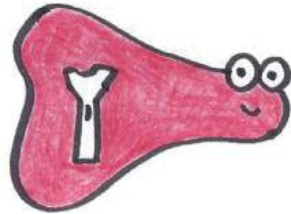
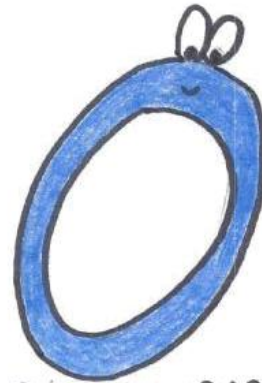


# HELICASE



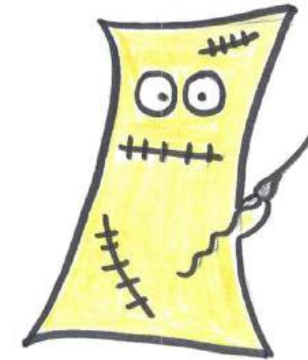
# TOPOISOMERASE



# DNA polymerase III



# LIGASE



# PRIMASE

single strand binding protein



SSBP

DNA polymerase I



it unzips and separates the two strands of DNA, forming replication fork

it synthesizes a short RNA primer which is later removed

It joins neighbouring fragments together

It helps the unwinding of DNA

They bind single strand DNA so that it can not close

It synthesizes new DNA adding nucleotides only in the 5' to 3' direction

It digests RNA primers and replaces it with DNA