



Supplementary Figure S1. A) Lentiviral production and gene transduction used in this study generated a stable high-yield CAR product as shown by flow cytometry analysis. **B)** Produced CAR T cells are able to eliminate CD19+ target cells (left panel), and secrete pro-inflammatory cytokines (IFN- γ middle panel, IL-2 right panel) when cocultured with CD19+ target cells, demonstrating their functionality.