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Nucleic Acid Cleavage

National Cancer Institute

Source

National Cancer Institute. *Nucleic Acid Cleavage*. NCI Thesaurus. Code C41591.

Nucleic Acid Cleavage is any process that hydrolytically cleaves either the glycosidic bond or the sugar-phosphate ester bond of a oligoribonucleotide or deoxyoligoribonucleotide polymer. This process can occur with or without the involvement of an enzyme. This term does not apply to the disruption of hydrogen bonds that stabilize DNA and RNA molecules.