TOBI KUYE

17/MHS07/015 CARRY OVER STUDENT

PHARMACOLOGY 1 STEPS OF DNA REPLICATION

INITIATION

ELONGATION

TERMINATION

2 FUNCTIONS OF DNA REPLICATION ENZYMES

SINGLE STRANDED BINDING PROTEIN: BIND TO AND STABILIZE SINGLE STRANDED DNA DURING DNA REPLICATION UNTIL SINGLE STRANDED DNA CAN BE USED AS A TEMPLATE FOR A NEW STRAND TO BIND TO.

DNA HELICASE:USED TO UNWIND DNA.

DNA GYRASE:CHANGE THE LINKING NUMBER OF DNA.

DNA PRIMASE: SYNTHESIZES PRIMERS

DNA LIGASE: MAKES REPAIRS IN THE DNA,SEALS RECOMBINATION FRAGMENTS,CONNECTS OKAZAKI FRAGMENTS

DNA POLYMERASE:SYNTHESIZES DNA FROM DEOXYRIBONUCLEOTIDES