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Anti-gp100 TCR Retroviral Vector-Transduced Autologous TIL

National Cancer Institute

Source

National Cancer Institute. *Anti-gp100 TCR Retroviral Vector-Transduced Autologous TIL*. NCI Thesaurus. Code C38135.

Human tumor infiltrating lymphocytes (TIL) isolated from a melanoma patient and were engineered to react with the melanoma antigen glycoprotein 100 (gp100). These TIL are transfected with a retroviral pGCsam vector encoding T-cell receptors specific for gp100, grown in culture, and then transferred back to the patient. These genetically modified TIL may recognize and halt the growth of gp100-expressing melanoma cells.