Supplemental Table 3: Interferonγ ELISA of MSGV1-5F11-28Z versus MSGV1-HRS3-28Z

	CD30-BV173	HH	SUDHL-1	CCRF-CEM	NGFR-BV173	T cells alone	%CAR+
Untransduced	32	35	21	11	65	10	0
MSGV1-5F11-28Z	7769	88764	13310	1405	303	41	68
MSGV1-HRS3-28Z	5399	32519	5006	576	817	693	77

Supplemental Table 3. When cultured with CD30$^+$ target cells, IFNγ release was higher for T cells transduced with MSGV1-5F11-28Z versus T cells transduced with MSGV1-HRS3-28Z. We compared 5F11-28Z and HRS3-28Z. These CARs were identical except for the difference in the scFvs. Both CARs were encoded by the MSGV1 gamma-retroviral vector. T cells were cultured overnight with the target cells indicated on the top row of the table. An IFNγ ELISA was then performed on the culture supernatants. CD30-BV173, HH, and SUDHL-1 were CD30$^+$. CCRF-CEM and NGFR-BV173 were CD30-negative. The T-cell populations are indicated on the far-left column, and the percentages of the T cells that expressed the indicated CARs are shown in the far-right column. CAR expression was determined by staining with CD30-Fc-PE followed by flow cytometry. IFNγ results are normalized for CAR expression. This is one of four experiments with similar results.