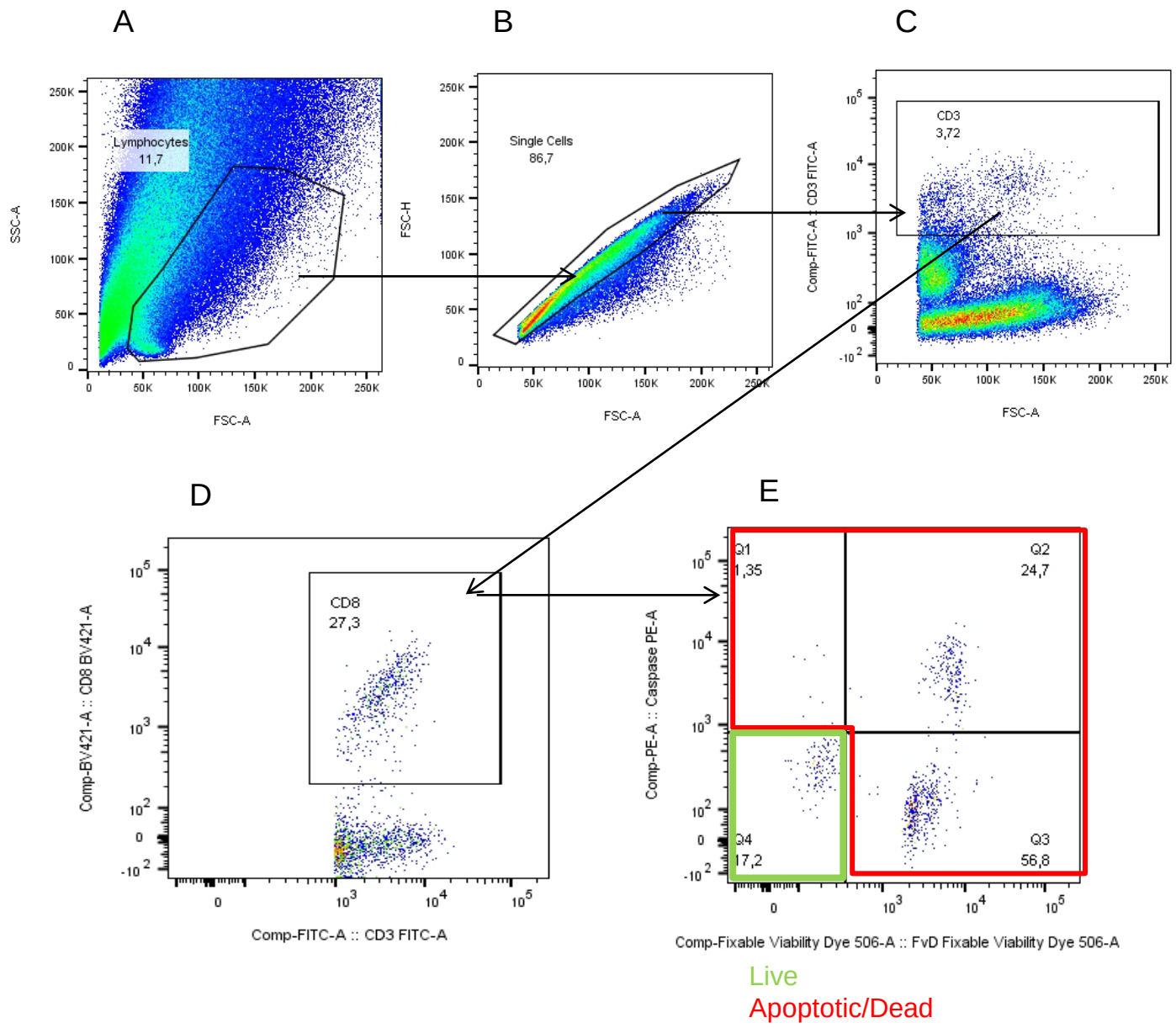
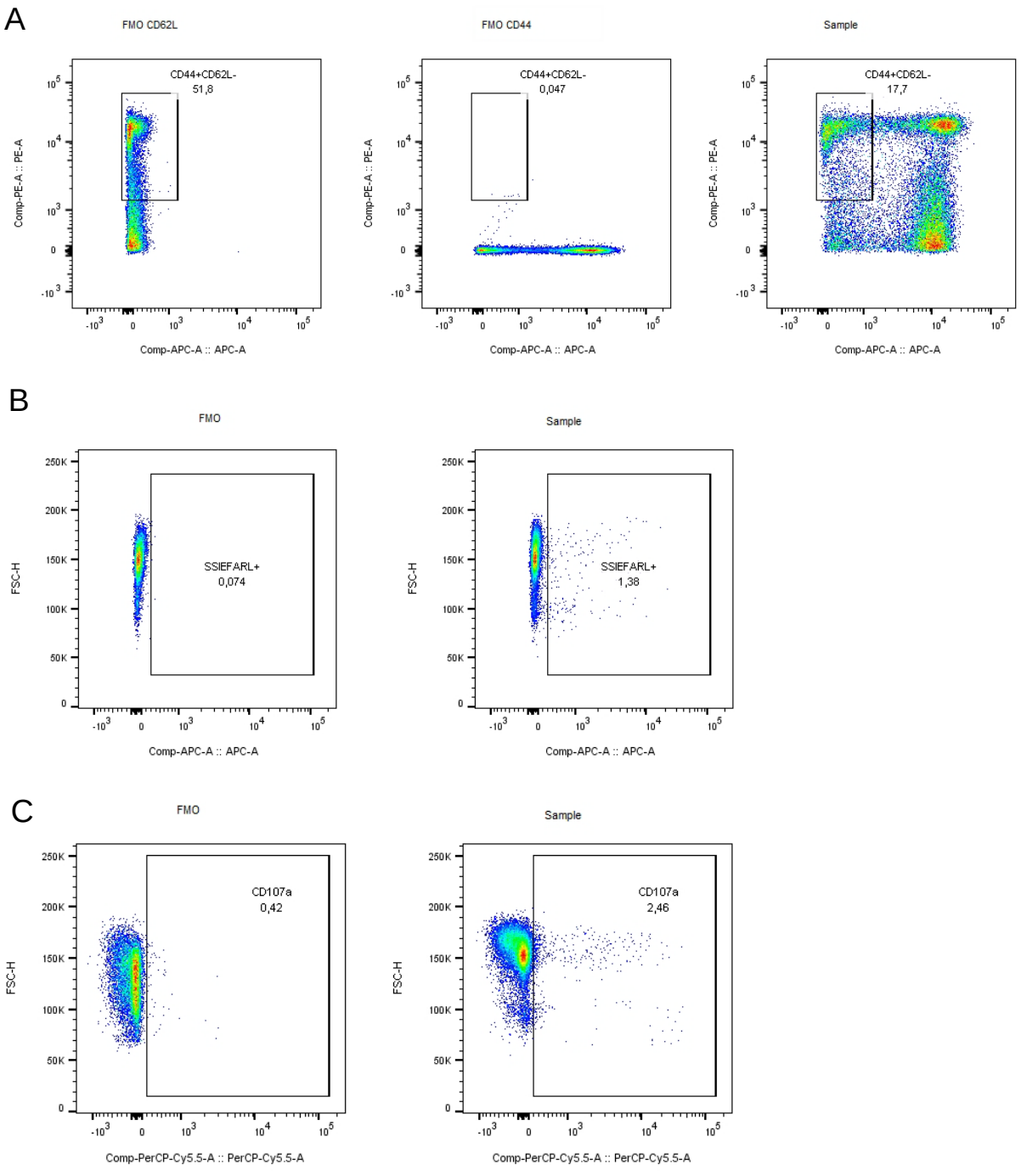
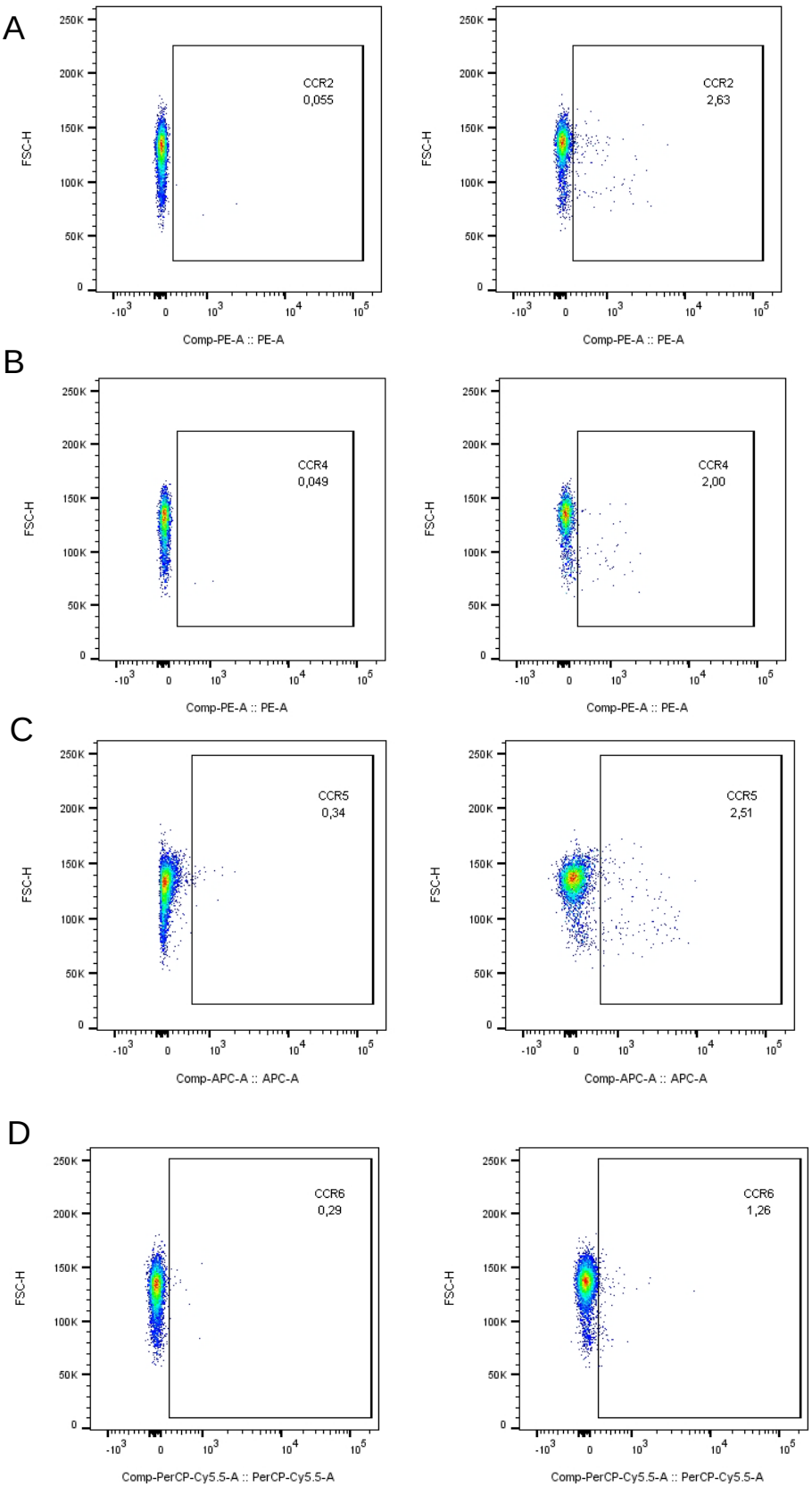
Supplementary figure 1. Representative flow cytometry plots of spinal cord cells showing the general gating strategy for staining of spinal cord and spleen cells Plots show (A) SSC-A (y-axis) vs FSC-A (x-axis), (B) FCS-H (y-axis) vs FSC-A (x-axis), (C) CD3 (y-axis) vs FSC-A (x-axis), (D) CD8 (y-axis) vs CD3 (x-axis), and (E) live (green) and dead/apoptotic (red) CD8+ T-cells after staining with Caspase-3 (y-axis) and Viability Dye (x-axis).



Supplementary figure 2. Representative flow cytometry plots of spleen cells showing the gating strategy for staining of spleen and spinal cord CD8+ T-cells with (A) CD44 and CD62, (B) SSIEFARL, and (C) and CD107a.

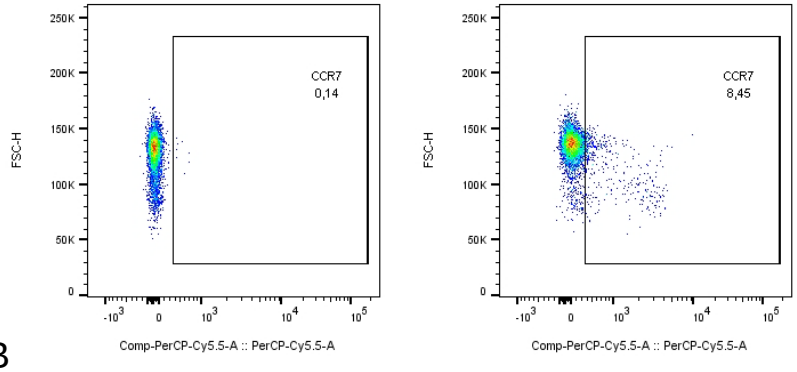


Supplementary figure 3. Representative flow cytometry plots of spleen cells showing the gating strategy for staining of spleen and spinal cord CD8+ T-cells with CCR2 (A, right panel), CCR4 (B, right panel), CCR5 (C, right panel), and CCR6 (D, right panel). Left panel represent FMO staining for the corresponding chemokine receptor.

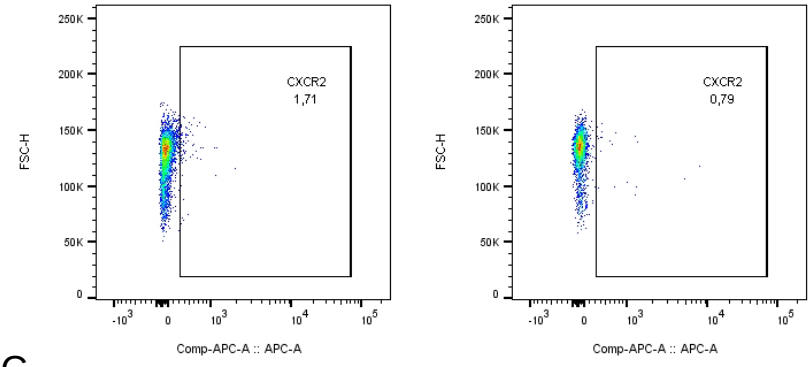


Supplementary figure 4. Representative flow cytometry plots of spleen cells showing the gating strategy for staining of spleen and spinal cord CD8+ T-cells with CCR7 (A, right panel), CXCR2 (B, right panel), CXCR3 (C, right panel), and CXCR4 (D, right panel). Left panel represent FMO staining for the corresponding chemokine receptor.

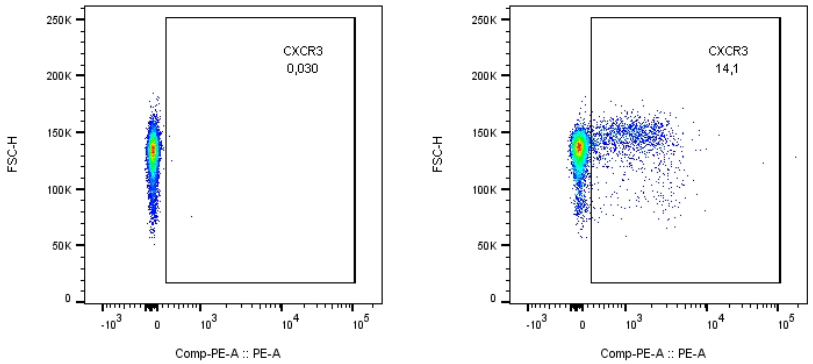
A



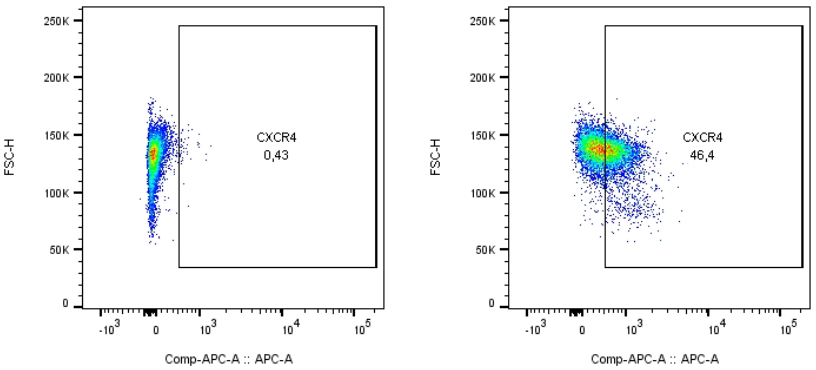

B




C




D



Supplementary figure 5. Chemokine receptor expression on spleen CD8+ T-cells in uninfected mice (black bars, d0) and HSV-2 infected mice (grey bars, d8). Data is expressed as percentage of CD8+ T-cells expressing CCR2, CCR4, CCR5, CCR6, CCR7, CXCR2, CXCR3 or CXCR4. Statistical analysis was performed using ANOVA with Tukeys multiple comparisons test, where **** indicates p<0.0001 and *** p < 0.001 using GraphPad Prism version 7 (GraphPad Software).