



Supplementary Fig. S6: Experimental set-up of single cell RNAseq experiments for gene expression analyses early after CAR T cell injection. **(A)** Representative images from axial brain MRI before CAR T cell treatment at day 23 post-tumor implantation and right before brain tissue harvesting at day 28 post-tumor implantation. **(B)** Experimental scheme for processing brain tissues for single cell RNAseq. **(C)** Representative flow plot from FACS sorting and gating scheme showing the two viable populations sorted for sequencing analysis ((i) Live, TER119⁻, CD45⁺ and (ii) Live, TER119⁻, CD45⁻). Samples i and ii were mixed at 70:30 ratio prior to loading on chromium controllers.