

Download Mendelian And Non Mendelian Genetics Study Guide

Start studying Mendel and Non-Mendelian genetics test study guide. Learn vocabulary, terms, and more with flashcards, games, and other study tools. Mendelian/Non-Mendelian Genetics. STUDY. PLAY. Gregor Mendel. Australian monk who, in the 1850s, discovered a set of rules related to inheritance now called Mendelian Genetics. trait. any feature of an organism dictated by inheritance. gene. a discrete unit of inheritance passed on by parents that dictates offspring appearance. Mendelian genetics only account for a display of complete dominance, or very straightforward genetic patterns. However, there are patterns of genetic inheritance that cannot be tracked using Gregor Mendel's work. Any patterns of genetic theory that do not fit within Gregor Mendel's framework, are referred to as Non-Mendelian Genetics. Understand the genetics of blood types. What is penetrance? How does this affect the expected phenotypic ratios of the offspring in various crosses? What is epigenetics? What significance does this have in the study of inheritance? Compare and contrast all of the following situations, and give an example of each: Multiple alleles