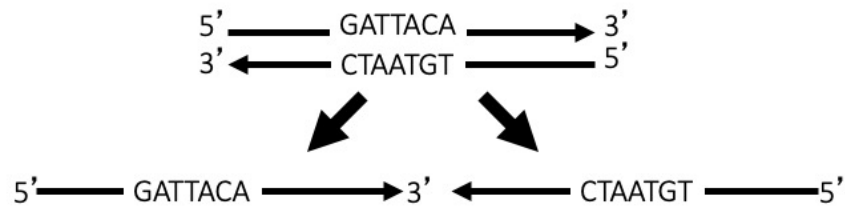


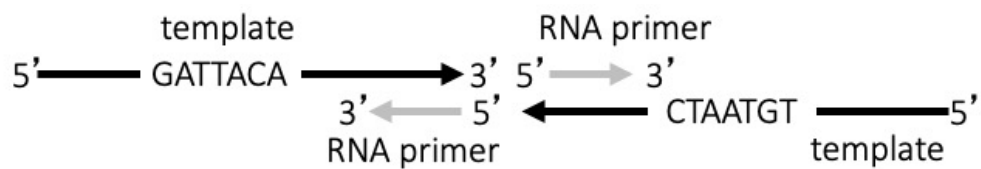
DNA replication – Reference Summary

The steps of DNA semiconservative replication (simplified)

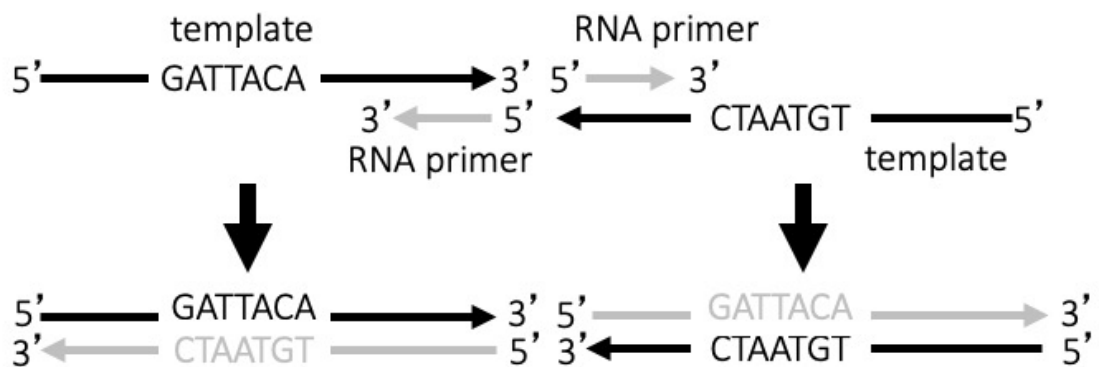
Step 1. The two strands of the original DNA separate



Step 2. RNA primers attach to the separated DNA strands



Step 3. The DNA is replicated off of the 3' end of the RNA primers



Thus, the result of DNA replication is two semiconservative, identical DNA molecules