|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Heterozygous** | |  | **Homozygous** | | |  | **Recessive** | |
| multiple | |  | heterozygous | | |  | dominant | |
| homozygous | |  | true-breeding | | |  | gene | |
|  | |  |  | | |  |  | |
|  | |  |  | | |  |  | |
| **Dominant** | |  | **Incomplete dominance** | | |  | **Codominance** | |
| recessive | |  | dominant | | |  | incomplete dominance | |
| allele | |  | codominance | | |  | blood type | |
|  | |  |  | | |  |  | |
|  | |  |  | | |  |  | |
| **Gene** | |  | **Allele** | | |  | **Karyotype** | |
| allele | |  | genetic | | |  | picture | |
| chromosome | |  | characteristic | | |  | Down syndrome | |
|  | |  |  | | |  |  | |
| **Autosome** |  | | | **Phenotype** |  | | | **Genotype** |
| body |  | | | genotype |  | | | heterozygous |
| cell |  | | | appearance |  | | | phenotype |
|  |  | | |  |  | | |  |
|  |  | | |  |  | | |  |
| **Punnett Square** |  | | | **Pedigree** |  | | | **Sex chromosomes** |
| grid |  | | | heredity |  | | | X |
| mating |  | | | siblings |  | | | Y |
|  |  | | |  |  | | |  |
|  |  | | |  |  | | |  |
| **Test Cross** |  | | | **Polygenic inheritance** |  | | | **Sex-linked gene** |
| parent |  | | | multiple |  | | | autosome |
| recessive |  | | | alleles |  | | | hemophilia |
|  |  | | |  |  | | |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **True- breeding** |  | **Heredity** |  | **Genetics** |
| recessive |  | genetic |  | offspring |
| generation |  | inherited |  | characteristic |
|  |  |  |  |  |
|  |  |  |  |  |
| **Carrier** |  | **Probability** |  | **Law of Independent Assortment** |
| disease |  | chance |  | meiosis |
| dominant |  | Punnett Square |  | chance |
|  |  |  |  |  |
|  |  |  |  |  |
| **Identical twins** |  | **Fraternal twins** |  | **Law of segregation** |
| genotype |  | inherited |  | mitosis |
| fraternal twins |  | identical twins |  | homologous chromosomes |
|  |  |  |  |  |