Supplementary Materials

Rapid Assessment of Functional Avidity of Tumor-Specific T Cell Receptors using an Antigen-Presenting Tumor Cell Line Electroporated with Full-Length Tumor Antigen mRNA

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Figure S1. WT1-specific TCR expression on 2D3 and primary CD8 T cells. Surface expression of WT1-specific TCR in 2D3 cells (A) or primary CD8 T cells (B) was analyzed 24 h after electroporation with either WT137-45- (WT1.37) or WT1126-134-specific (WT1.126) codon-optimized TCR mRNA by anti-human TCR αβ antibody staining (A) or by HLA:A*02:01/WT137-45 (WT1.37) or HLA:A*02:01/WT1126-134 (WT1.126) tetramer staining (B). Mean ± SEM of 10 independent replicates (A) and of 8 donors (B) is shown. WT1, Wilms’ tumor 1; ISO, isotype. ****, p < 0.0001.

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