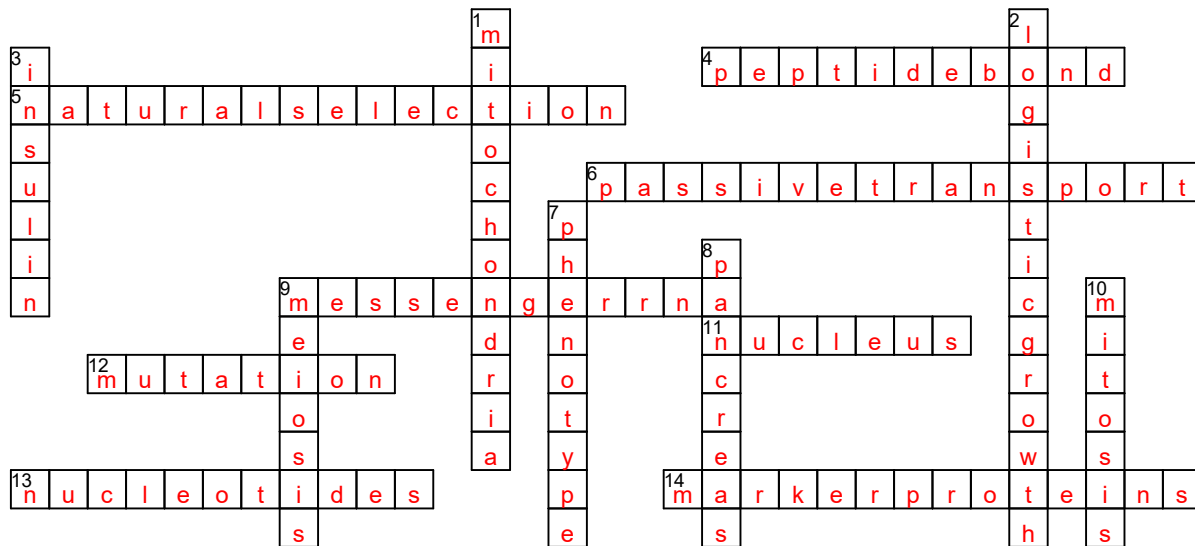


# AP Biology Vocabulary Crossword Puzzle 26

1. Using the Across and Down clues, write the correct words in the numbered grid below.



## ACROSS

4. Bond formed between adjacent amino acids; between carboxyl group of one amino acid and amine group of other amino acid.
5. The theory that explains how a population changes over time to reflect the individuals who are most successful.
6. The transport of molecules across the cell membrane without the use of energy.
9. RNA made from DNA that carries the nucleotide template to the ribosome for protein synthesis.
11. Membrane bound cell organelle that contains genetic material.
12. A change in the DNA either by changing a chromosome's structure or the order of nucleotides.
13. The monomer subunit that links together along the sugar phosphate backbone to form nucleic acids.
14. Proteins embedded in the cell membrane which allow organisms to differentiate between self and non-self cells.

## DOWN

1. In eukaryotic cells it is the site of the Krebs cycle and electron transport chain of aerobic cellular respiration.
2. The type of population growth where the population has reached the carrying capacity and stays at a relatively constant level as indicated by a J curve.
3. The hormone that lowers blood sugar by having it stored as glycogen in the liver and increasing cellular uptake.
7. The physical appearance of an organism as a result of the interaction of its genotype and environment.
8. The gland that releases glucagon and insulin to help control blood sugar.
9. The type of nuclear division that leads to four nuclei with a haploid complement of chromosomes produced from one diploid nucleus.
10. The type of nuclear division that leads to two nuclei with the entire diploid complement of chromosomes.

insulin  
natural selection  
phenotype  
nucleotides

peptide bond  
meiosis  
marker proteins  
mitochondria

mutation  
nucleus  
pancreas  
passive transport

mitosis  
messenger RNA  
logistic growth