

19. The material made of amino acids that causes most of the differences we see in organisms is called proteins.
20. The form of mutation where one base is replaced by another kind is called substitution.
21. The organelle where proteins are synthesized by messenger RNA and transfer RNA is called a ribosome.
22. A change in DNA caused by random error or a mutagen is called a mutation.
23. The material shaped like a double helix that determines inherited characteristics is called DNA.
24. A string of nucleotides that give the cell information about how to make a specific trait is called a gene.
25. A molecule that makes a mirror copy of sections of DNA and helps make protein is called a RNA.
26. What is the difference between DNA and RNA?

DNA → exact copy of a set of DNA found in each cell of an organism.

RNA → used to carry copies of DNA code around the cell and build proteins based on the code.