

DNA REPLICATION

Match with the correct answers.

HELICASE	Catalyzes the relieve of the strain, preventing the supercoiling
DNA POLYMERASE I	Bind to the unpaired DNA strands, keeping them form re-pairing
PRIMASE	Catalyzes the synthesizing of a short RNA primer at the 5' end of the leading strand/3' end of DNA template
TOPOISOMERASE	Catalyzes the unwinding/untwist of of the double helix DNA at the replication forks
DNA POLYMERASE III	Catalyzes the degradation and replacement of RNA primer with DNA nucleotide
LIGASE	Catalyzes the addition of free DNA nucleotides to the 3' end of RNA primer complementary to the bases of the template
SINGLE STRAND BINDING PROTEIN	Catalyzes the joining of Okazaki fragments on lagging strand