

Supplementary data

Supplementary data 1. List of differentially expressed genes between WT and AhR-deficient cells for 'progenitor exhausted' CD8 T cells (upregulated in WT). lfcSE:

standard error estimate for the log2 fold change. p value from one-sided Wald test. padj: adjusted p value for multiple testing using the procedure of Benjamini and Hochberg.

Supplementary data 2. List of differentially expressed genes between WT and AhR-deficient cells for 'progenitor exhausted' CD8 T cells (upregulated in KO). lfcSE:

standard error estimate for the log2 fold change. p value from one-sided Wald test. padj: adjusted p value for multiple testing using the procedure of Benjamini and Hochberg.

Supplementary data 3. List of differentially expressed genes between WT and AhR-deficient cells for effector CD8 T cells (upregulated in WT). lfcSE:

standard error estimate for the log2 fold change. p value from one-sided Wald test. padj: adjusted p value for multiple testing using the procedure of Benjamini and Hochberg.

Supplementary data 4. List of differentially expressed genes between WT and AhR-deficient cells for effector CD8 T cells (upregulated in KO). lfcSE:

standard error estimate for the log2 fold change. p value from one-sided Wald test. padj: adjusted p value for multiple testing using the procedure of Benjamini and Hochberg.

Supplementary data 5. List of antibodies used for flow cytometry panels.