

F. Genotype - Individual's _____ at any or all gene loci; received at fertilization

G. Phenotype – Individual's _____ traits (physical appearance)

III. Producing Hybrid Offspring

A. Crossing two _____ (pure homozygous) parents of different genotypes yields hybrid offspring

B. All F_1 offspring are _____ for a gene

C. All F_1 offspring of parental cross $YY \times yy$ are _____.

IV. Punnett Squares and Monohybrid Crosses

A. Punnett Squares - show _____ of future offspring

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t		

B. Monohybrid Cross = cross between individuals that involve

$Rr \times Rr$

	R	r
R		
r		

Genotype Ratio: _____ : _____ : _____

Genotype %: _____ %

_____ %

_____ %