

Morgan's Laws

T. H. Morgan summarized the basic knowledge about custody into three laws:

1. *Genes* are always stored on *chromosome linearly*.
2. The genes of one chromosome form a *linkage group*. The number of binding groups of an organism is the same as the number of pairs of homologous chromosomes of the respective organism.
3. Gene exchange can take place between the genes of a homologous pair of chromosomes through *crossing-over*. The frequency of crossing-over is proportional to the distance of the genes.

These laws form the so-called ***chromosome theory of heredity***.

Links

Related Articles

- Gene
- Binding Studies
- Crossing-over
- Nonmendelian inheritance

Source

- OTOVÁ, Berta, et al. *Lékařská biologie a genetika I. díl*. 1. edition. Karolinum, 2015. 123 pp. ISBN 978-80-246-1594-3.
- ŠTEFÁNEK, Jiří. *Medicína, nemoci, studium na 1. LF UK* [online]. [cit. 2010-02-11]. <<https://www.stefajir.cz/>>.