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Single-Stranded Conformational Polymorphism

National Cancer Institute

Source

National Cancer Institute. *Single-Stranded Conformational Polymorphism*. NCI Thesaurus. Code C17762.

A Single-Stranded Conformational Polymorphism consists of nucleotide sequence variation in the same region of DNA between individuals within a species, or between alleles in an individual, that cause partially denatured DNA fragments to take on different conformations as a result of their nucleotide sequences differences. These conformation differences can be detected through various gel-separation techniques.