

Gene	Alleles
<ul> <li>Any segment of DNA that codes for a protein</li> </ul>	<ul> <li>Alternative forms of a gene for the same characteristic.</li> <li>Different traits <ul> <li>Purple vs. white</li> <li>Dominant or recessive</li> </ul> </li> </ul>
Alleles vs. Genes	



























## The Ratios (heterozygous cross)

- Phenotypic ratio:
  - $^{\circ}$  The number of possible offspring with each phenotype
  - Can be expressed as: fraction, ratio, percentage

Punnett squares Bb x Bb Father В b Ch Cha BB Bb В •• Mother bb Bb b ••