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Immunoglobulin Gene Rearrangement

National Cancer Institute

Source

National Cancer Institute. *Immunoglobulin Gene Rearrangement*. NCI Thesaurus. Code C20045.

Any process of gene rearrangement that creates a novel junction among the immunoglobulin-coding variable, diversity, joining or constant segments. This process involves sequence recognition, cleavage, excision and ligation by recombinases to create a contiguous protein-coding gene. Immunoglobulin gene rearrangement is involved in generation of antibody diversity.