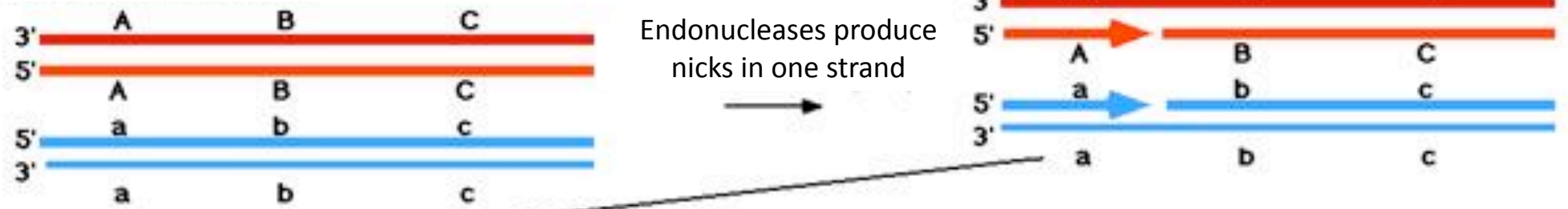


Homologous recombination



The free 3' ends are used to extend the opened strands



After several replications we have four different kind of homologous DNA



Two originals

and

Two recombined