Supplementary Figure S3
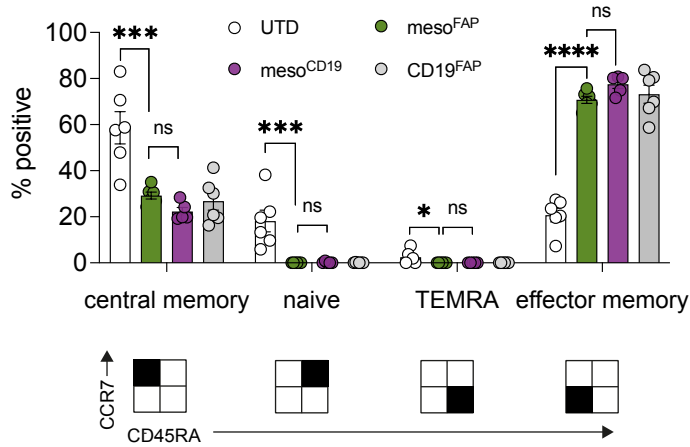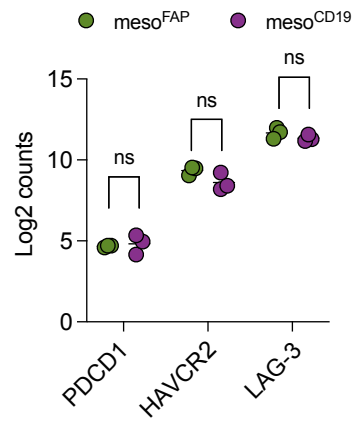
A

B

C

meso^FAP day 14 vs. meso^FAP day 0

D

meso^CD19 day 14 vs. meso^CD19 day 0

E

F

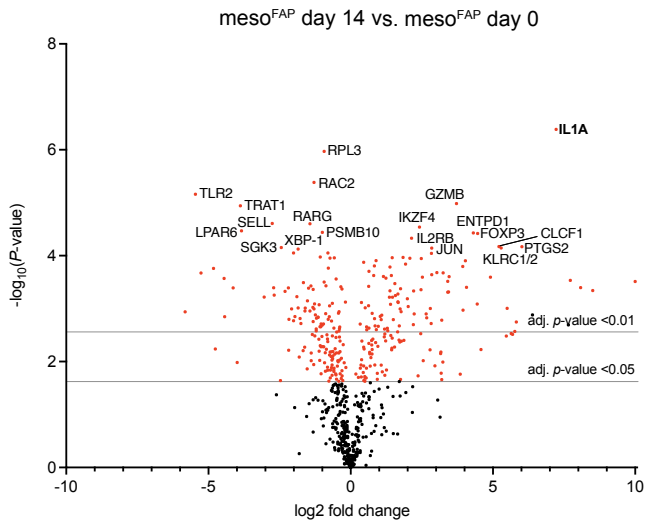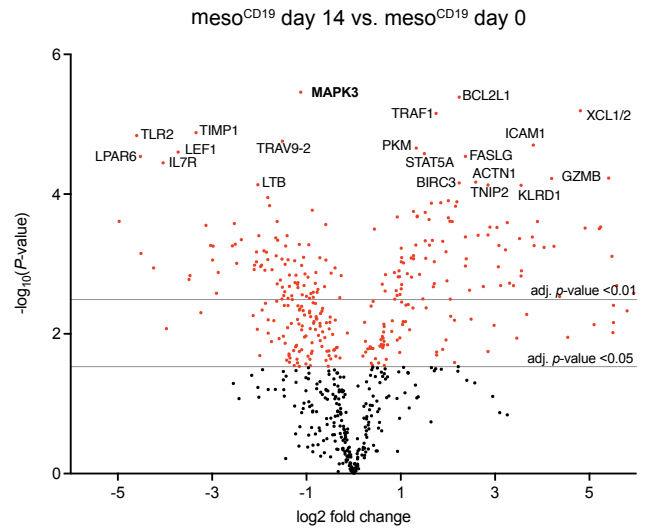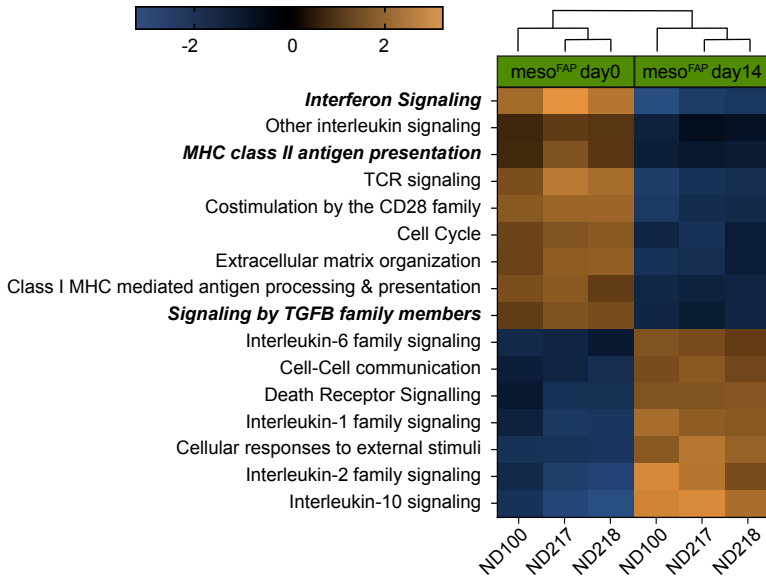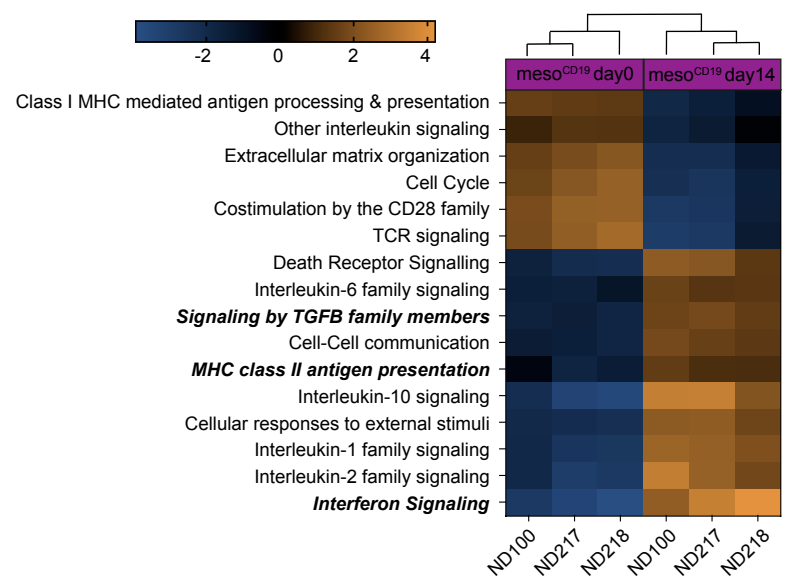**Suppl. Fig. S3. ASPC-1 and CAF repeat stimulation initiates a different transcription profile of meso^{FAP} and meso^{CD19} CAR T-cells over time. A.** Memory phenotype of T-cells in the co-culture on day 20. **B.** Normalized gene expression values (Log2) of PDCD1 (PD1), HAVCR2 (TIM-3), and LAG-3 (LAG-3). **C-D.** Volcano plot of differential RNA expression of flowcytometric sorted (expressing the same level of mCherry) meso^{FAP} (C) or meso^{CD19} (D) CAR T-cells on day 0 versus day 14 co-cultured with AsPC-1 and CAF-1s. The top 20 genes are annotated. The grey horizontal line indicates an adjusted p-value of 0.05 and 0.001 respectively. **E-F.** NanoString pathway analysis of flowcytometric sorted meso^{FAP} (E) or meso^{CD19} (F) (expressing the same level of mCherry) on day 0 before co-culture and day 14 following co-culture and 3 repeat stimulations with AsPC-1 and CAF-1s at a 2:1:1 ratio (mesoFAP:AsPC-1:CAF) from 3 different healthy donors (ND100, 217 and 218). Data are shown as mean+/- SEM. ns: not significant as determined by paired two-tailed t-tests.