

polygenic means that most traits are controlled by

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What Is a Polygenic Trait and How Is It Inherited?

The word “polygenic” means “many genes,” reflecting influence from more than one gene locus. Unlike traits controlled by a single gene, polygenic traits typically show continuous variation across a population.

Polygenic Trait - National Human Genome Research Institute

A polygenic trait is a characteristic, such as height or skin color, that is influenced by two or more genes. Because multiple genes are involved, polygenic traits do not follow the patterns of Mendelian inheritance.

Polygenic Inheritance: Definition, Characteristics, Examples

Polygenic inheritance is defined as some phenotypic character determined by the additive effect of more than one gene on a single character. Polygenic inheritance is commonly known as quantitative inheritance and multiple gene inheritance.

What is Polygenic Inheritance? - GeeksforGeeks

What is Polygenic inheritance? Polygenic inheritance is a type of inheritance in which a single phenotypic trait (height, color of the eye, skin color, etc.) is governed by more than one pair of genes.

Polygene - Wikipedia

In modern sense, the inheritance mode of polygenic patterns is called polygenic inheritance, whose main properties may be summarized as follows: Most metric and meristic traits are controlled by a number of genetic loci.

POLYGENIC Definition & Meaning - Merriam-Webster

The meaning of POLYGENIC is of, relating to, mediated by, or constituting polygenes : involving two or more nonallelic genes collectively in determining inherited characteristics : multifactorial.

Monogenic Vs Polygenic: Traits, Examples, And Disorders

Monogenic traits are traits like face freckles or a cleft chin, which result from the product of a single gene. Polygenic traits are traits such as height or eye color that result from the product of multiple

genes.

Polygenic Traits - Definition and Examples | Biology Dictionary

Polygenic traits are traits that are controlled by multiple genes instead of just one. The genes that control them may be located near each other or even on separate chromosomes.

What Polygenic Scores Really Measure Inside Families

Using twin data from TEDS, researchers compared polygenic score prediction within families and across the population. They found that about half of predictive power for cognitive and educational outcomes reflects shared family-level influences.

Polygenic inheritance - Definition and Examples - Biology Online

Polygenic inheritance refers to the kind of inheritance in which the trait is produced from the cumulative effects of many genes in contrast to monogenic inheritance in which the trait results from the expression of one gene (or one gene pair).