

Content (To know)

Mendel's principle of dominance
How to use a Punnett Square
Principle of independent assortment
Sex-linked genes and their effect on inheritance
Sex-linked genetic disorders
Transgenic organisms - examples and purpose
DNA analyses

- Finding alleles
- DNA fingerprinting (gel electrophoresis)
- Human Genome Project
- Gene Therapy
- Cloning

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Terms to know

True-breeding	Genotype
Cross-pollination	Phenotype
P generation	Homozygous
F ₁ and F ₂ generation	Heterozygous
Hybrid	Monohybrid cross
Genes	Dihybrid cross
Alleles	Incomplete dominance
Segregation	Co-dominance
	Multiple alleles
	Polygenic traits
	Pedigree Chart

TB sections used:	11 - 1, 2, 3
	13 - 4
	14 - 1, 2, 3

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Review

p. 283 MC# 1, 2, 3, 4, 5, 6,
13, 14, 15, 16, 18, 22, 24, 25, 26, 29

p. 337 MC# 4, 5, 9, 10
15, 16, 18, 22, 24,

p. 363 MC # 2, 3, 5, 6, 7, 9, 10.
13, 20, 22, 25, 28,

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