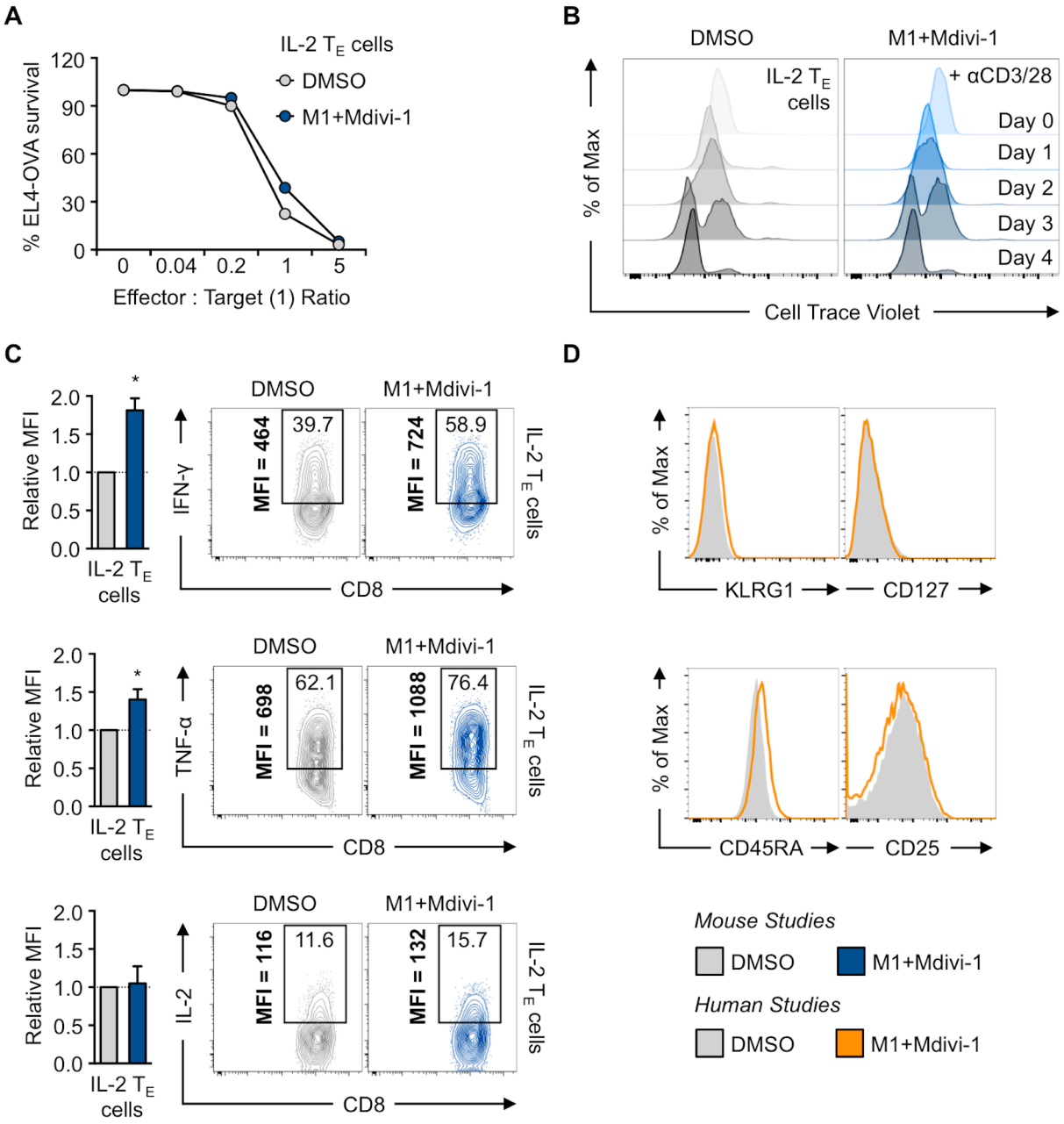

Figure S4. Examination of mouse and human IL-2 T_E cells after enforcing mitochondrial fusion with drugs (Related to Figure 4).

(**A-C**) Flow cytometry analyses of IL-2 T_E cells previously cultured with DMSO or M1+Mdivi-1 combined from 3 biological replicates. Cells were not subjected to further treatment with DMSO or M1+Mdivi-1 during experiment assays. (**A**) Cytolysis of EL4-OVA target cells at indicated concentrations. (**B**) Proliferation after restimulation with αCD3/CD28. (**C**) Intracellular cytokine staining after 4 hours stimulation with PMA and ionomycin. Relative MFI (left) with mean ± SEM and representative contour plots (right) with percentage of cytokine positive cells indicated in gated cells and MFI in bold, *p<0.05. Gates based on unstimulated cells (not shown). (**D**) Human $CD8^+$ PBMCs were activated with αCD3/CD28 + IL-2 to generate IL-2 T_E cells and subjected to DMSO or M1+Mdivi-1 treatment. KLRG1, CD127, CD45RA, and CD25 surface marker expression analyzed by flow cytometry shown with representative histograms from 4-6 biological replicates.