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# Gene Environment Interaction

National Human Genome Research Institute (NHGRI)

## Source

National Human Genome Research Institute (NHGRI). *Gene Environment Interaction*.

Gene environment interaction is an influence on the expression of a trait that results from the interplay between genes and the environment. Some traits are strongly influenced by genes, while other traits are strongly influenced by the environment. Most traits, however, are influenced by one or more genes interacting in complex ways with the environment.