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# SBIL-2 Transduced Autologous Tumor-Infiltrating Lymphocyte

National Cancer Institute

## Source

National Cancer Institute. *SBIL-2 Transduced Autologous Tumor-Infiltrating Lymphocyte*. NCI Thesaurus. Code C38118.

A population of tumor-infiltrating lymphocytes (TILs) harvested from a patient and transduced with a retroviral vector encoding the gene for interleukin-2 (IL-2). TILs require IL-2 to sustain them when they are transferred back to the patient. By inserting the IL-2 gene into TILs in vitro so that TILs express IL-2 continuously it is possible to provide TIL-sustaining IL-2 in vivo specifically at the site of lymphocyte infiltration, thereby avoiding the toxicity associated with the systemic administration of IL-2. (NCI04)