

301 12.00 86-12-2018

Difference b/w Dicot monocot
chromosome 5

Difference b/w spermatogenesis and
oogenesis 3

Type of chromosome based on centromere
Position. 3

Blending and Particulate hypothesis
Linker Traits and disorder in human 2
Define Sex linkage.

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Bio 301

- Genetic Data 2 ProPhase of meiosis.
- Gene Locus 2
- Epistasis 5
- ProPhase 1 of meiosis 5
- Telophase 3
- Define CEN. DNA?
- Role of mitosis and meiosis in animal body -
- Non-mendilian and Mendilian Genetics.
- ProPhase, 1 → Environmental effect on expression of genes.
- T.H Morgan experiment.
- Dicot and monocot Chromosome.
- Polygene with example.
- Continuous and discontinuous variation.
- InterPhase and Phases of Cell.
- Gene used in drosophilla and recombinant frequency among them.
- Type of banding and two chemical used in it.
- Define Locus, → chromosome number
- Spermatogenesis or oogenesis of tree species.

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- Define map unit,
- what are the main variation in humans,?
- Mitotic apparatus, → chromosome # in Chicken, gold fish, Fruit Fly.
- Briefly explain the main subdiscipline of Genetics.
- what type of genes are used in *Drosophila* and write their recombination frequency -
(2) α
- Sickle cell anemia -
- Nucleosome and histone type Def.
- Dominance and recessive trait.
- Sex linkage trait.
- Define Locus? → Prophase II
- karyotype and idiotype -
- Types of banding chromosome
enlist two chemical used in staining
- what type of gene is involving in gene mapping in *Drosophila* and gene frequency among them.

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