What we need to know about NGS in Hi-C

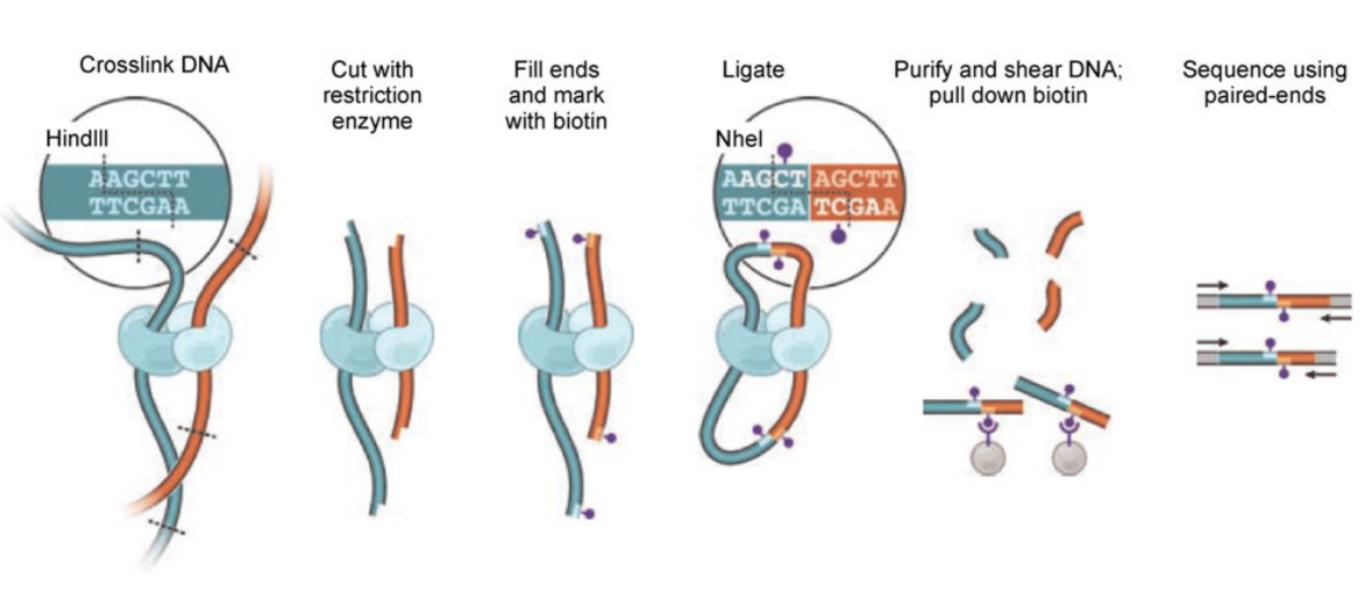
François Serra, David Castillo & Marc A. Marti-Renom

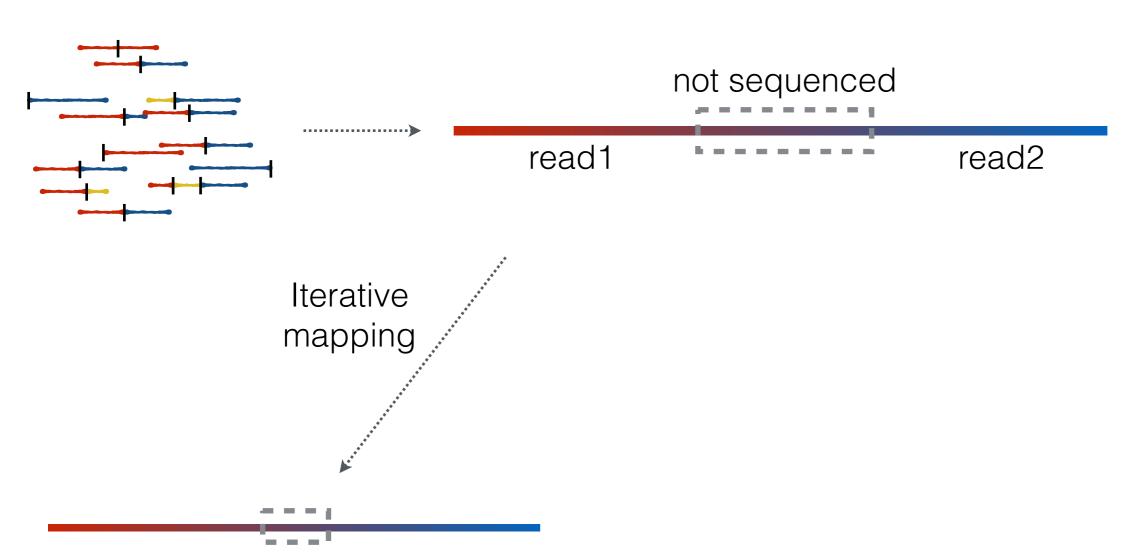
Structural Genomics Group (CNAG-CRG)

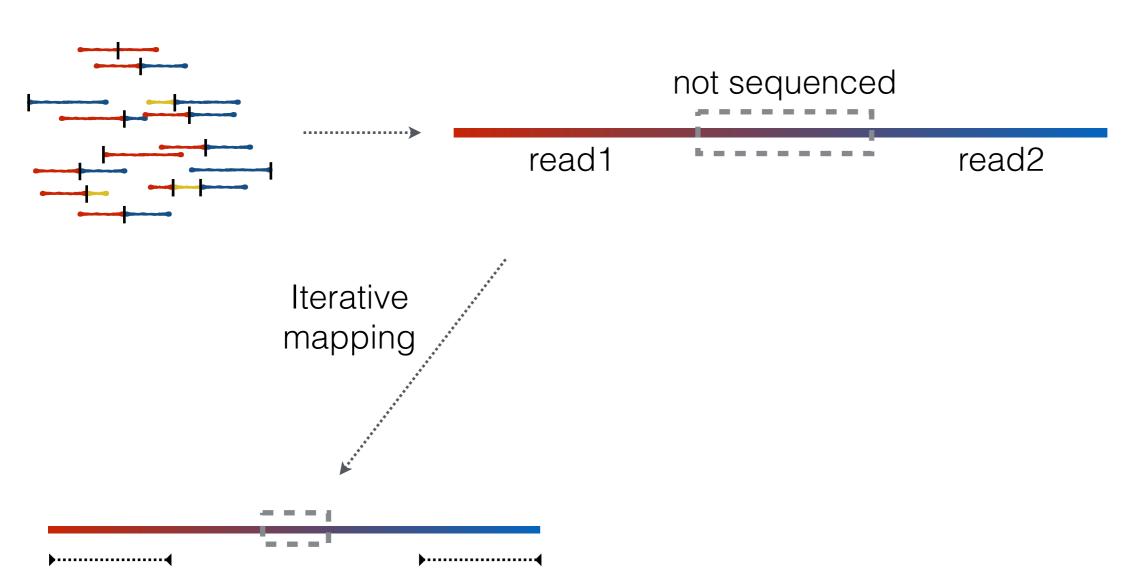


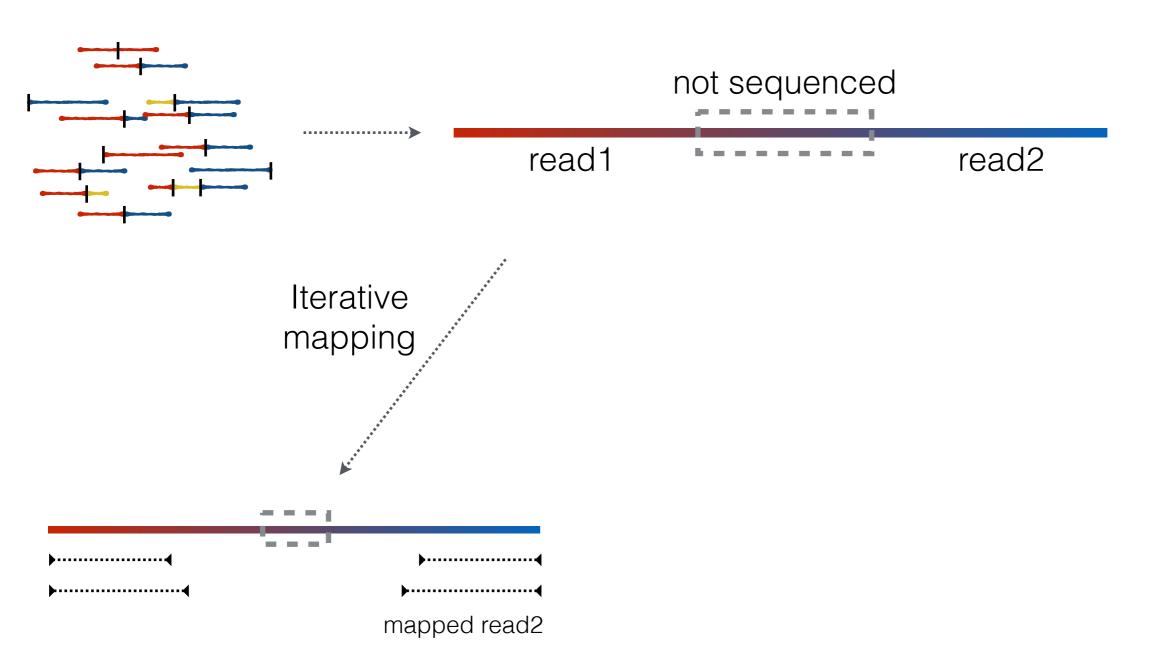


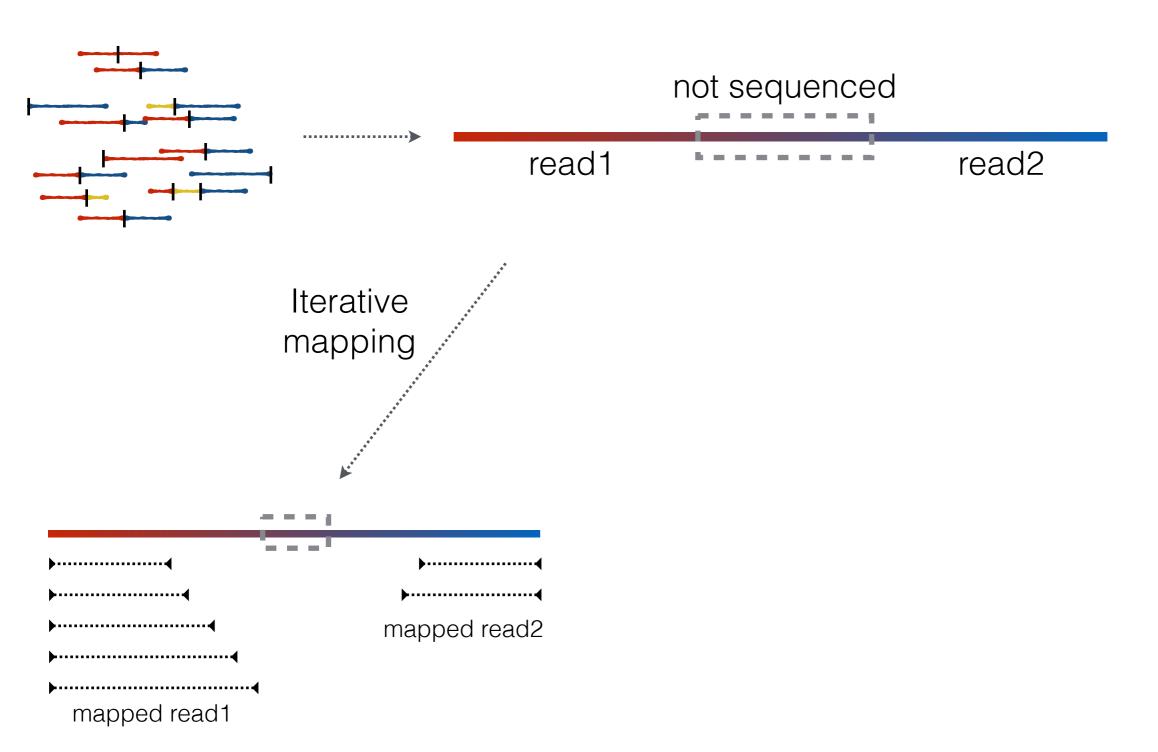
Hi-C experiment

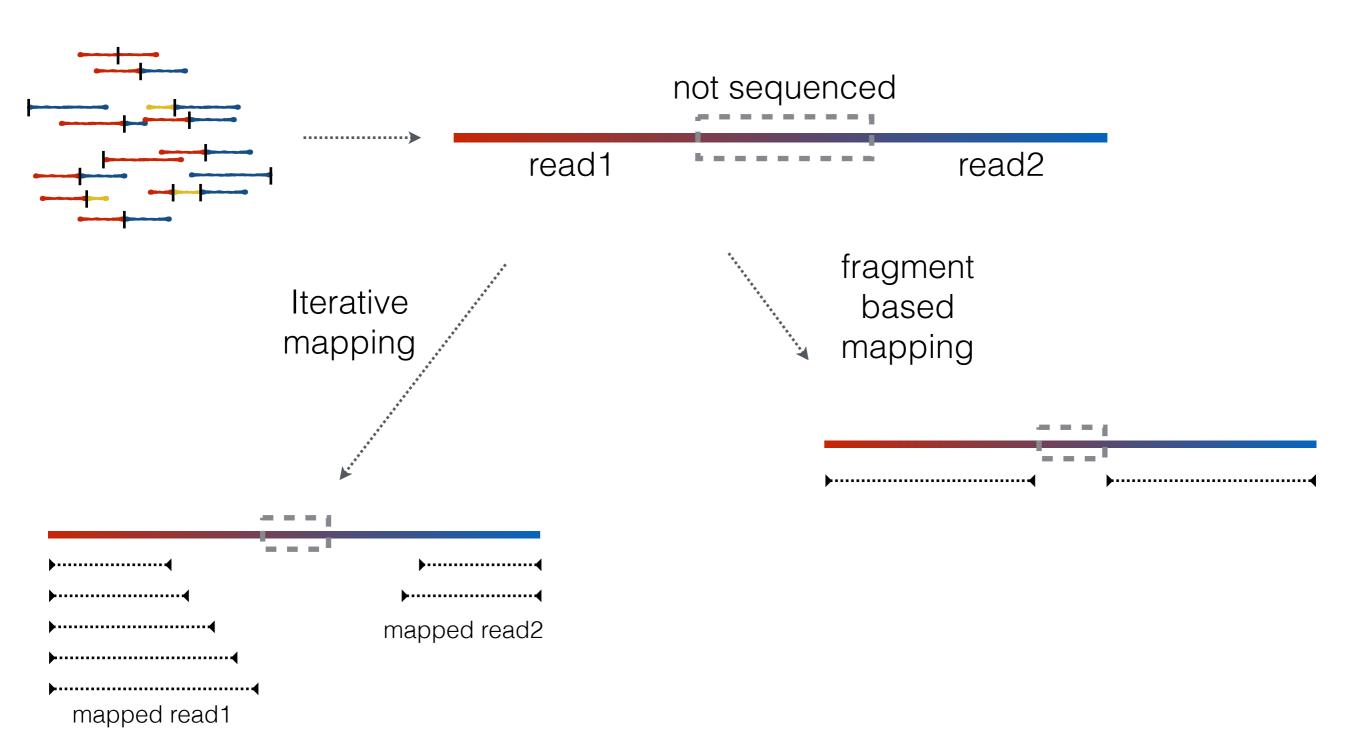


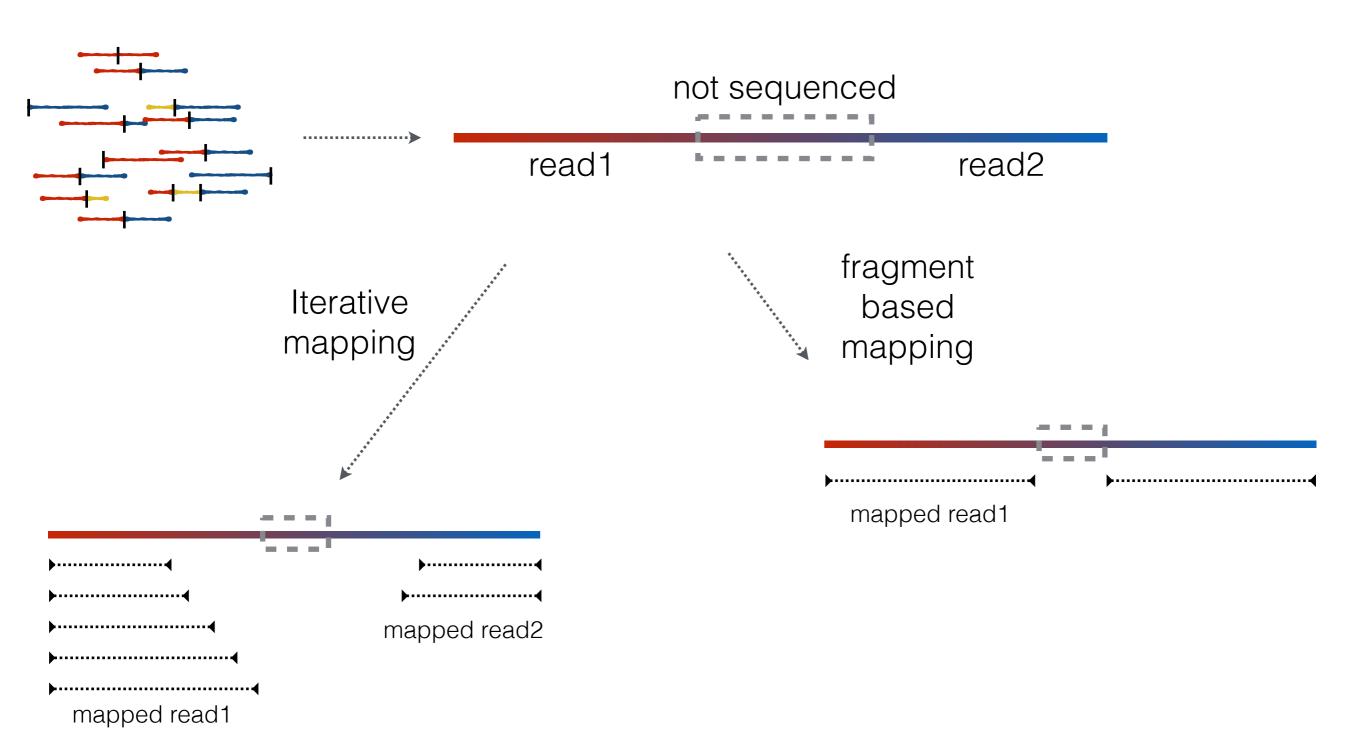


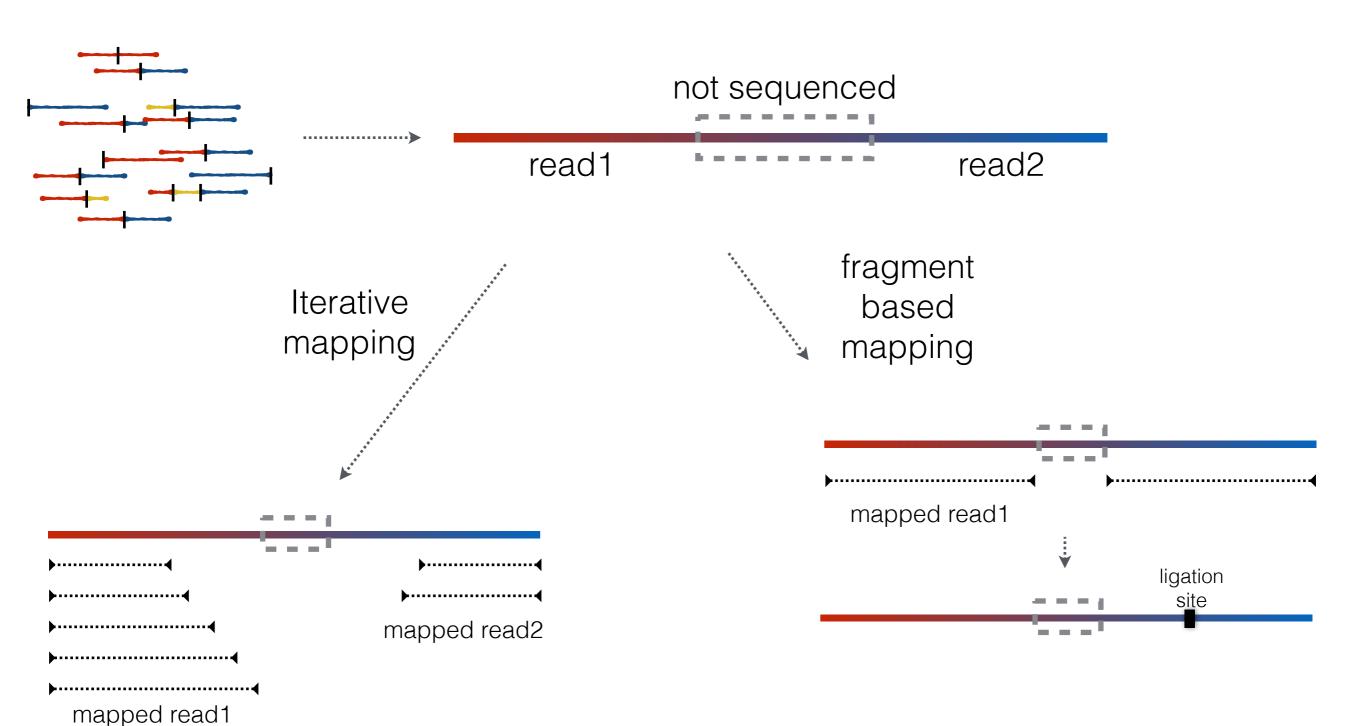


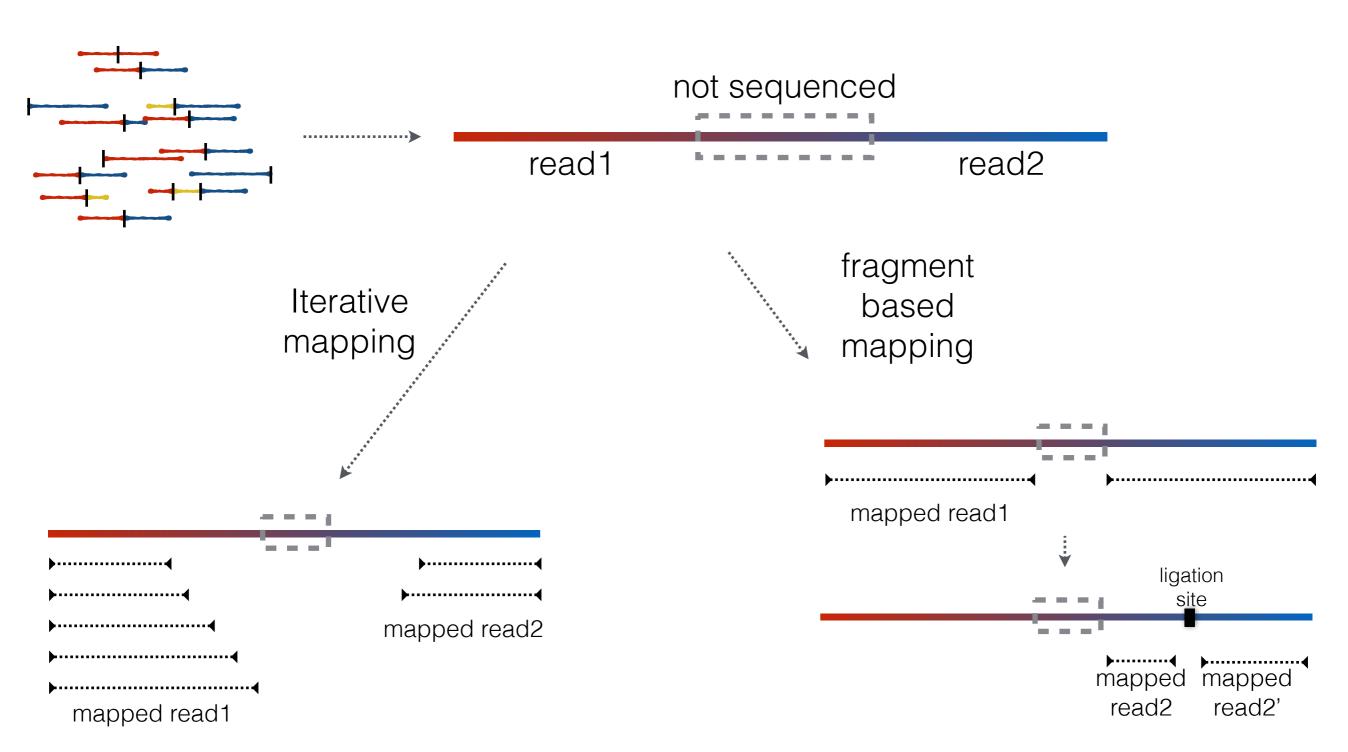


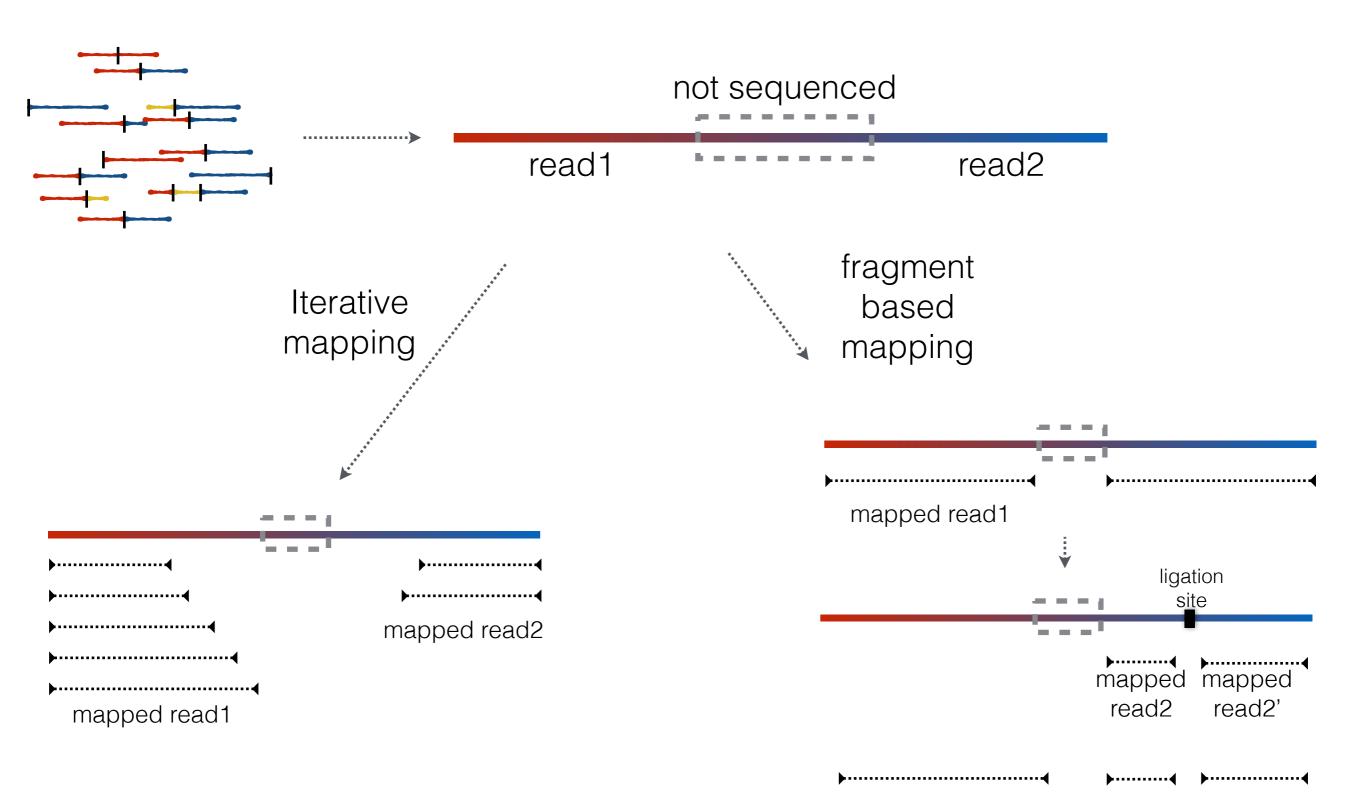


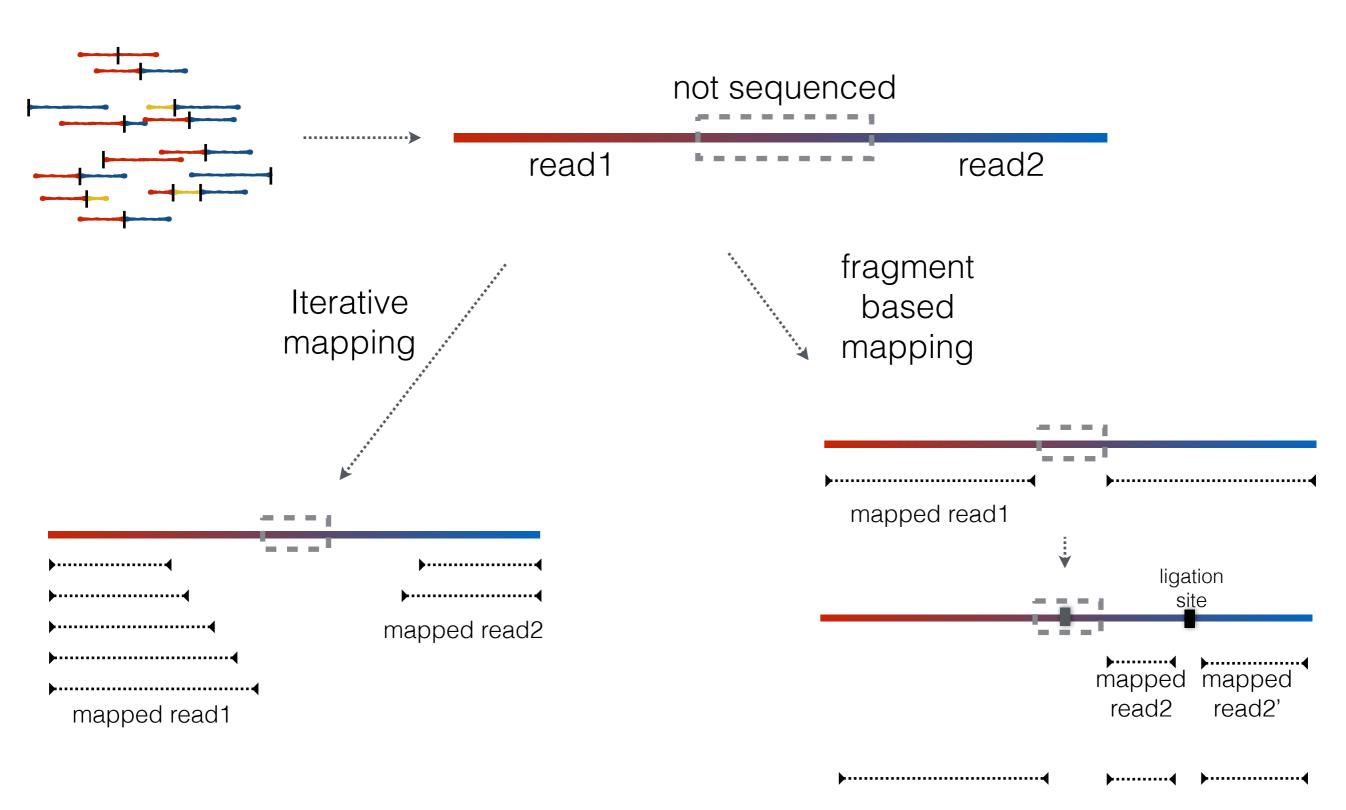


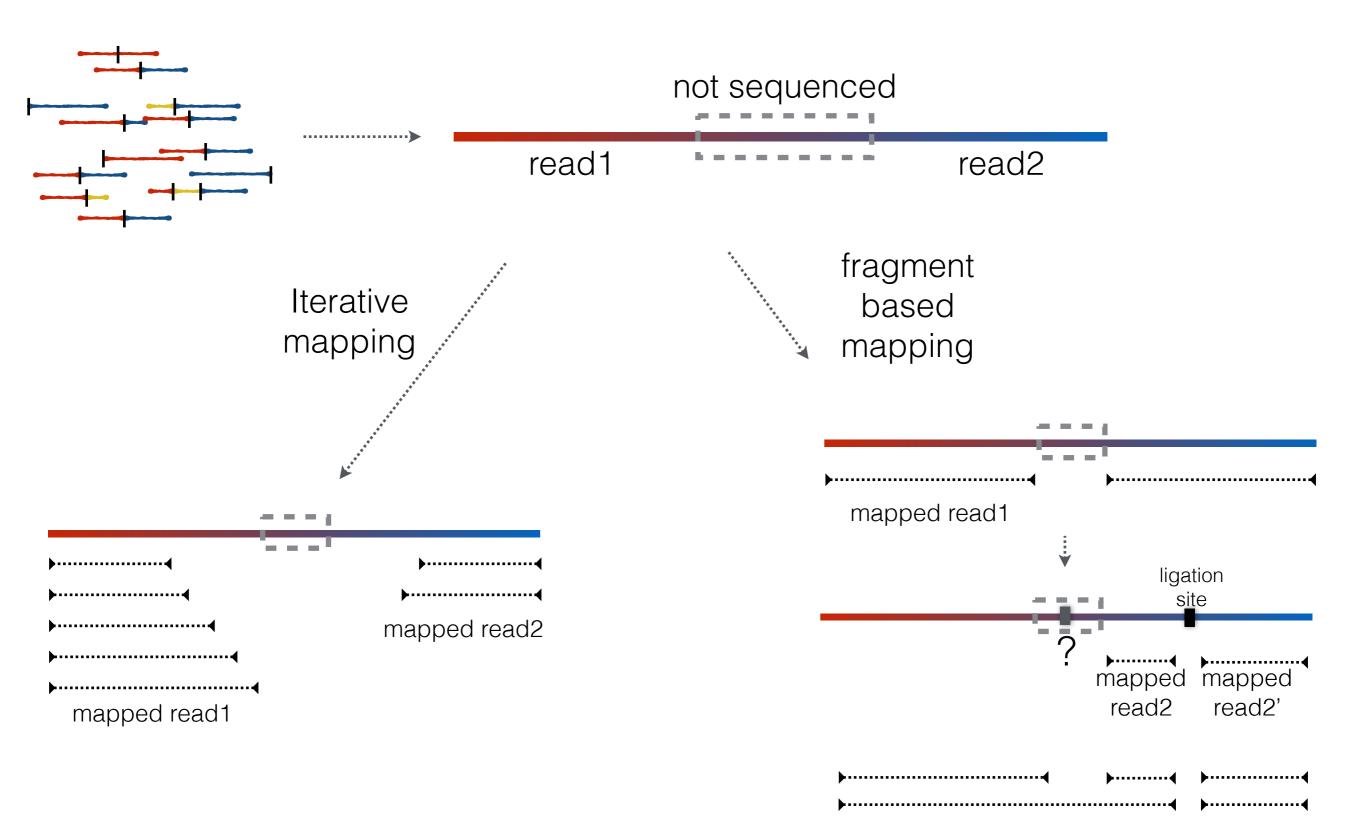












How much do we map?

- 80-90% each end => 64-81% intersection
- 1% multiple contacts
- many of these will be lost in the filtering...

