

Download Allelic Variation

A population or species of organisms typically includes multiple alleles at each locus among various individuals. Allelic variation at a locus is measurable as the number of alleles (polymorphism) present, or the proportion of heterozygotes in the population. Structure and allelic variation. In the schematic above, the rectangular blocks represent each of the repeated DNA sequences at a particular VNTR location. iJGVD provides data of genomic variations obtained by whole-genome sequencing of Japanese individuals, who participate in the genome cohort study by Tohoku University Tohoku Medical Megabank Organization (ToMMo). (Continued from the previous page) An organism with a distinctive karyotype (i.e., with a distinctive set of chromosomes) will often be treated as a distinct species.