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| **Biological term** | **Description** |
| Deoxyribose | A sugar molecule found in a nucleotide of DNA |
| DNA profile | A bar code pattern formed from DNA which is unique to each person/organism |
| Hydrogen bond | The weak bond between nitrogenous bases in a DNA molecule |
| Nuclear pores | Openings in the nuclear membrane that allow mRNA to leave the nucleus |
| Peptide bond | The name of the bond that forms between amino acids in a protein molecule |
| Replication | The process by which a DNA molecule makes identical copies of itself |
| Ribose | The type of sugar found in an RNA molecule |
| Ribosome | The organelle in the cytoplasm which is the site of protein synthesis |
| Transcription | The stage of protein synthesis during which mRNA forms from DNA |
| Translation | The stage of protein synthesis during which tRNA interprets the message on the mRNA to form a specific protein |
| tRNA/transfer RNA | The type of nucleic acid that carries a specific amino acid |
| Uracil | Nitrogenous base found only in RNA molecules |

**DNA: Code of life**