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# Epistasis

National Human Genome Research Institute (NHGRI)

## Source

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

Epistasis is a circumstance where the expression of one gene is affected by the expression of one or more independently inherited genes. For example, if the expression of gene #2 depends on the expression of gene #1, but gene #1 becomes inactive, then the expression of gene #2 will not occur. In this example, gene #1 is said to be epistatic to gene #2.