



## 14.3 Studying the Human Genome

### Learning Objectives

**LO 14.3.1** Explain how DNA sequencing led to the development of recombinant DNA technology, which is the process of joining DNA from different sources to create new genetic combinations (LO 14.3.1.1)

- Describe recombinant DNA technology, which is the process of joining DNA from different sources to create new genetic combinations (LO 14.3.1.1)
- Explain how recombinant DNA technology is used to create recombinant DNA molecules (LO 14.3.1.2)
- Explain how recombinant DNA technology is used to create recombinant DNA molecules (LO 14.3.1.3)
- Explain how recombinant DNA technology is used to create recombinant DNA molecules (LO 14.3.1.4)

The **Human Genome Project** was a large international effort to sequence all human DNA. The project was completed in 2003.

- Explain how the Human Genome Project was completed (LO 14.3.2.1)
- Explain how the Human Genome Project was completed (LO 14.3.2.2)
- Explain how the Human Genome Project was completed (LO 14.3.2.3)
- Explain how the Human Genome Project was completed (LO 14.3.2.4)

# Genetics And Biotechnology Study Guide Answers

**Disha Experts**



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