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Anti-MART-1 TCR Retroviral Vector-Transduced Autologous TIL

National Cancer Institute

Source

National Cancer Institute. *Anti-MART-1 TCR Retroviral Vector-Transduced Autologous TIL*. NCI Thesaurus. Code C38137.

Human tumor infiltrating lymphocytes (TIL) isolated from a melanoma patient and were engineered to react with the melanoma antigen MART-1 (Melanoma Antigen Recognized by T cells, also called Melan-A). These TILs are transfected with a retroviral vector encoding anti-MART-1 specific T-cell receptors, grown in culture, and then transferred back to the patient. These genetically modified TIL may recognize and halt the growth of MART-1-expressing melanoma cells.