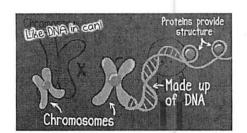
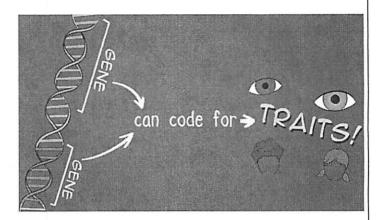
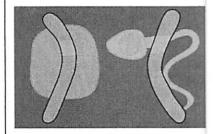


A \_\_\_\_\_\_ is a section of a chromosome/DNA which codes for a trait.



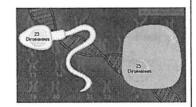




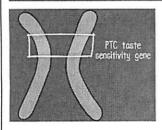
How many chromosomes from each pair are carried in the sperm and egg cells?

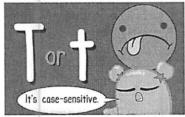
\_ from each pair

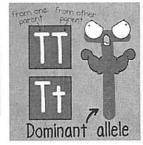
Since humans have a total of 46 chromosomes which come in 23 pairs, 23 chromosomes are found in human sperm cells and 23 are carried in human egg cells.

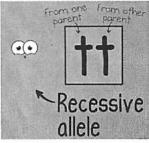


## Alleles: Varieties of a Gene









T-taster

t- non-taster

If someone is a taster, what are their possible genotypes? \_

Why is their only one possible genotype for a non-taster?

gene

allele

dominant

recessive

phenotype

genotype

## homozygous/pure

## heterozygous/hybrid

