

AP Biology Vocabulary Matching 23

Write the word that best matches each definition or clue.

1. _____ The region of a chromosome to which the microtubules of the spindle attach, via the kinetochore, during cell division.
2. _____ The process of breaking down glucose to make ATP.
3. _____ The DNA when it is wrapped up tightly around proteins during metaphase.
4. _____ The green pigment molecule found in the chloroplasts of higher plants and in cells of photosynthetic microorganisms which is primarily involved in absorbing light energy for photosynthesis.
5. _____ The many characteristics of the experimental group and control group which are held constant.
6. _____ The three nucleotide combination on the messenger RNA that matches up with the three letter combination on the transfer RNA and has the information to code for one amino acid.
7. _____ The attractive force between polar molecules of the same substance.
8. _____ Form of dominance in which the alleles of a gene pair in a heterozygote are fully expressed thereby resulting in offspring with a phenotype that is neither dominant or recessive.
9. _____ An intramolecular bond where atoms are sharing electrons equally.
10. _____ The steroid embedded in the cell membrane that keeps the membrane fluid and strong.
11. _____ The unwound form of DNA that is accessible for making RNA.
12. _____ The cell part responsible for photosynthesis in eukaryotic cells.
13. _____ Structural part of some cells that can be made of cellulose, peptidoglycan, or chitin depending on what kingdom the organism belongs to.
14. _____ An organelle near the nucleus of a cell that contains the centrioles (in animal cells) and from which the spindle fibers develop in cell division.
15. _____ The continuous series of events that all somatic cells go through that includes interphase, mitosis, and cytokinesis.

cholesterol

codominance

cohesion

cell cycle

cellular respiration

chromatin

chloroplast

cell wall

chlorophyll

centrosome

centromere

covalent bond

codon

chromosomes

controlled variables