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Centimorgan

Synonym(s)

- cM

Definition(s)

- The unit of linkage that refers to the distance between two gene loci determined by the frequency with which recombination occurs between them. Two loci are said to be one centimorgan apart if recombination is observed between them in 1% of meioses.

Definition from: [GeneReviews](#) from the University of Washington and the National Center for Biotechnology Information

- A centimorgan is a unit used to measure genetic linkage. One centimorgan equals a one percent chance that a marker on a chromosome will become separated from a second marker on the same chromosome due to crossing over in a single generation. It translates to approximately one million base pairs of DNA sequence in the human genome. The centimorgan is named after the American geneticist Thomas Hunt Morgan.

Definition from: [Talking Glossary of Genetic Terms](#) from the National Human Genome Research Institute

See also [Understanding Medical Terminology](#).

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