

Topic: DNA & Alleles

Learning Objective/Outcome: Describe how the structure of DNA transmits genetic information through alleles

Keywords/Questions

Notes

What is DNA?
What does it stand for? What is its relationship to protein?

Describe the structural components of DNA

What pairs are in DNA?

What are chromosomes?
What are the sections of DNA on chromosomes?

Why are chromosomes paired?

Define Allele. How does the expression of recessive alleles differ from dominant?

What is a genotype?

How do the genotypes “RR, Rr, rr” differ in their expression?

Describe the difference between genotype and phenotype

What factors control an organism’s physical expression?

Summary: