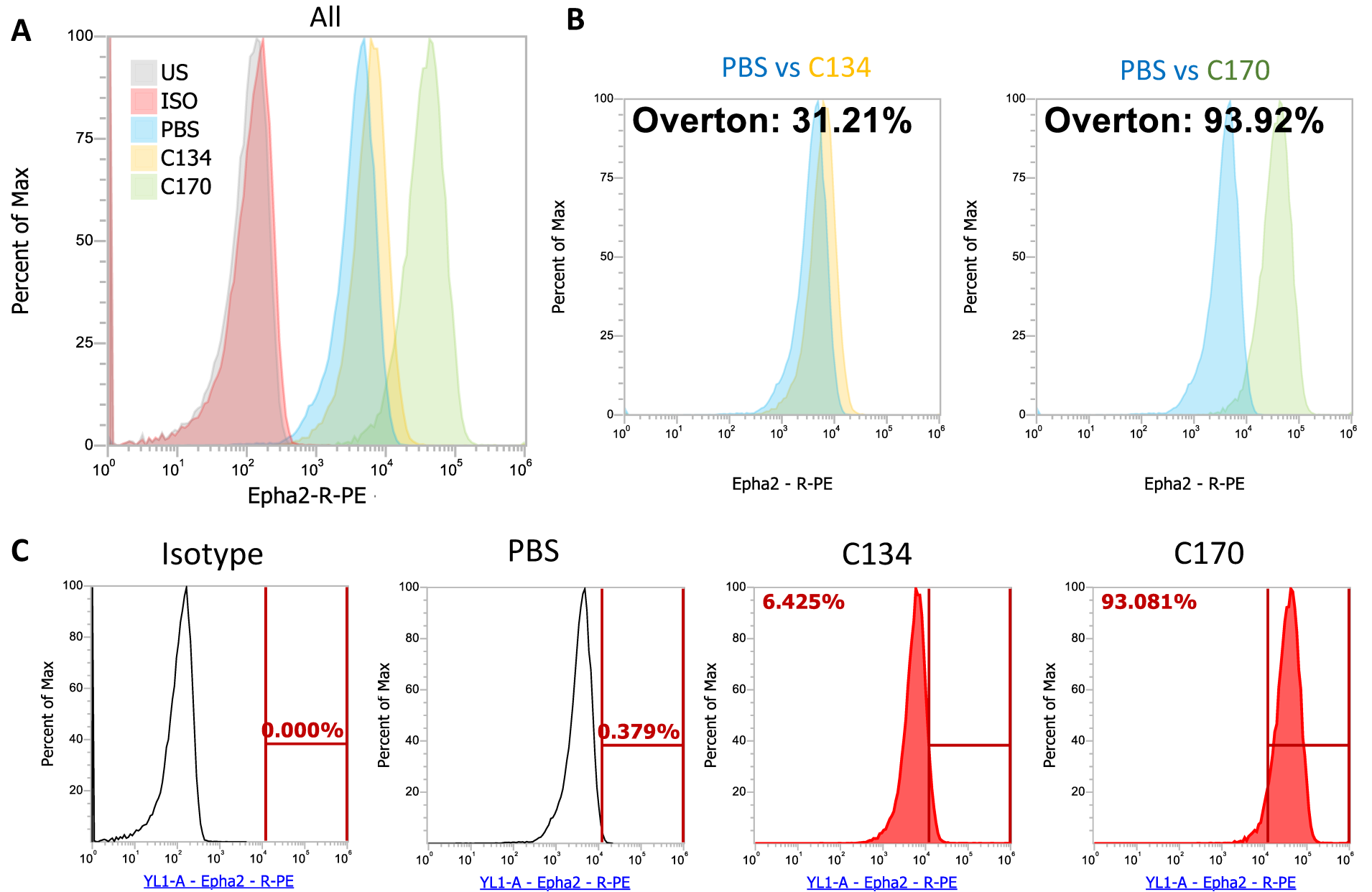
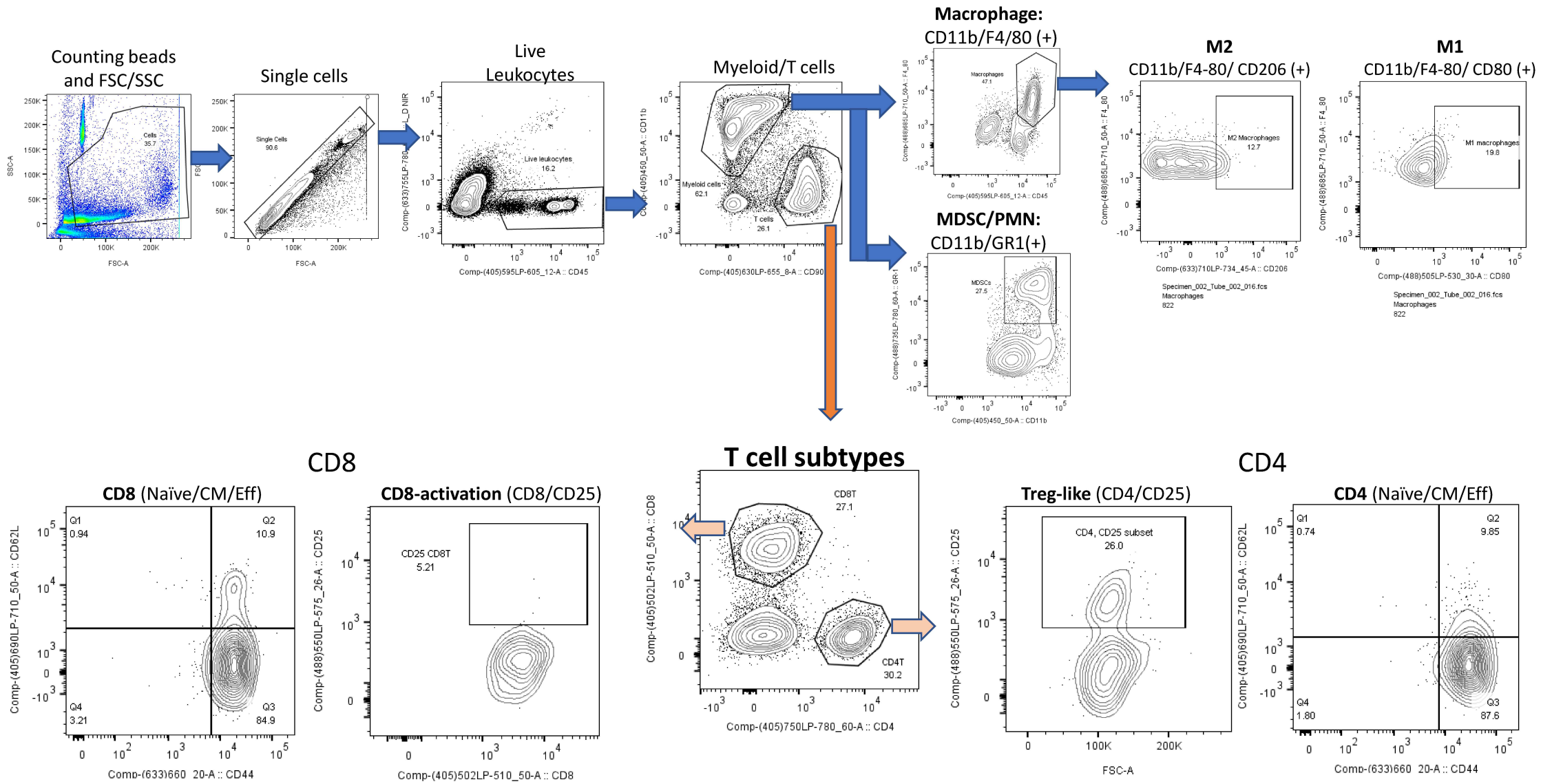


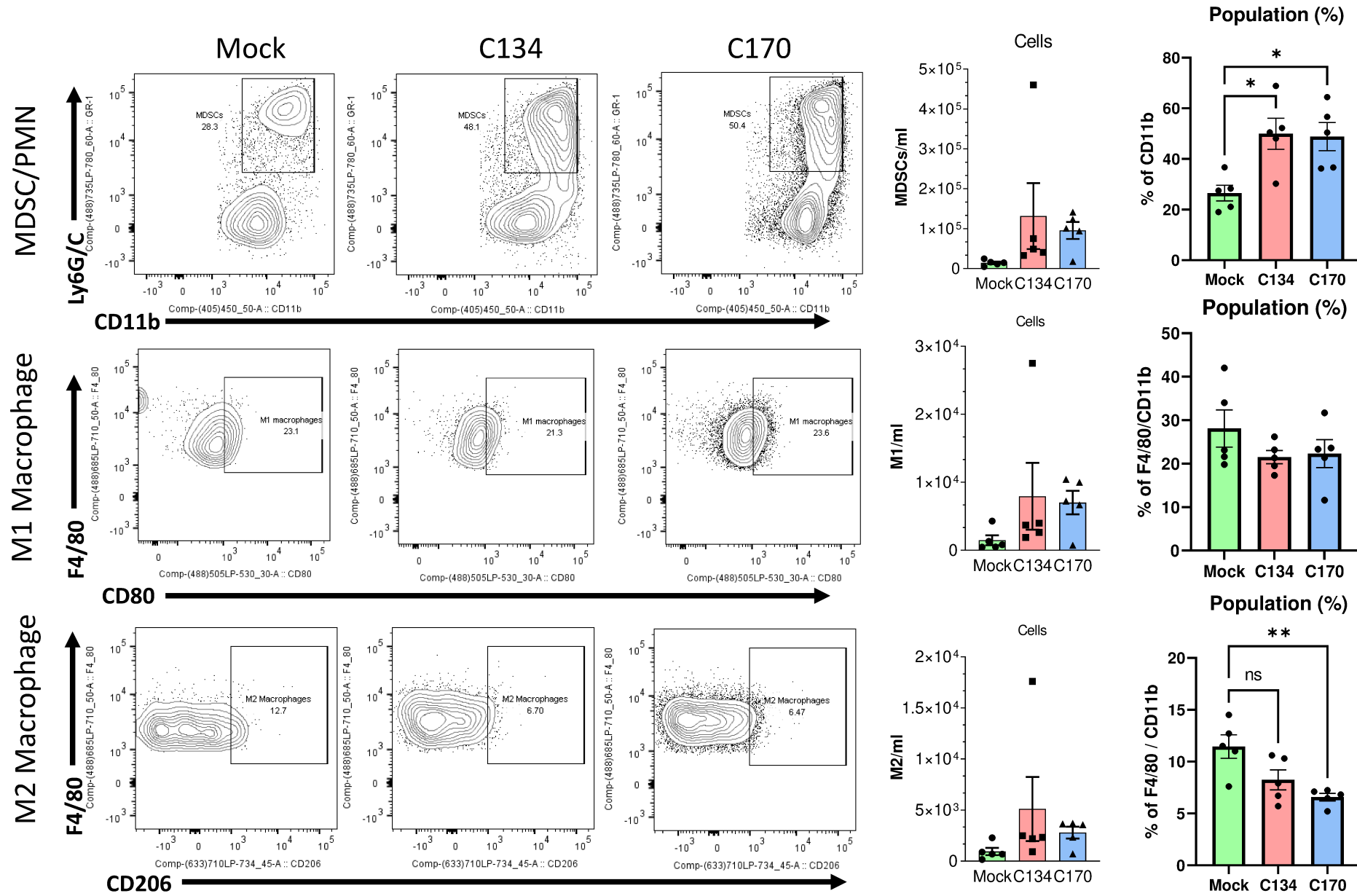
Supplemental Figures



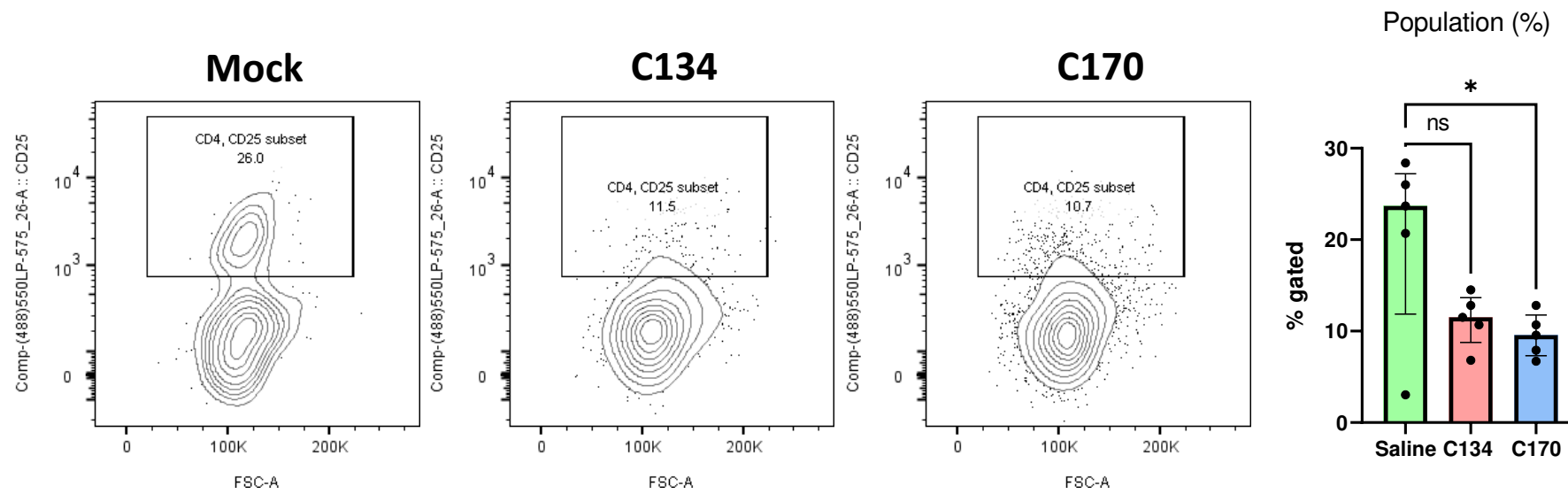
Supplemental Figure 1



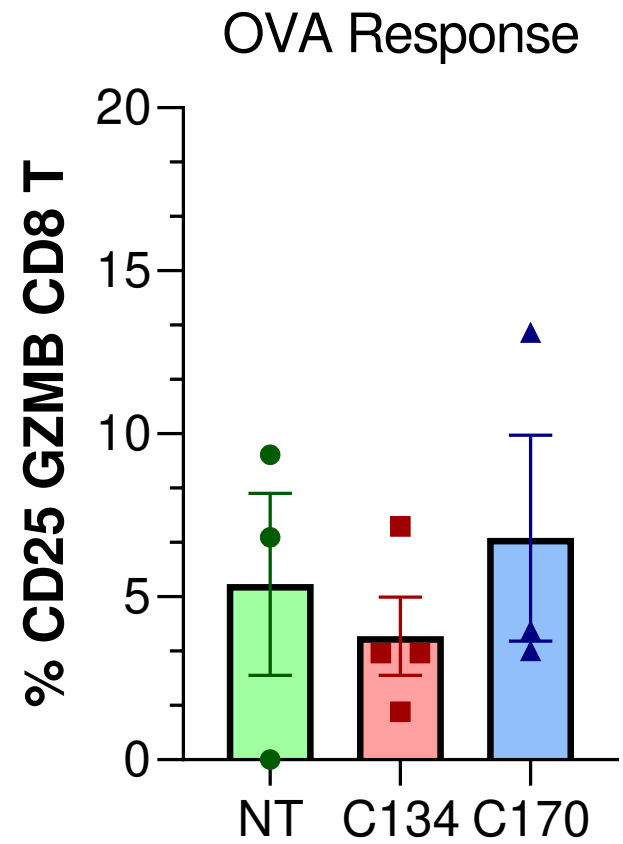
Supplemental Figure 2



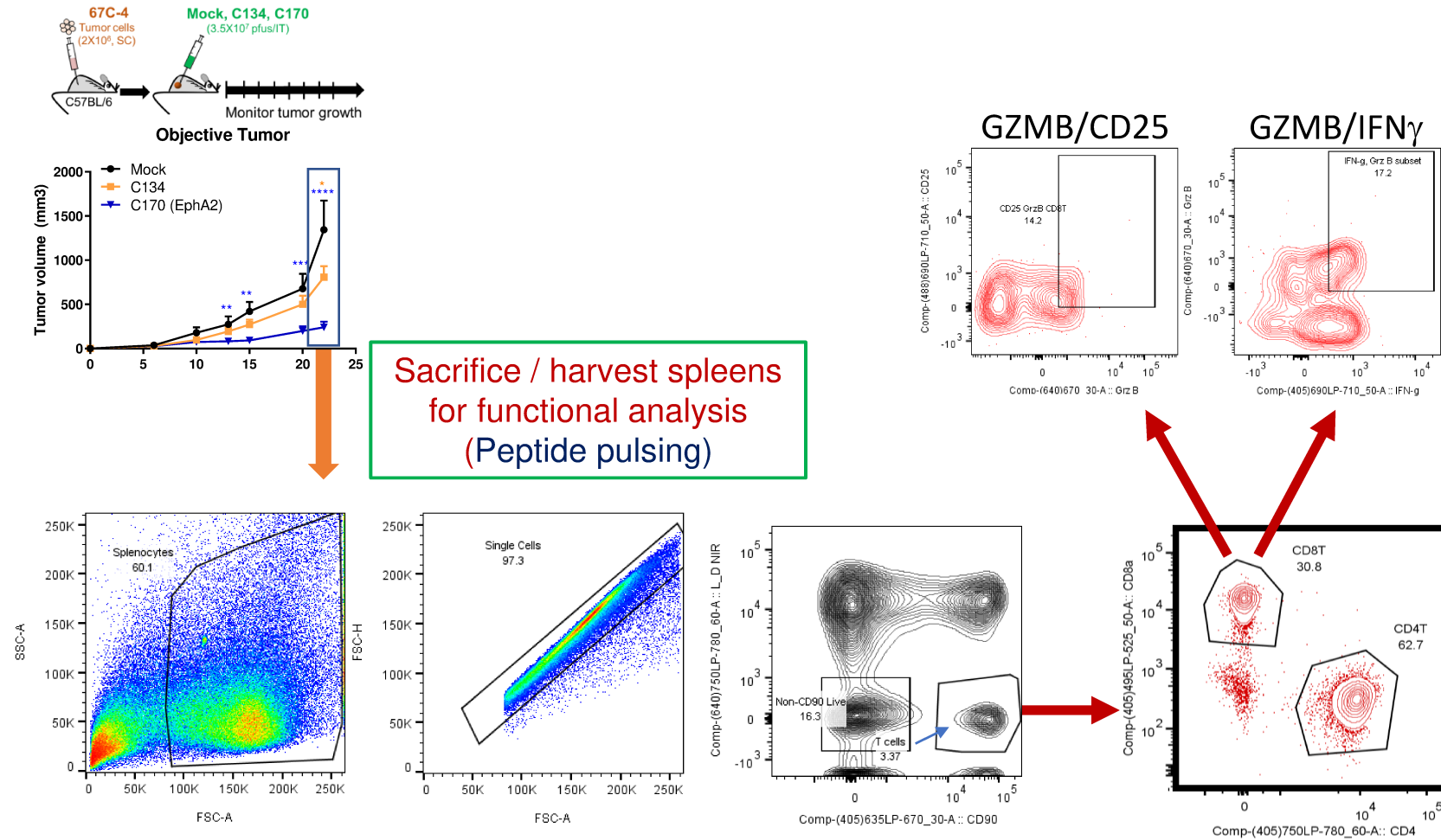
Supplemental Figure 3



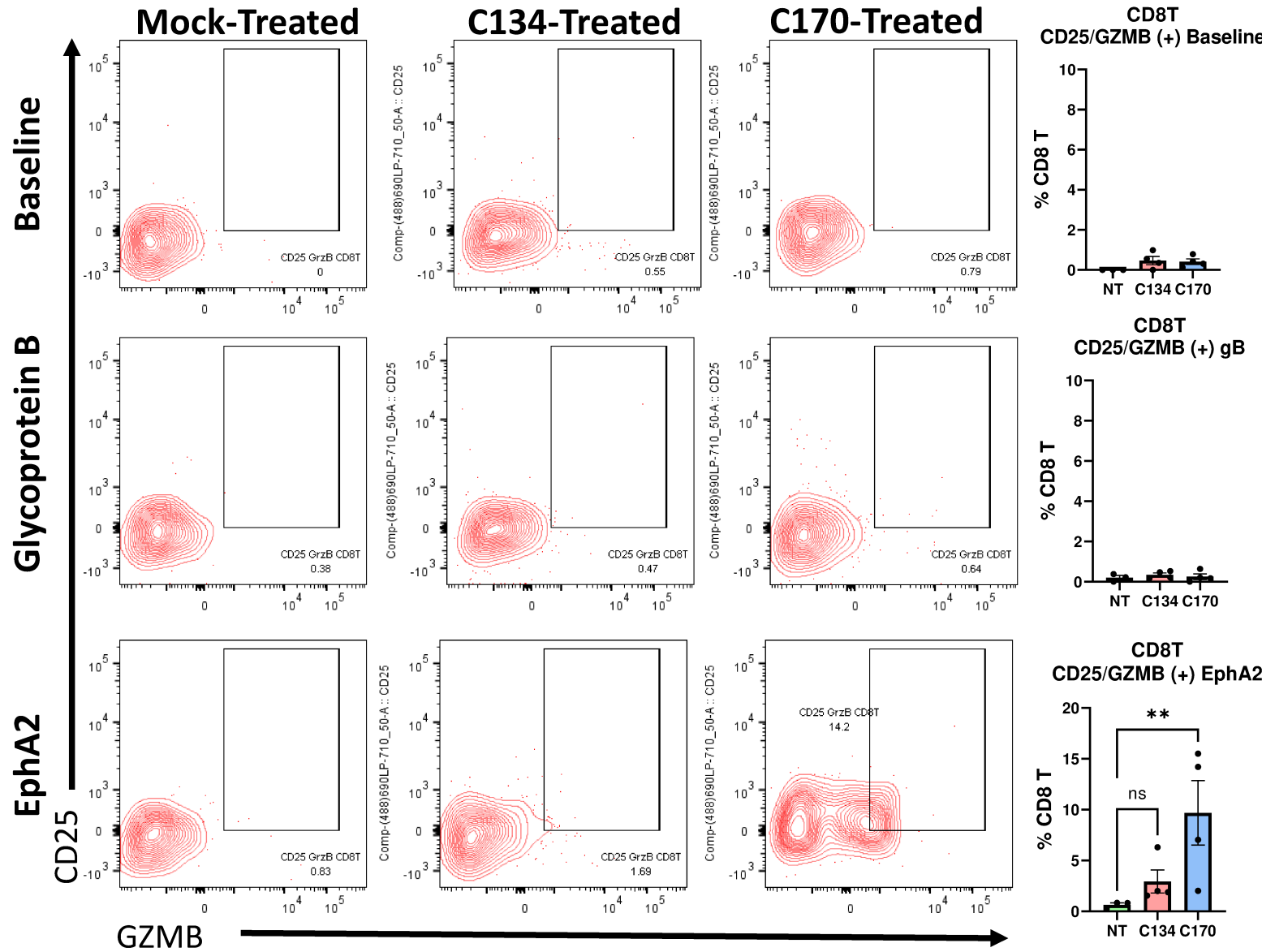
Supplemental Figure 4



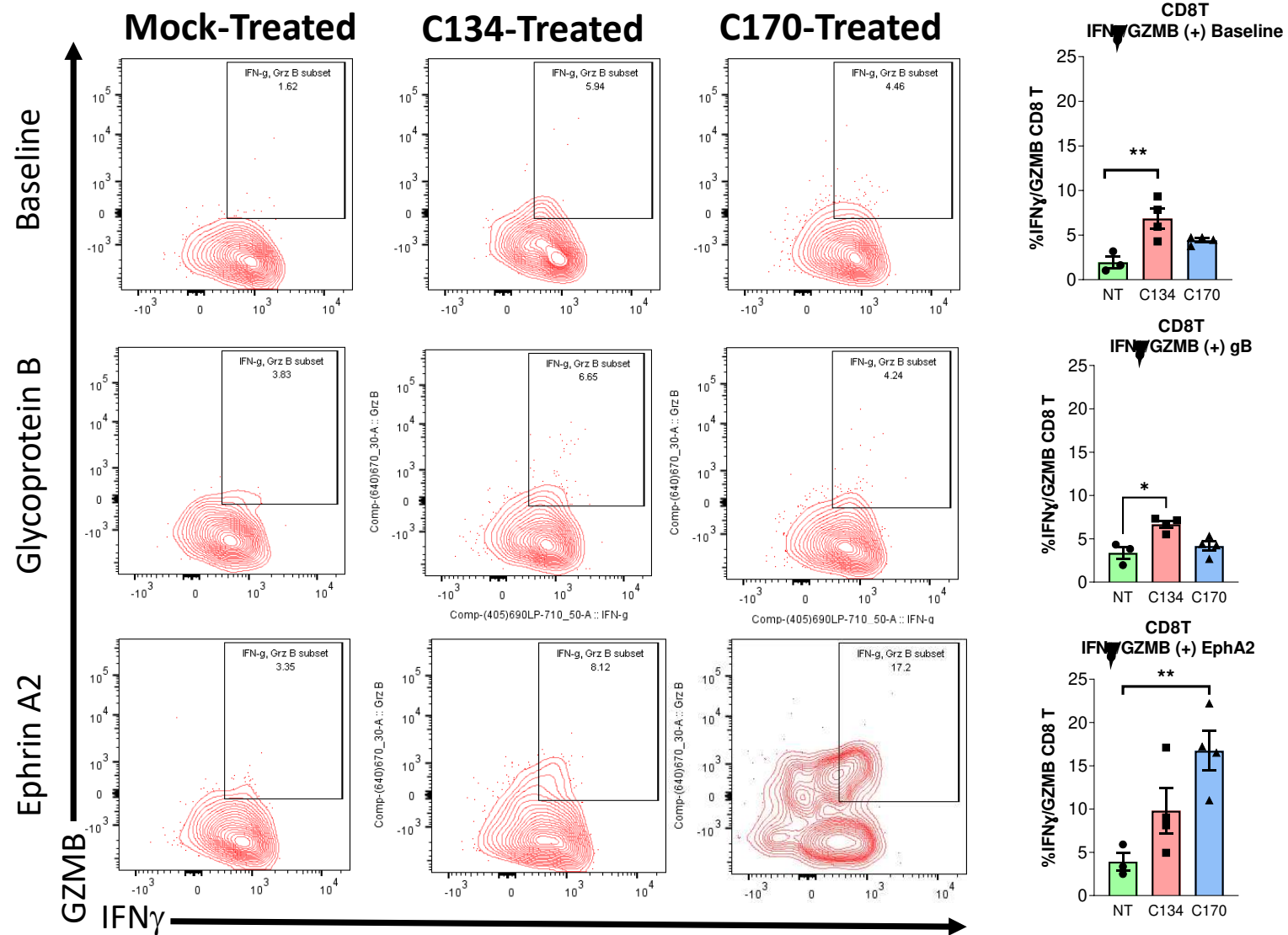
Supplemental Figure 5



Supplemental Figure 6

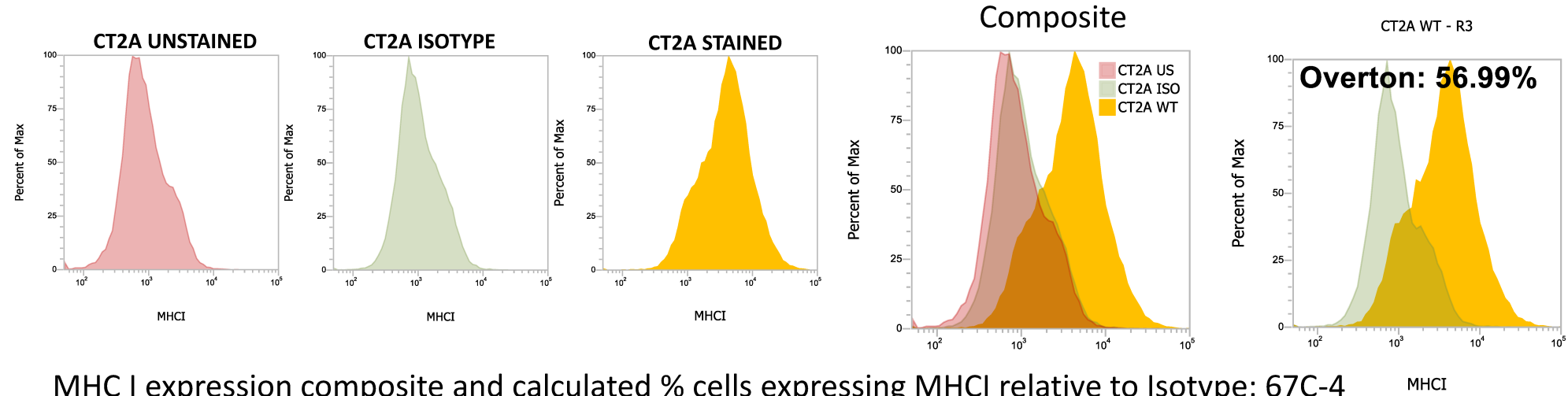


Supplemental Figure 7

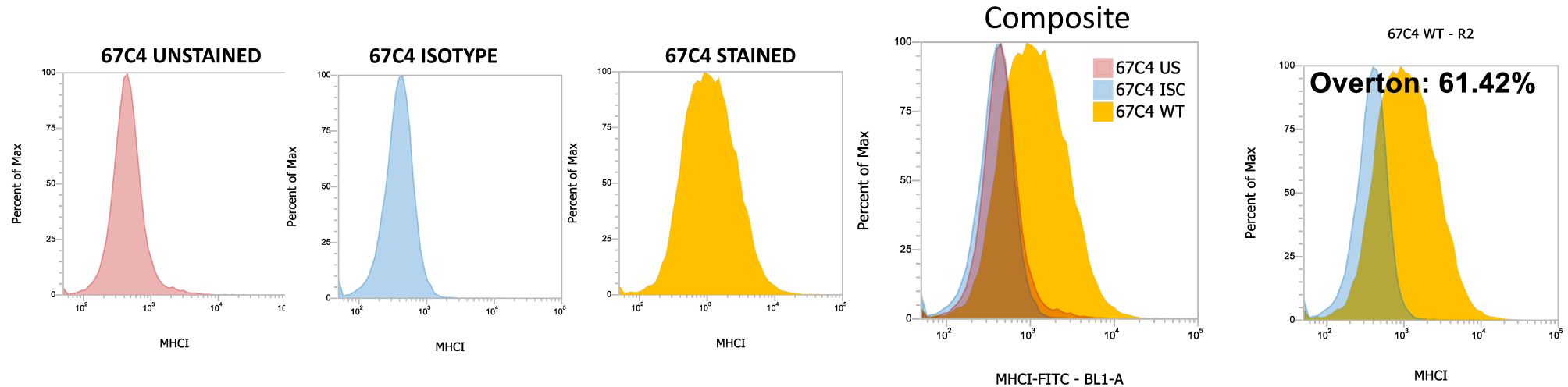


Supplemental Figure 8

MHC I expression composite and calculated % cells expressing MHC I relative to Isotype: CT2A



MHC I expression composite and calculated % cells expressing MHC I relative to Isotype: 67C-4



US=unstained
 ISO= Isotype control
 WT= MHC I surface expression

Supplemental Figure 10

EphA2 Protein Schematic



Pos	Peptide	B6 H2- Db (nM)	Rank	B6 H2- Kb (nM)	Rank
804	YGIVMWEVM	19.9	0.015	3661.6	5.5
926	FMVAGYTAI	61.7	0.04	1381.5	2.5
216	VAVSDTQPL	125.1	0.08	1829.5	3
498	LAPXDITYL	134	0.08	7222.6	9.5
671	FSHHNIIRL	184.7	0.1	506.7	1.1
729	KYLANMNYV	394.9	0.175	3654.8	5.5
66	YSVCNVVSG	500.1	0.25	20500.6	28
331	SAPNYLTAI	705.1	0.3	76	0.25
845	SAIYQLXMM	1196.6	0.4	256.6	0.7
28	VVLLDFAAM	3680.3	1	108.6	0.3
601	AVLKFTTEI	4333.7	1.2	402.3	0.9
713	SVLQLVGML	5668.1	1.5	395.4	0.9
790	ISYRKFTSA	8660	2.5	11.5	0.04
726	SGMKYLANM	10668.7	3	11	0.03
4	RAVGFCLAL	15570.4	5	332.9	0.8
407	MNYTFAVEA	29797.9	14	281.6	0.7
558	FIHRRRRNL	36101.6	22	355.4	0.8
682	VVSKYKPM	42639.8	38	395.1	0.9

Supplemental Figure 11