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Bioinformatics

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). [Bioinformatics](#).

Bioinformatics is a subdiscipline of biology and computer science concerned with the acquisition, storage, analysis, and dissemination of biological data, most often DNA and amino acid sequences. Bioinformatics uses computer programs for a variety of applications, including determining gene and protein functions, establishing evolutionary relationships, and predicting the three-dimensional shapes of proteins.