



Diagram illustrating a monohybrid cross for the trait of hair color (Vv x Vv). The parents are heterozygous (Vv). The possible gametes are V and v. The resulting F2 generation shows the following genotypes and phenotypes:

Gametes	V	v
V	VV (Purple)	Vv (Purple)
v	Vv (Purple)	vv (White)

The probability of a white-haired offspring (vv) is 1/4, and the probability of a purple-haired offspring is 3/4.

[illegible]