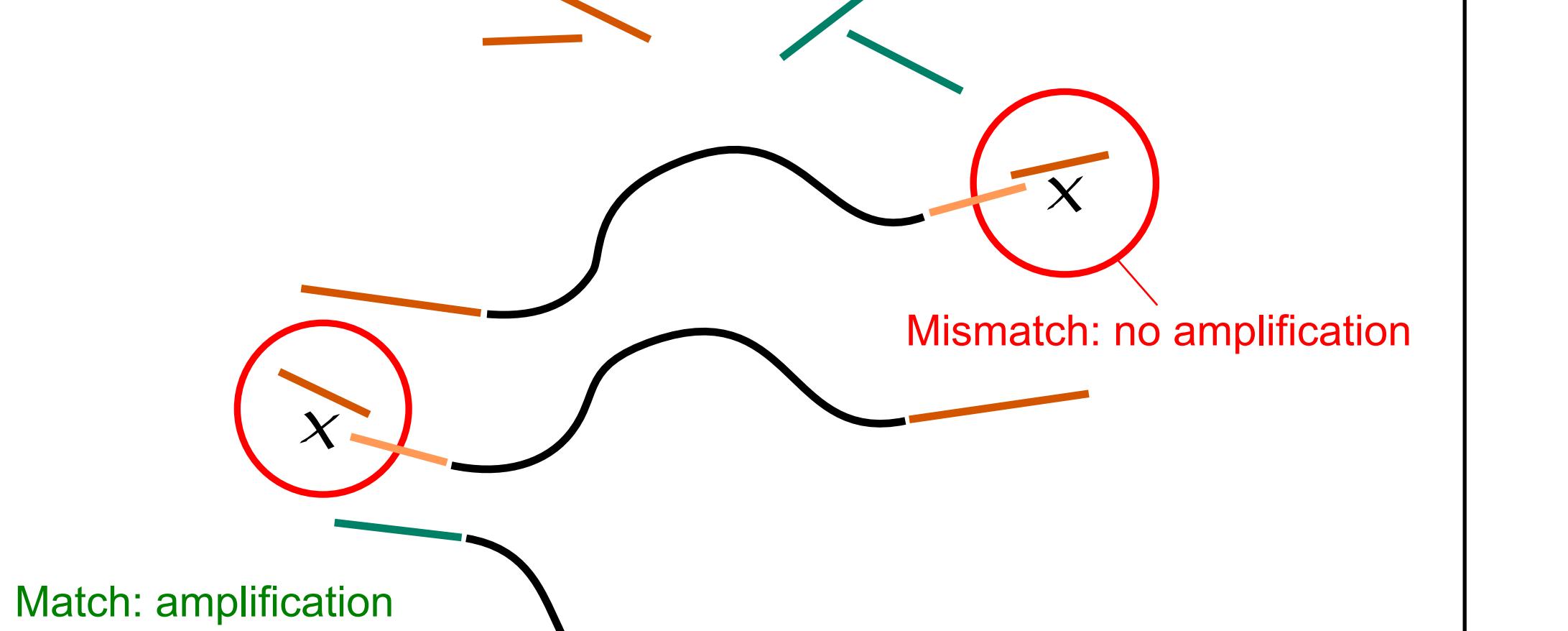
## DNA shearing (sonication)



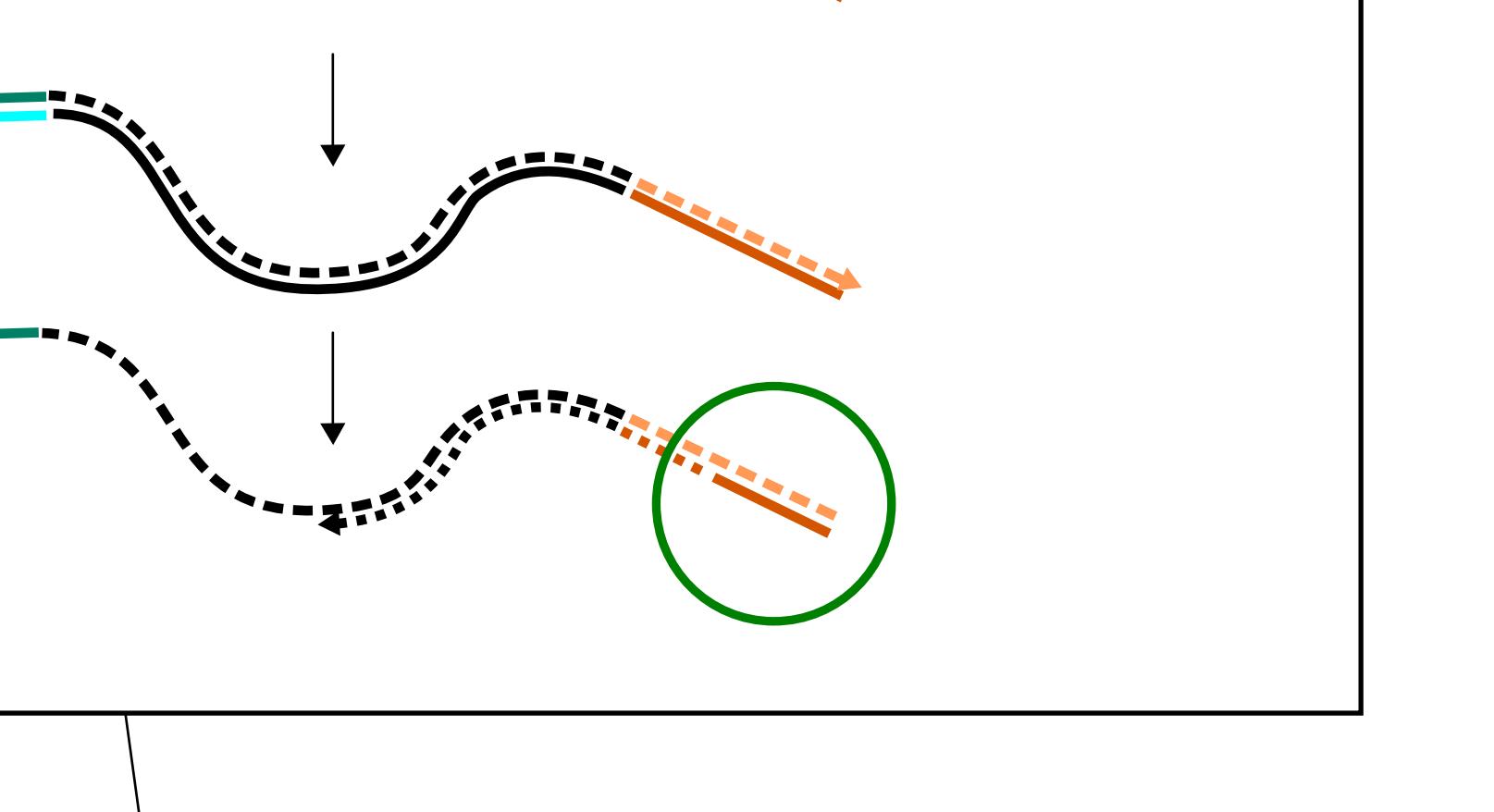
## Cleaning and concentrating



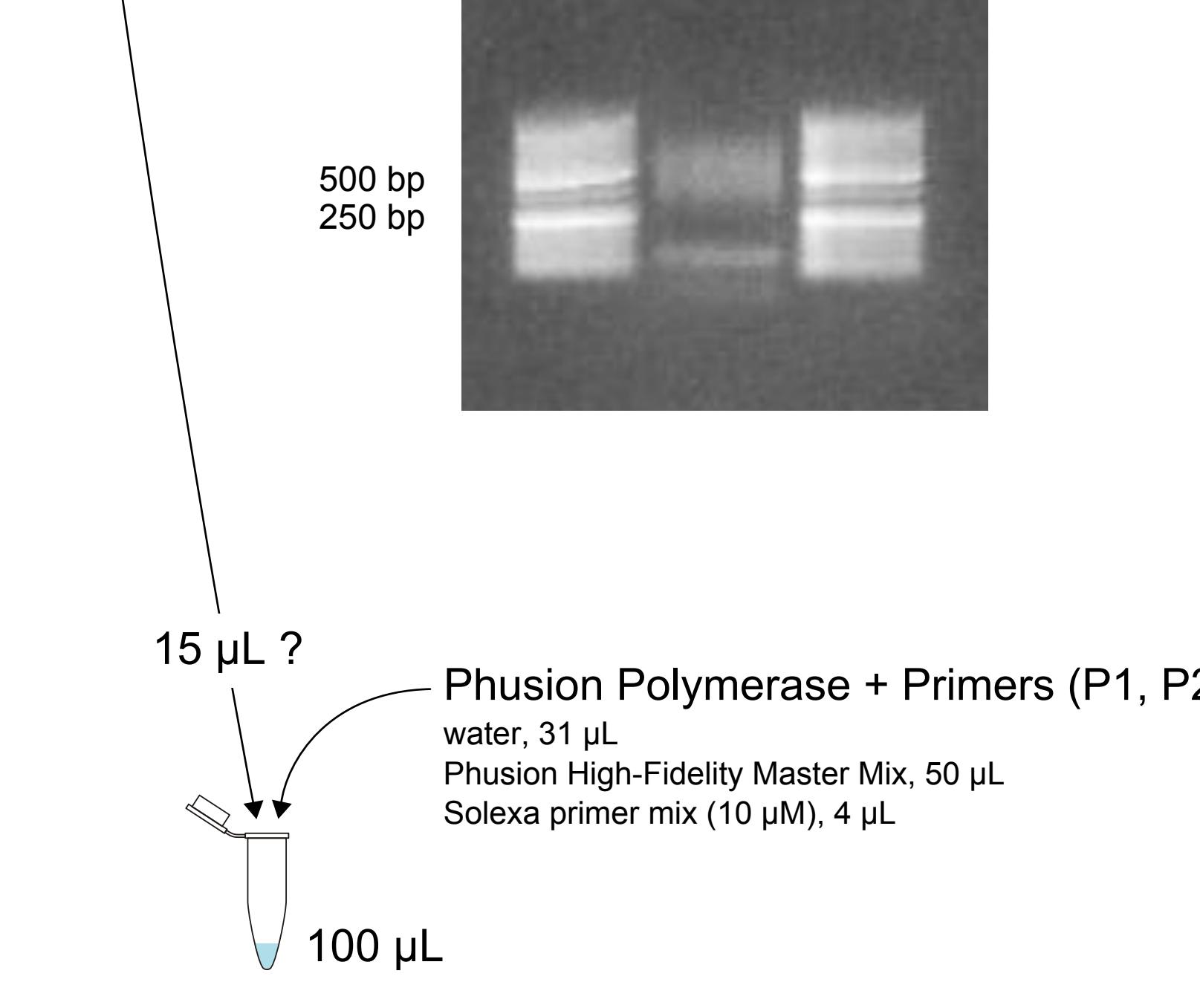
## Size selection



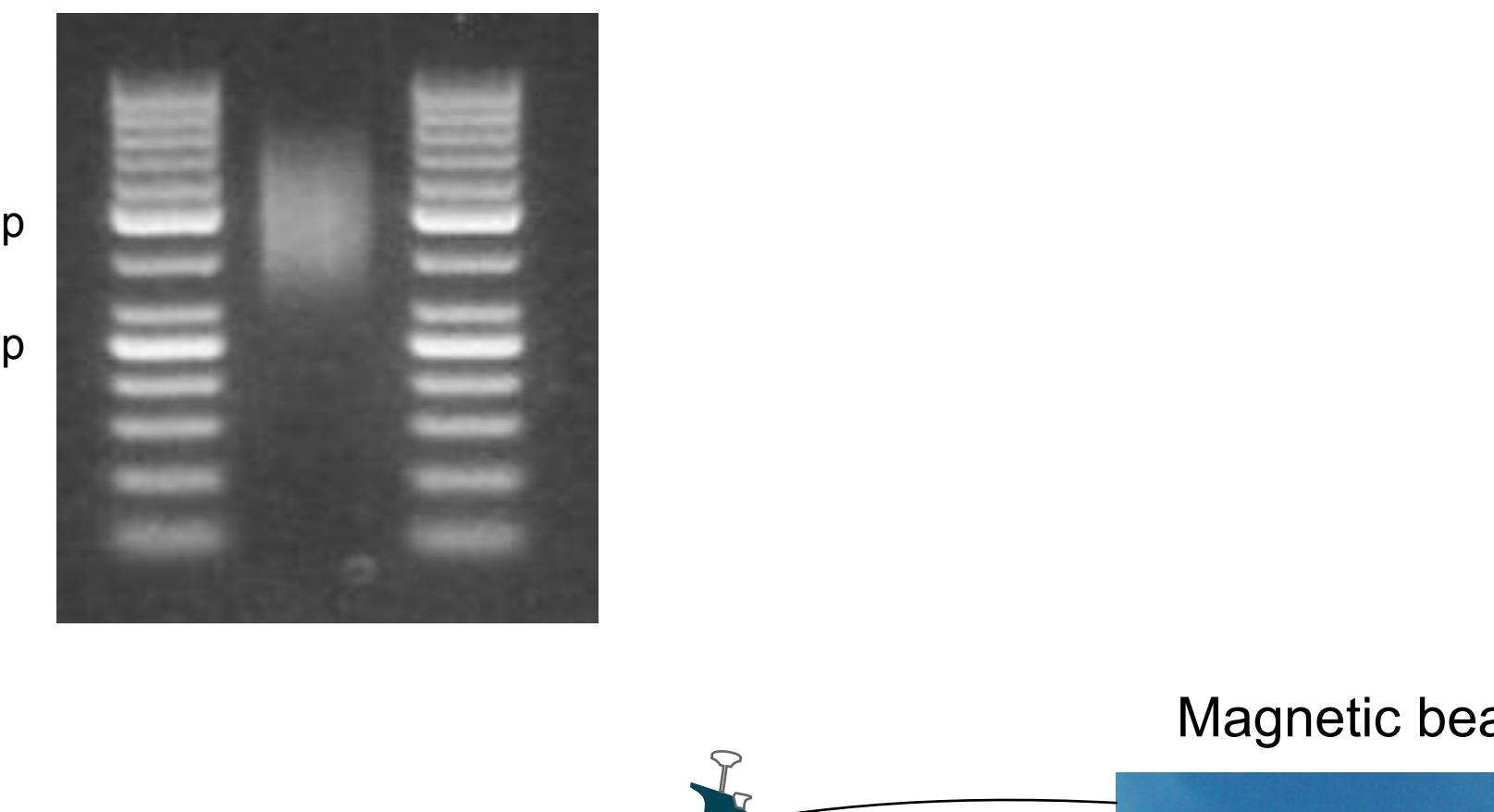
## Gel extraction



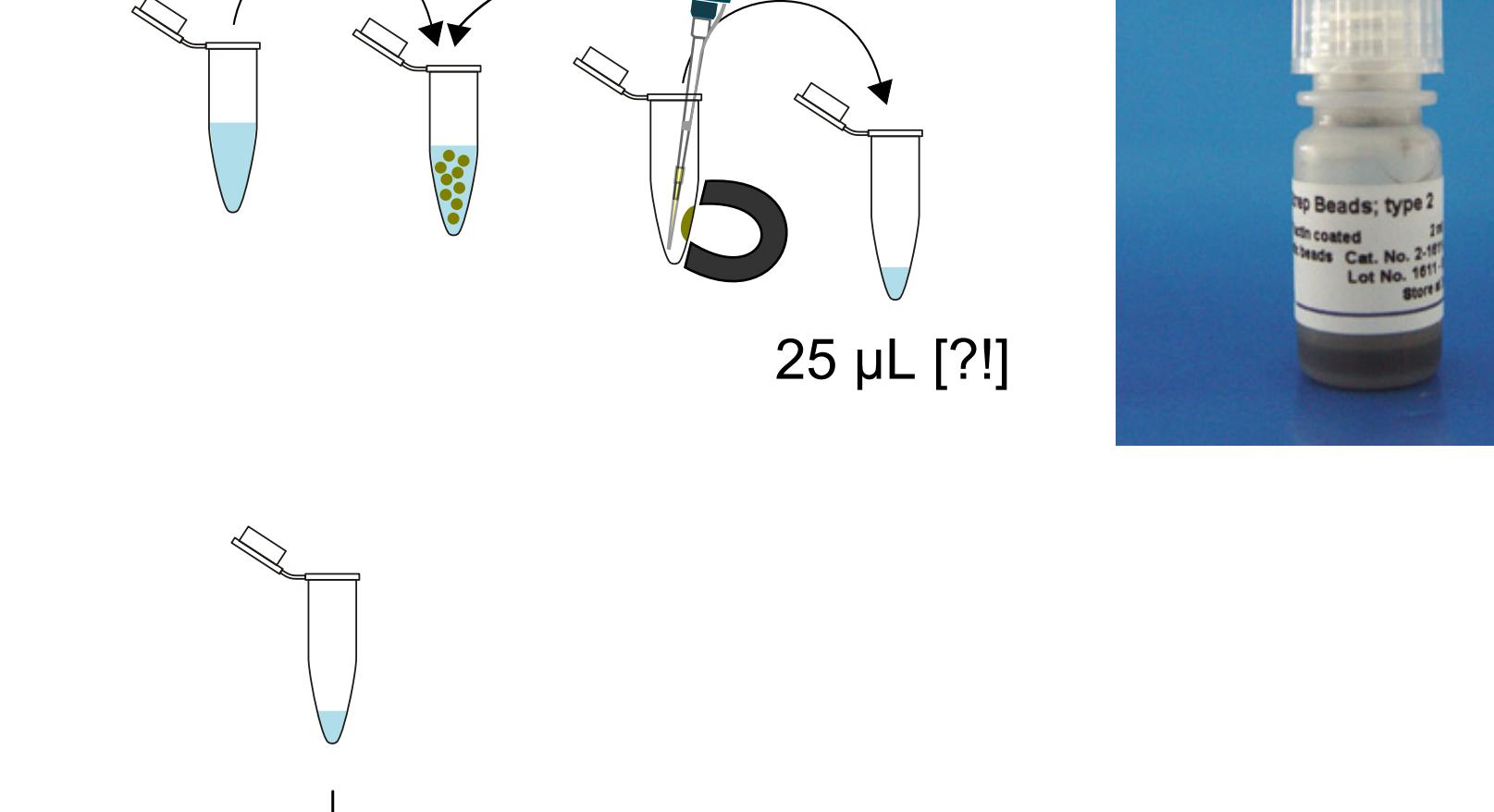
## End repair



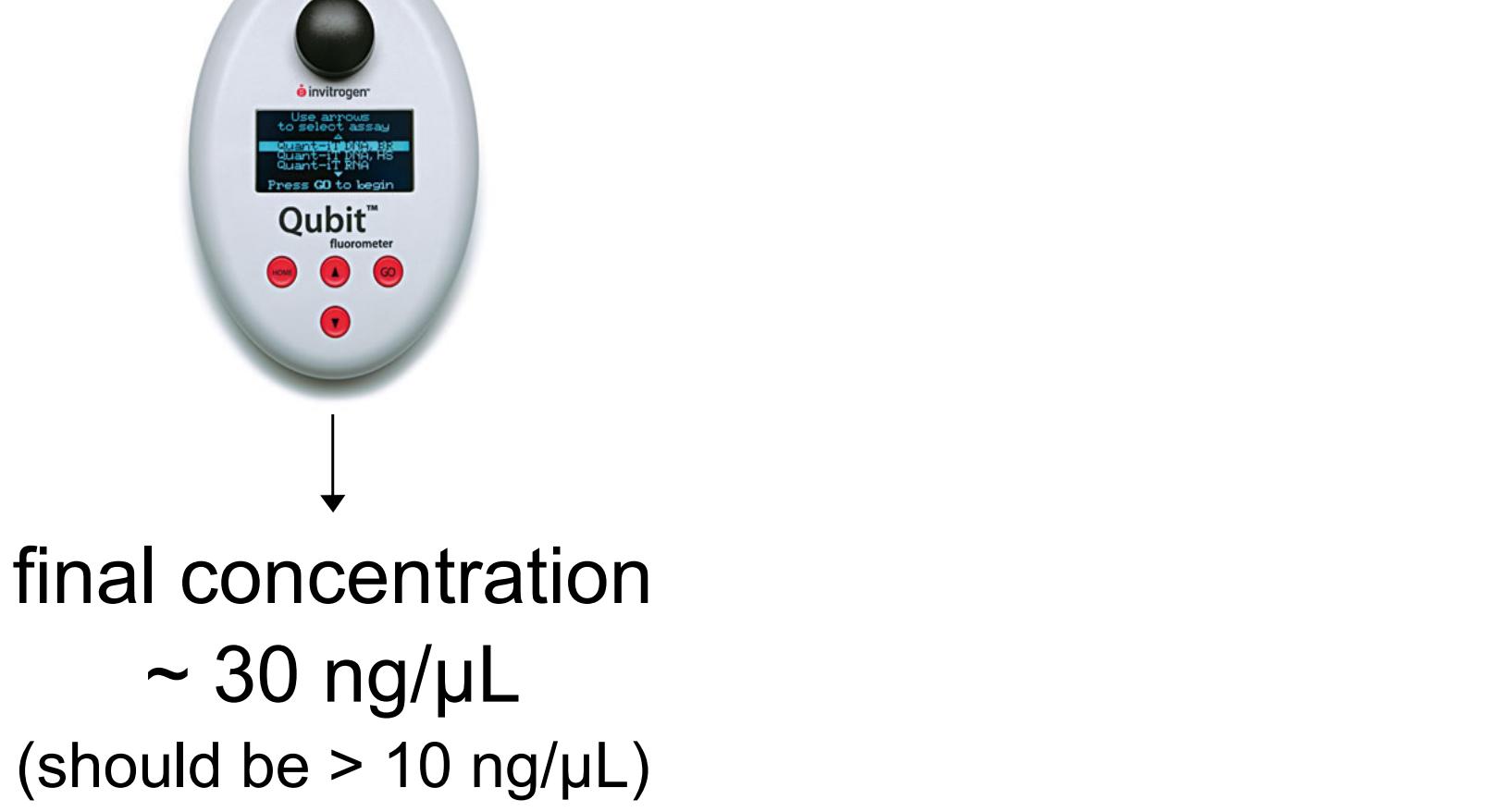
## Cleaning



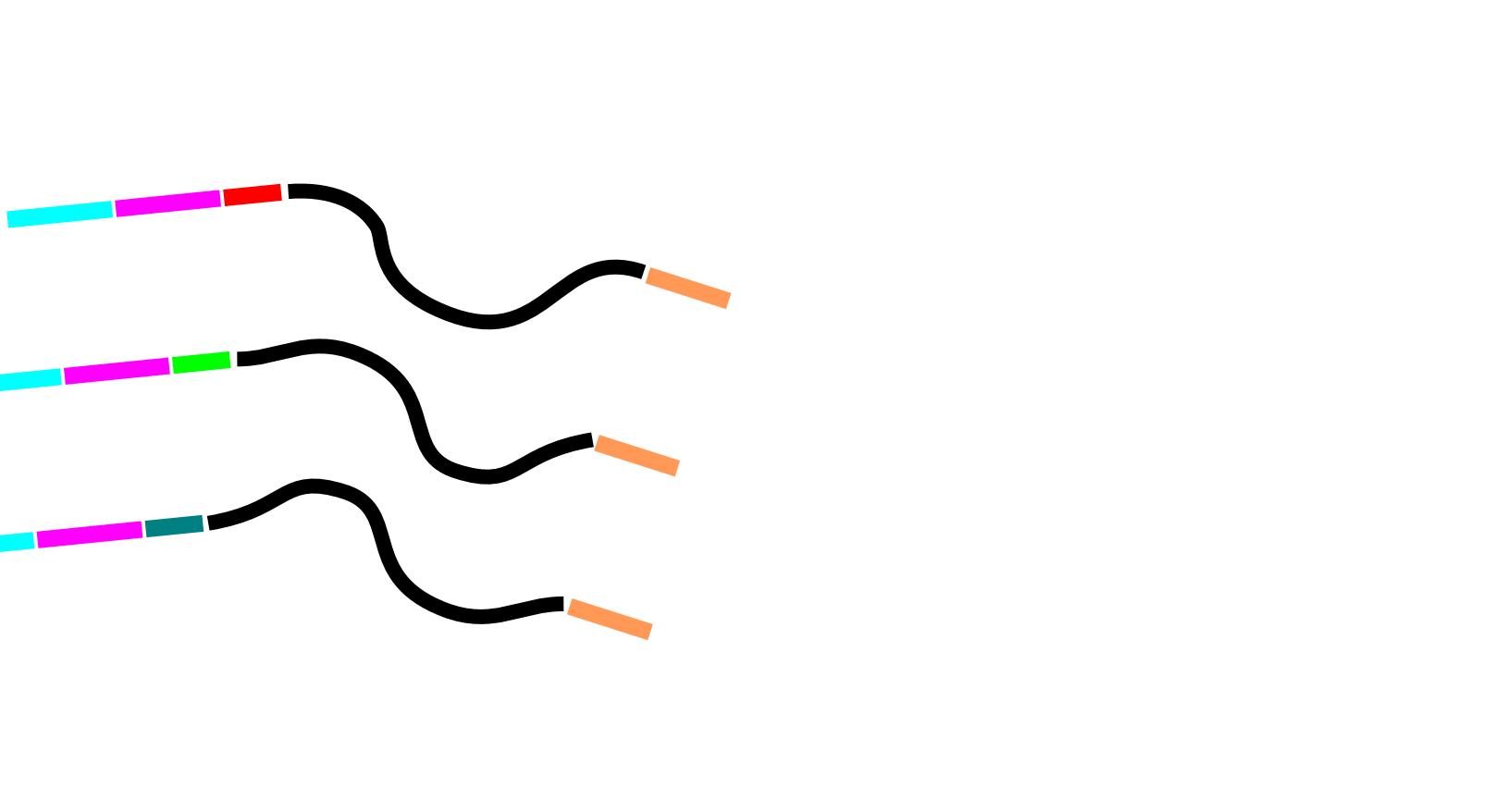
## 3' -dA overhang addition



## Cleaning



## P2 adapter ligation



## Cleaning



## Preliminary PCR



## PCR only amplifies fragments containing P1 (i.e. restriction site - associated)



## Massive PCR



## Cleaning



## DNA quantification



## RAD Library

