

## **Description of Additional Supplementary Files**

**Supplementary Data 1** | Differentially expressed genes between WT and KO p14 CD8<sup>+</sup> T cells 6 days p.i. ( $p$  adj <0.05 and fold differences  $\geq$  1.5), Related to Fig. 4

**Supplementary Data 2** | Differentially expressed genes between WT and KO p14 CD8<sup>+</sup> T cells 80 days p.i. ( $p$  adj <0.05 and fold differences  $\geq$  1.5), Related to Fig. 5

**Supplementary Data 3** | Images of representative dividing cells after *in vitro* activation, Related to Fig. 7