

1.STEPS OF DNA REPLICATION:

- Initiation
- Elongation
- Termination

2.FUNCTIONS OF DNA REPLICATION ENZYMES:

- Topoisomerase:Relaxes the super-coiled DNA
- DNA helicase:It unwinds the double helix at the replication fork
- DNA polymerase:It synthesizes the new DNA strand,also proofreads and corrects some errors
- DNA ligase:Re-joins the two DNA strands into a double helix and joins Okazaki fragments of the lagging strand
- Primase:Provides the starting point for DNA polymerase to begin synthesis of the new strand.