

Microbiology Learning Objectives C9  
Biotechnology and DNA Technology  
Revised 2/9/2017

1. What is biotechnology?
2. What is recombinant DNA technology? What is another term used to describe recombinant DNA?
3. What is the human genome project? What was the surprising finding from the human genome project?
4. What are the ethical concerns associated with rDNA?
5. What is a vector? Shuttle vectors?
6. What is a clone?
7. Study the slide "A Typical Genetic Modification Procedure". Know all steps.
8. What is a restriction enzyme? What organisms make restriction enzymes? How are they used?