

# CHAPTER 16 DNA TECHNOLOGY

## Review the Key Terms

cell culture

clones

gene splicing

gene therapy

genetic engineering

human genome

linkage map

plasmid

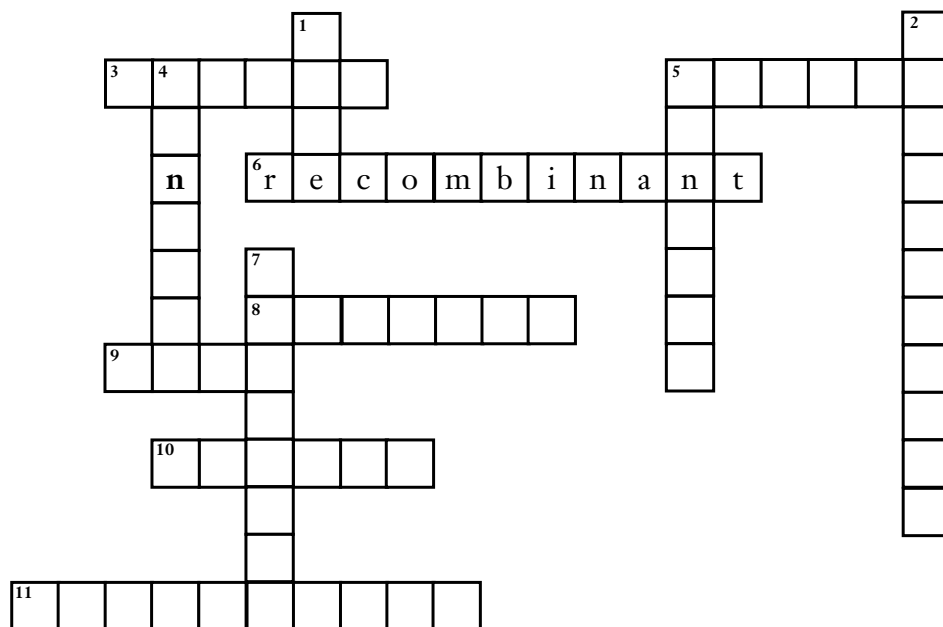
recombinant DNA

restriction enzyme

transgenic organism

vector

Use the Chapter 16 key terms to complete the crossword puzzle. One key term has been filled in for you.



## ACROSS

- organisms that are genetically identical
- the thousands of genes that make up the 46 human chromosomes
- DNA made by connecting pieces of DNA
- small ring of DNA
- Scientists sometimes grow cells in a(n) \_\_\_\_\_ culture.
- A mechanical or biological \_\_\_\_\_ is used to transfer DNA.
- An organism that has been changed by genetic engineering is a(n) \_\_\_\_\_ organism.

## DOWN

- therapy that can be used to correct genetic disorders
- enzymes used to cut DNA molecules
- map showing the location of genes on a chromosome
- engineering used to move genes from one organism to another
- Gene \_\_\_\_\_ is used to reconnect pieces of DNA.