**Genetics, GMO’s Biotechnology Review**

Allele, homozygous, heterozygous, phenotype, genotype

Principle of dominance, incomplete dominance, codominance, examples of incomplete and codominance

Function of gel electrophoresis, restriction enzymes, DNA fingerprinting, reading and interpreting a gel, analyzing DNA by gel electrophoresis allows researchers to do what, what does it mean when two samples of DNA show identical thickness in their banding pattern.

How does scientist make transgenic organisms, advantages of transgenic organisms, uses of transgenic bacteria, examples of plants that are transgenic?

Genotypes and phenotypes for blood typing (ABO blood typing)

Use a restriction enzyme to cut a piece of DNA and determine how many fragments are produced

Look at a gel electrophoresis chamber and gel and interpret, what do the bands mean, what are they, which bands can travel further down a gel

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