

Central Dogma Vocab Quiz

Matching

- | | |
|--------------------|----------------------|
| a. Nucleic Acid | n. Transcription |
| b. Nucleotide | o. Translation |
| c. DNA | p. Protein Synthesis |
| d. RNA | q. Ribosome |
| e. Double Helix | r. mRNA |
| f. Deoxyribose | s. tRNA |
| g. Ribose | t. rRNA |
| h. Adenine | u. Mutation |
| i. Guanine | v. Deletion |
| j. Cytosine | w. Substitution |
| k. Thymine | x. Insertion |
| l. Uracil | y. Inversion |
| m. DNA Replication | |

- | | |
|----------|---|
| <u>Y</u> | 1. Change that switches nitrogen bases, ex: CAT becomes TAC |
| <u>V</u> | 2. Removal of one or more nitrogen bases, ex: TAT becomes TA |
| <u>E</u> | 3. Shape of DNA |
| <u>L</u> | 4. Nitrogen base that replaces thymine in RNA |
| <u>H</u> | 5. Nitrogen base that bonds to Thymine in DNA |
| <u>V</u> | 6. A change in DNA |
| <u>B</u> | 7. Monomer of nucleic acids, composed of sugar, phosphate and nitrogen base |
| <u>C</u> | 8. Deoxyribonucleic Acid |
| <u>W</u> | 9. Changing one or more nitrogen bases for another nitrogen base, ex: ATT becomes AGG |
| <u>D</u> | 10. Ribonucleic Acid |
| <u>A</u> | 11. Macromolecule that contains your genetic information |
| <u>P</u> | 12. Process of making proteins |
| <u>N</u> | 13. Process of making RNA from DNA |
| <u>F</u> | 14. Sugar in DNA |
| <u>R</u> | 15. Type of RNA that contains codons, it has the instructions for making RNA |
| <u>O</u> | 16. mRNA to protein, occurs in the cytoplasm at the ribosome |
| <u>T</u> | 17. Type of RNA that makes up ribosomes |
| <u>X</u> | 18. Change that adds one or more nitrogen bases, ex: AGG becomes AGTG |

Name: _____

ID: B

- Q 19. Location of protein synthesis
- J 20. Nitrogen base that bonds to Guanine in DNA
- G 21. Sugar in RNA
- M 22. Process of making copies of DNA
- S 23. Type of RNA that brings in the amino acids
- K 24. Nitrogen base that bonds with Adenine in DNA
- I 25. Nitrogen base that bonds with Cytosine in DNA