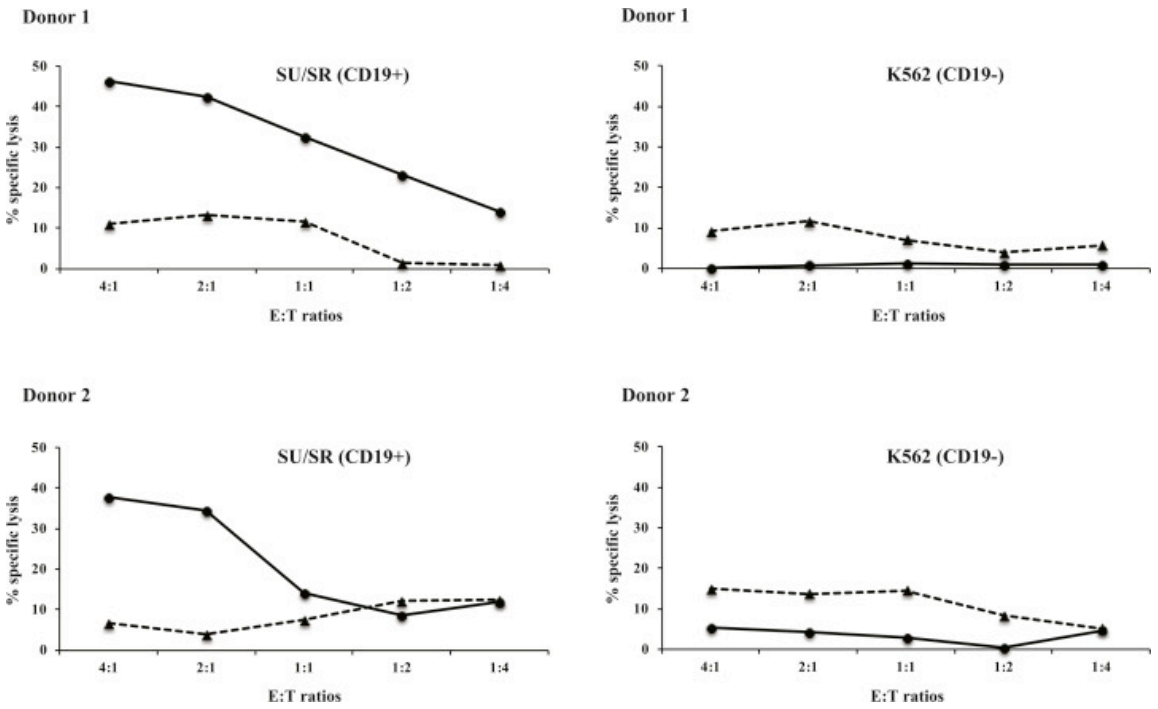

Supplementary Figure S1. Specific lysis of Ph+ALL cells by CAR T cells. To determine if CAR T cells were able to lyse target cells, we performed a 4-hour cytotoxicity assay LDH release assay. As targets, we used CD19-positive Ph+ALL (SU/SR) cells and CD19-nega...

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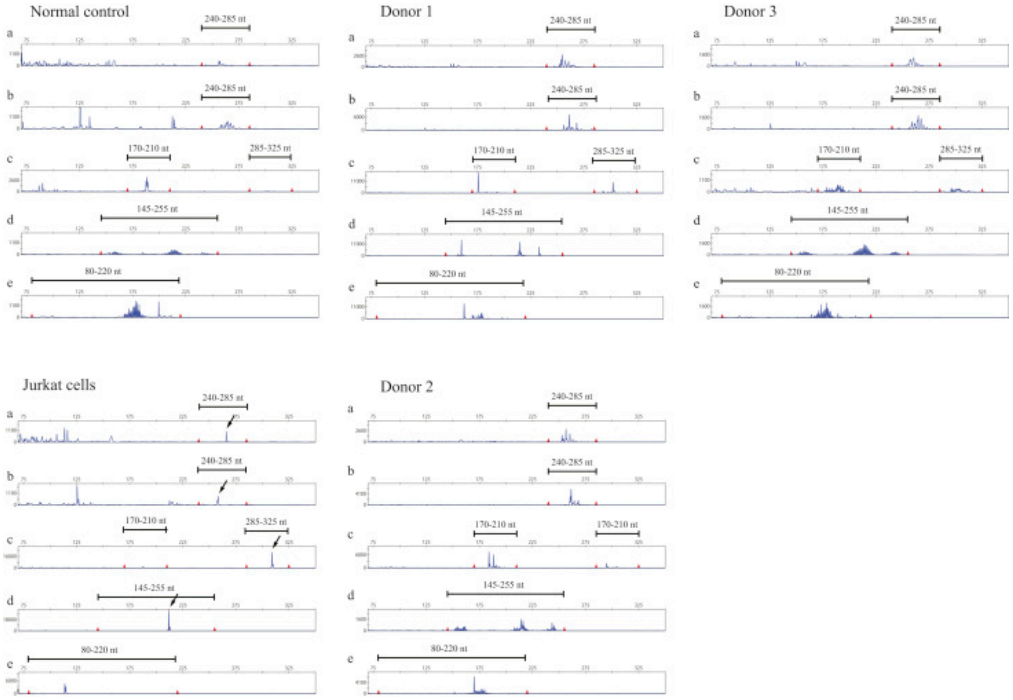

Supplementary Figure S2. Analysis of TCR gene rearrangement in generated CD19-specific CAR T cells. TCR-β and TCR-γ genes were analyzed in CAR T cells generated from three donors to detect the clonal T-cell growth by BIOMED-2 multiplex-PCR consisting of three ...

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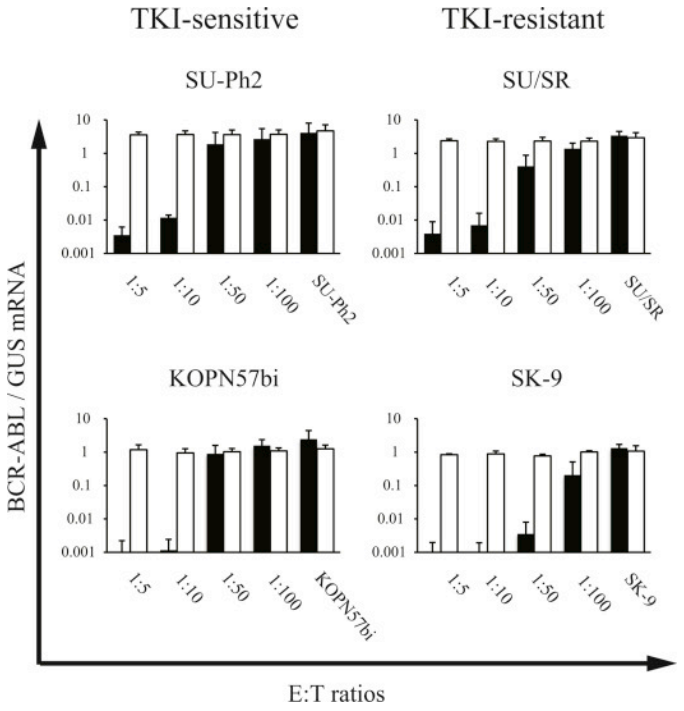

Supplementary Figure S3. Anti-leukemic activity of CD19-specific CAR T cells against Ph+ALL cells determined by qPCR. Either of CAR T cells (closed bars) or mock T cells (open bars) were co-cultured with 1 × 105 Ph+ALL cells (SU-Ph2, KOPN57bi, SU/SR or SK-9) a...

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