



*Fig. S1.* Adoptive immunotherapy with T cells engineered to express melanoma-specific T-cell receptors (TCRs). In attempt to overcome the obstacles inherent to identifying and expanding melanoma-specific T cells for adoptive immunotherapy, investigators have engineered T cells to express melanoma-specific TCRs. These studies often involve transfecting stimulated peripheral blood mononuclear cells with a retrovirus or lentivirus encoding a melanoma-specific TCR. Sometimes the melanoma-specific TCR genes are derived from mice immunized with human melanoma peptides or other melanoma antigens.