

# Activity 64 Biology: Word Matching

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**Puzzle # 4 of 10:** Match definitions on the right with their corresponding word on the left.

Word Bank	Definition List
_____ 1. Autosomes	(A) The specific portion of an enzyme that attaches to the substrate by means of weak chemical bonds.
_____ 2. Dihybrid	(B) chromosomes that are not directly involved in determining the sex of an individual.
_____ 3. Homeostasis	(C) a thin membrane around the cytoplasm of a cell.
_____ 4. Protein	(D) a general term for the research activity that creates a copy of some biological entity (a gene or organism or cell).
_____ 5. Transgenic	(E) An organism that is heterozygous with respect to two genes of interest.
_____ 6. Cell Wall	(F) nonflavored alcohol of 95 percent (190 proof) used for blending with whiskies and in making liqueurs.
_____ 7. Lysosome	(G) regulation of transcription; controlled by an operon which varies the accessibility of the RNA polymerase to genes being transcribed.
_____ 8. Cloning	(H) metabolic equilibrium actively maintained by several complex biological mechanisms that operate <i>via</i> the autonomic nervous system to offset disrupting changes.
_____ 9. RNA	(I) an organelle found in the cytoplasm of most cells (especially in leukocytes, liver and kidney cells).
_____ 10. Ethyl Alcohol	(J) process by which individuals that are better suited to their environment survive and reproduce most successfully; also called survival of the fittest.
_____ 11. Gene Regulation	(K) the movement of substances across a cell membrane without the use of energy by the cell.
_____ 12. Natural Selection	(L) macromolecule that contains carbon, hydrogen, oxygen, and nitrogen.
_____ 13. Passive Transport	(M) a long linear polymer of nucleotides found in the nucleus but mainly in the cytoplasm of a cell.
_____ 14. Active Site	(N) organism whose genome has been altered to contain one or more genes from another organism or species.

**(Self-Check. Don't Peek!)**

1:B 2:E 3:H 4:L 5:N 6:C 7:I 8:D 9:M 10:F 11:G 12:J 13:K 14:A

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