

Types of Variants (or Mutations)

A variant is any difference between the DNA sequence of an individual and a known (often a reference) sequence. The words *variant* or *mutation* can be used to describe these changes. In genomic science and healthcare, the word variant is most common. Variants can be beneficial, neutral or harmful. Different terms are used to help describe different sizes and types of variants.

Match the following words to their definition: aneuploidy, chromosomal mutation, copy number variant (CNV), frame-shift, indel, missense, nonsense, point mutation, silent, single nucleotide polymorphism (SNP), single nucleotide variant (SNV), structural variant (SV), triplet repeat expansion

