

Name \_\_\_\_\_ Block \_\_\_\_\_ Date \_\_\_\_\_

| Biotechnology       | Description | Uses / Examples | Controversy |
|---------------------|-------------|-----------------|-------------|
| DNA Sequencing      |             |                 |             |
| Genetic Engineering |             |                 |             |
| Cloning             |             |                 |             |

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|                       |  |  |  |
|-----------------------|--|--|--|
| DNA<br>Fingerprinting |  |  |  |
| Karyotyping           |  |  |  |

In general, what is the purpose of genetic technologies?

Why are all of these technologies possible?

What does this universal similarity suggest about the relationships among all organisms on this planet?