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NY-ESO-1 Plasmid DNA Cancer Vaccine pPJV7611

National Cancer Institute

Source

National Cancer Institute. *NY-ESO-1 Plasmid DNA Cancer Vaccine pPJV7611*. NCI Thesaurus. Code C62452.

A plasmid DNA encoding an immunogenic peptide derived from the cancer-testis antigen NY-ESO-1 with potential immunostimulating and antitumor activities. Upon administration, NY-ESO-1 plasmid DNA cancer vaccine pPJV7611 may stimulate the host immune system to mount a cytotoxic T lymphocyte (CTL) response against tumor cells expressing the NY-ESO-1 antigen, resulting in tumor cell lysis. NY-ESO-1 is a tumor associated antigen (TAA) found in normal testes and expressed on the surfaces of various tumor cells, including melanoma, breast, bladder, prostate, lung, ovarian, and hepatocellular tumor cells.