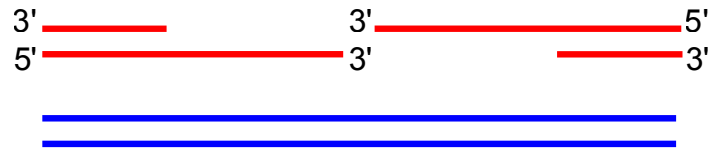


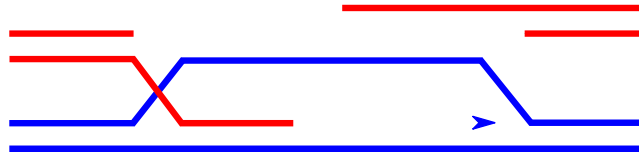
## Double-strand break



## Resection



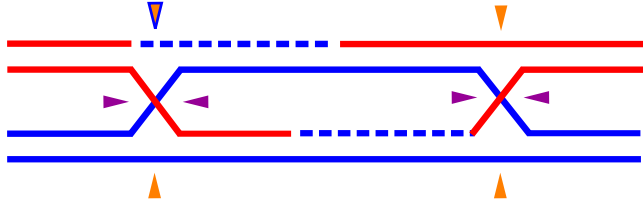
## Strand invasion, D-loop formation, DNA synthesis



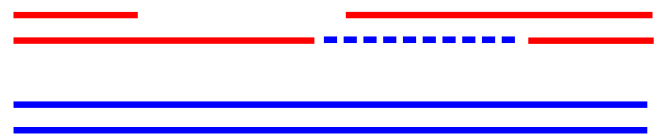
DSBR

SDSA

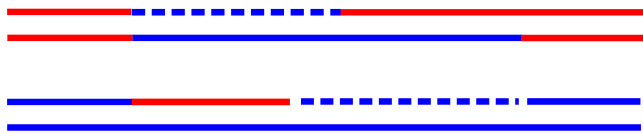
Second end capture,  
DNA synthesis,  
Ligation



Strand displacement annealing

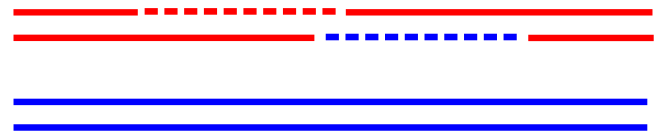


Branch migration,  
Resolution



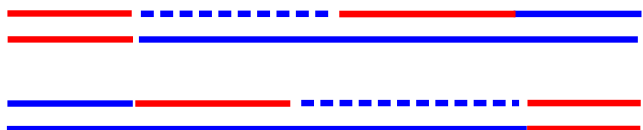
Non-crossover (uncommon)

DNA synthesis,  
Ligation



Non-crossover

or



Crossover (common)