|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |
|  |  |  |  |  |