

**Supplementary Table S2: Flow Cytometry Antibody Panel**

<b>Surface marker</b>	<b>Color</b>	<b>Source</b>	<b>Biological relevance</b>
Human CD45	BV785	BioLegend 304048 RRID: AB_2563129	Human leukocyte lineage
Mouse CD45	PerCP	BioLegend 103130 RRID: AB_893339	Mouse leukocyte lineage
CD3	FITC	BioLegend 317306 RRID: AB_571907	T-cell lineage
CD4	BV510	BioLegend 357420 RRID: AB_2715940	
CD8	Pacific Blue	BioLegend 344718 RRID: AB_10551438	
Anti-CD70 CAR	Biotin	CRISPR Therapeutics Clone 20H05-02D09	CAR T cells including: CTX130 CTX130 + Regnase-1 KO CTX130 + TGF- $\beta$ R2 KO CTX131
Streptavidin	APC	BioLegend 405207	