

Ch 13-1, 13-4 & 14-1: Changing the Living World, Genetic Engineering, Human Molecular Genetics

Essential Questions:

- What is the purpose of *selective breeding*?
- Why do breeders induce *mutations*?
- How are *transgenic organisms* useful to humans?
- What is *gene therapy*?

Ch 13-1: Changing the Living World

- Selective breeding



- Selective Breeding, cont.
 - Hybridization



- Selective Breeding, cont.
 - Inbreeding



- Increasing variation
 - Inducing **mutations**



Ch 13-4: Transgenic Organisms

- Genetic Engineering
- Transgenic organisms

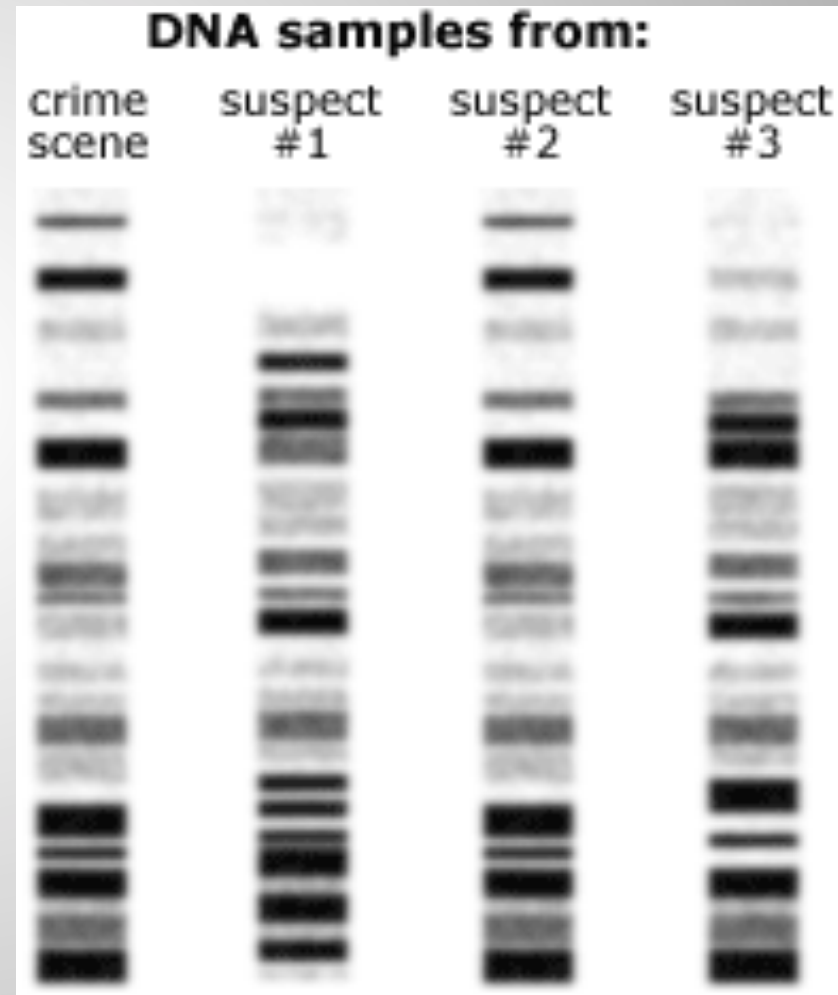


- Cloning
 - Clone



Ch 14-3: Human molecular genetics

- DNA Fingerprinting
- Human Genome Project



- Gene Therapy

