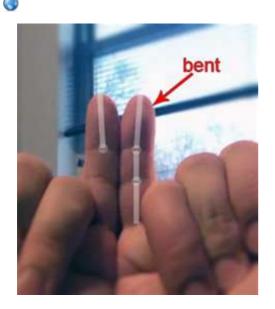
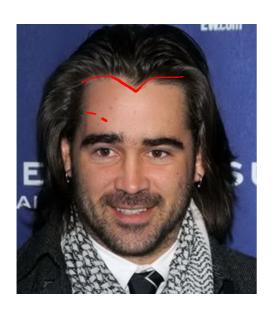
Trait	Type	Your Trait	Number in class
- Truii	21		14diffbei III Cidss
Bent Pinky	(Dominant)		
Dimples	(Dominant)		
Blue Eyes	(Recessive)		
Mid-Digital Hair	(Dominant)		
Tongue-rolling	(Dominant)		
Widow's Peak	(Recessive)		
Thumb Crossing	(Dominant)		
Free Ear Lobes	(Dominant)		
Hitchhiker's Thumb	(Dominant)		

http://tami-port.suite 101.com/dominant-human-genetic-traits-a 38351









Size and shape



Diagram showing free (left) and attached (right) earlobes.







Regular thumb

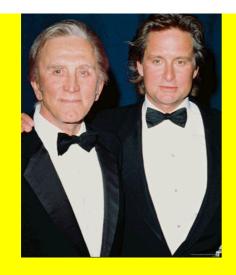
Hitchhiker's thumb

Genes and Heredity

Have you ever been able to identify a stranger as a member of a particular family?

Red hair, high cheekbones, or a prominent nose can often be traced through family lineages. The observation that a young child resembles her grandmother suggest that physical characteristics are inherited. Similar observation can be made in the world of plants and animals.

ie. Flowers with white petals usually produce offsprings with whit petals









Genes and Heredity

Characteristics appear to be repeated from generation to generation.

Heredity - the passing of traits from parents to offspring.

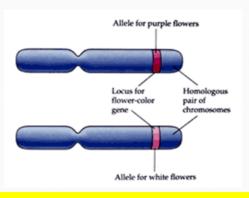
How is it possible for two parents with black hair to have a child with red hair?

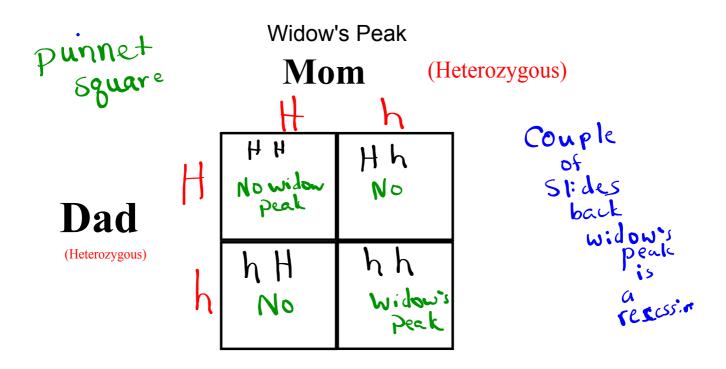
Since you inherited half of your chromosomes from your mother and the other half from your father, your traits are a result of interactions of genes of both parents.

Alleles

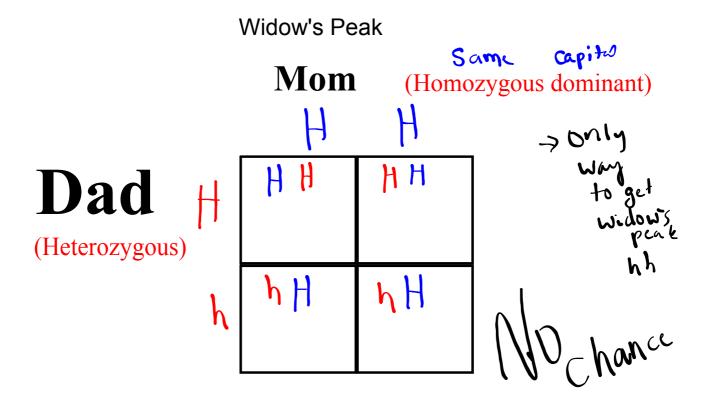
- The different versions of genes are called alleles.
- For each gene, one allele is passed on from the father in the sperm.
- The other allele is passed from the mother in the egg.
- A chromosome contains many genes, and they occupy specific places on the chromosome.

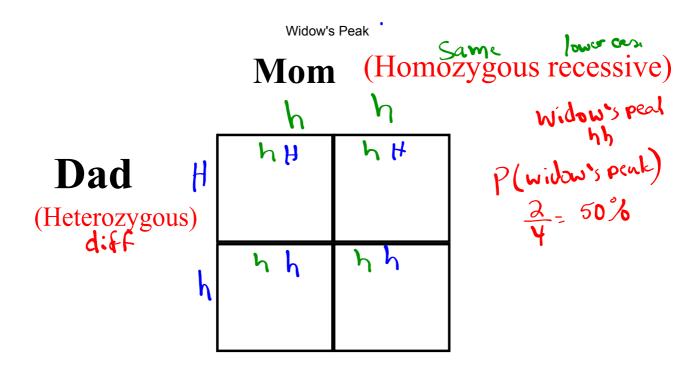


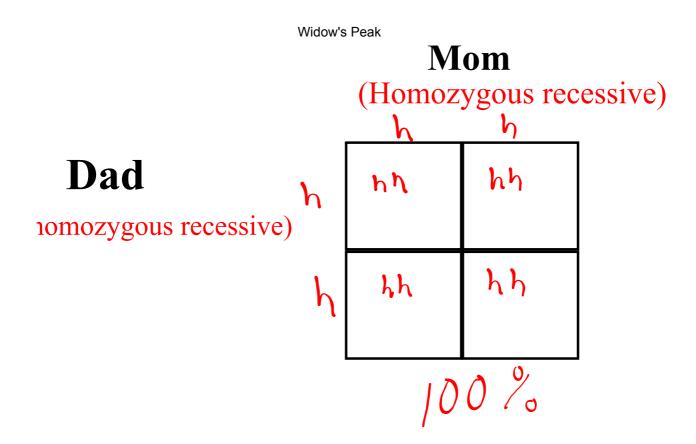




W > have Widow's peak
W > straight hairling







Video

16 min

Biologically_Speaking__Genetics_and_Heredity.asf