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Genome-Wide Association Studies (GWAS)

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). *Genome-Wide Association Studies (GWAS)*.

A genome-wide association study (GWAS) is an approach used in genetics research to associate specific genetic variations with particular diseases. The method involves scanning the genomes from many different people and looking for genetic markers that can be used to predict the presence of a disease. Once such genetic markers are identified, they can be used to understand how genes contribute to the disease and develop better prevention and treatment strategies.