

Name: _____

Class: 15+Date: 4/19/22

ID: A

Central Dogma Vocab Quiz

21/25

Matching

- a. ~~Nucleic Acid~~
- b. ~~Nucleotide~~
- c. ~~DNA~~
- d. ~~RNA~~
- e. ~~Double Helix~~
- f. ~~Deoxyribose~~
- g. ~~Ribose~~
- h. ~~Adenine~~
- i. ~~Guanine~~
- j. ~~Cytosine~~
- k. ~~Thymine~~
- l. ~~Uracil~~
- m. ~~DNA Replication~~

- n. ~~Transcription~~
- o. ~~Translation~~
- p. ~~Protein Synthesis~~
- q. ~~Ribosome~~
- r. ~~mRNA~~
- s. ~~tRNA~~
- t. ~~rRNA~~
- u. ~~Mutation~~
- v. ~~Deletion~~
- w. ~~Substitution~~
- x. ~~Insertion~~
- y. ~~Inversion~~

1. Nitrogen base that bonds with Cytosine in DNA

2. Type of RNA that makes up ribosomes

3. A change in DNA

4. Deoxyribonucleic Acid

5. Nitrogen base that bonds to Guanine in DNA

6. Removal of one or more nitrogen bases, ex: TAT becomes TA

7. mRNA to protein, occurs in the cytoplasm at the ribosome

8. Process of making proteins

9. Macromolecule that contains your genetic information

10. Nitrogen base that bonds with Adenine in DNA

11. Type of RNA that contains codons, it has the instructions for making RNA

12. Type of RNA that brings in the amino acids

13. Nitrogen base that replaces thymine in RNA

14. Monomer of nucleic acids, composed of sugar, phosphate and nitrogen base

15. Location of protein synthesis

16. Process of making copies of DNA

17. Ribonucleic Acid

18. Changing one or more nitrogen bases for another nitrogen base, ex: ATT becomes AGG

Name: _____

ID: A

- H 19. Nitrogen base that bonds to Thymine in DNA
- X 20. Change that adds one or more nitrogen bases, ex: AGG becomes AGTG
- F 21. Sugar in DNA
- O 22. Process of making RNA from DNA
- E 23. Shape of DNA
- Y 24. Change that switches nitrogen bases, ex: CAT becomes TAC
- G 25. Sugar in RNA