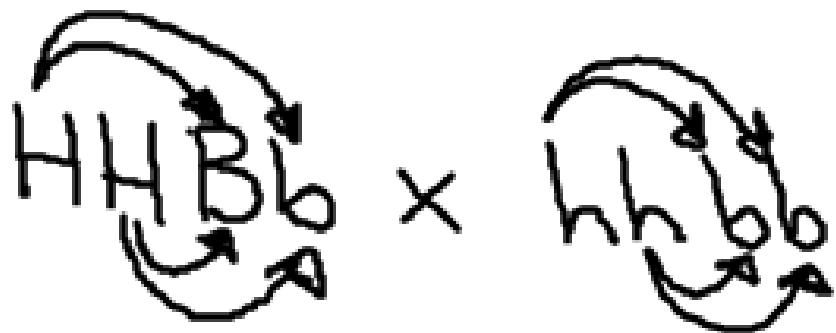


Dihybrid cross

	HB	Hb	HB	Hb
hb	[*] HhBb	Hhbb	[*] HhBb	Hhbb
hb				
hb				
hb				

HhBb x Hhbb

H = blonde
 h = brown
 B = big feet
 b = small feet



$$\frac{8}{16} = \frac{1}{2} \text{ or } 50\%$$

HhBb x Hhbb

	HB	Hb	hB	hb
Hb	HHBb	Hhbb	HhBb	Hhbb
Hb				
hb				
hb				

Bases of DNA

Cytosine

Adenine

Thymine

Guanine

3 of

Codon

or

Amino Acid

Strings

of

Amino Acids

Protein

Genes

70,000 genes in 46 Chromosomes,

DNA is stored in Nucleus of a cell

Cell

nucleus

chromosomes

genes / proteins

proteins

amino acids / codons

	H	h
H-blonde h-brown h	Hh	hh
h	Hh	hh

	B	B
b	Bb	Bb
b	Bb	Bb

B = big feet

b = little feet