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LOD Score

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). LOD Score.

LOD stands for "logarithm of the odds." In genetics, the LOD score is a statistical estimate of whether two genes, or a gene and a disease gene, are likely to be located near each other on a chromosome and are therefore likely to be inherited. A LOD score of 3 or higher is generally understood to mean that two genes are located close to each other on the chromosome. In terms of significance, a LOD score of 3 means the odds are a thousand to one that the two genes are linked, and therefore inherited together.