Name:	Date:	

Biotechnology

Across

- 1. process of making changes in DNA code of living organisms
- **2.** genetic alternation of a cell
- **4.** continued breeding of the individuals with similar characteristics of a line of organisms
- 6. procedure used to spread and analyze DNA fragments by placing a mixture of DNA fragments at one end of a porbus gel and applying an electrical voltage from different sources
- **11.** enzyme that cuts DNA at a specific sequence of nucleotides
- **12.** term used to refer an organism that contains genes from other organisms
- **13.** breeding technique that involves crossing dissimilar individuals to bring together the best traits of both organisms
- **14.** small circular piece of DNA
- 15. method of breeding that allows only those individual organisms with desired characteristics to produce the next generation

<u>Down</u>

3. DNA produced by combining DNA from different sources

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- **5.** member of a population of genetically identical cells
- 7. gene that makes it possible to distinguish bacteria that carry a plasmid with forge in DNA from those that don't
- **8.** technique that allows molecular biologists to make many copies of a particular gene
- **9.** stands for ribonucleic acid
- 10. stands for deoxyribonucleic acid

