

## Questions

1. Write the names of the nucleotides participating in DNA replication.
2. Which is the main enzyme of DNA replication?
3. The molecule used as a template during replication is .....  
(protein, DNA, mRNA, rRNA)
4. What is mRNA maturation?
5. What is the product of transcription?
6. Where in the cell translation occurs?
7. Write at least two molecules which participate in translation.
8. For the following question choose from the words bellow. Use each one once and only once:  
Testcross is a way to determine the.....of an individual showing the .....  
trait. This individual is crossed with a .....recessive individual.  
Answer: Dominant; Homozygous; Genotype;
9. For the following question choose from the words bellow. Use each one once and only once:  
Ribosomes attached to the ..... produce ..... during the  
process .....  
Answer: proteins; translation; rough endoplasmic reticulum
10. Which genes are linked?