Figure 6-figure supplement 2. Expression of TF and effector molecules by *in vitro* differentiated CD4 T cells. a) The expression of mRNA coding for TF and effector molecules was measured by qPCR at various time points following the activation of naive CD4 T cells in the presence of Th1, Th2 or Th17 polarizing cytokines. Results are mean +/- SEM fold change as compared to naive CD4 T cells from 3-6 independent experiments. Th1 cells expressed higher levels of *TNF, GZMK*, *CX3CR1* than Th2 and Th17 cells, whereas *ASCL2* and *ZEB2* were expressed at high levels by more than one Th subset. **b)** The expression of Runx3, T-bet, Eomes and ThPOK was measured by flow cytometry after 14 days of activation of naive CD4 T cells in the presence of Th1 polarizing cytokines. Results are median +/- IC of MFI of perforin (left panel) and normalized MFI of transcription factors expression by perforin$^+$ cells as compared to perforin$^-$ cells from 4 to 6 experiments. **:$p<0.01$, ***:$p<0.001$. Perforin$^+$ cells expressed higher levels of Runx3, T-bet, Eomes and ThPOK than perforin$^-$ cells.