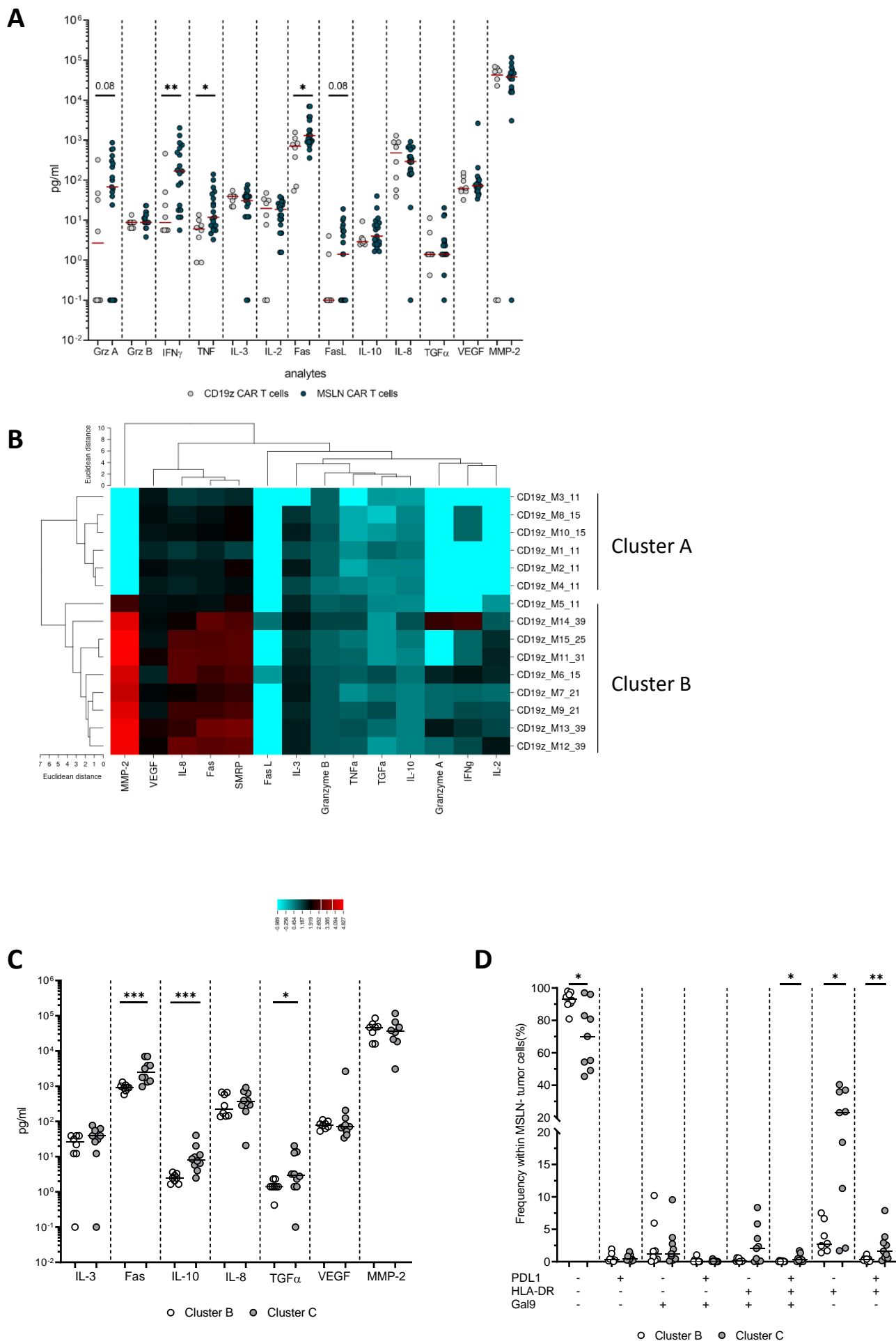


Fig S4



Supplementary figure S4. Soluble plasma factor based clustering of CAR T cells and SKOV-3 tumor cells. A. Soluble plasma factors levels analyzed per CAR T cell treatment at time of sacrifice because of tumor burden (CD19z vs. MSLN). **B.** Hierarchical clustering of control mice (treated with CD19z CAR T cells) and 14 soluble factors. Euclidian distance method and the average linkage cluster algorithm were used to create the heatmap. Length of the dendrogram is proportional to the Euclidean distance. Columns show the soluble factors; rows show each individual as the following: "group_mouse ID_days post-CAR T cells treatment". **C.** Soluble plasma factors levels analyzed in clusters B (n=8) and C (n=10) defined by hierarchical analysis of plasma soluble factors (MSLN-CAR treated mice). **D.** Analysis of combinatorial checkpoint ligand expression by MSLN negative SKOV-3 tumor cells in clusters B and C (MSLN-CAR treated mice) defined by hierarchical analysis of plasma soluble factors. Mann-Whitney test was used to compare cluster B vs. cluster C and M28z vs. MBBz groups. *p<0.05, ** p<0.01, p<0.001.