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Alternate Splicing

National Cancer Institute

Source

National Cancer Institute. *Alternate Splicing*. NCI Thesaurus. Code C16280.

Alternate Splicing is a process in which multiple protein isoforms or products are generated from a single gene as a result of splicing together different nonconsecutive exons during the processing of initially identical nascent transcripts of a gene into mature mRNA transcripts. An exon may be connected to any one of several alternative exons to form the mRNA and generate related proteins, often in a tissue or developmental stage specific manner.