

Supplemental Figure Legends

Supplemental 1.

AL and 40RD mice were infected with 10^4 CFUs of *Listeria monocytogenes* per mouse. At days 0 and 5 post-infection, spleens were harvested, counted, and analyzed by flow cytometry. (a) The total number of splenic B cells. (b) Relative abundance of B cells as a percentage of all live cells. (c) The total number of splenic CD4 T cells. (d) Relative abundance of CD4 T cells as a percentage of all live cells. (e) The total number of splenic CD8 T cells. (e) Relative abundance of CD8 T cells as a percentage of all live cells.

Supplemental 2.

AL and 40RD mice were infected with 10^4 CFUs of *Listeria monocytogenes* per mouse. At days 0 and 5 post-infection, bone marrow and spleens were harvested, counted, and analyzed by flow cytometry. (a) The total number of bone marrow monocytes. (b) Relative abundance of bone marrow as a percentage of all live cells. (c) The total number of splenic monocytes. (d) Relative abundance of splenic monocytes as a percentage of all live cells. Mice were placed on 40RD and peripheral blood was collected at 1 and 2 weeks post-dietary restriction. Blood was then analyzed to quantify the total number of (e) white blood cells (WBC) and (f) blood neutrophils.

Supplemental 3.

AL and RF mice were infected with 10^4 CFUs of *Listeria monocytogenes* per mouse. At days 0 and 5 post-infection, spleens were harvested, counted, and analyzed by flow cytometry. (a) Relative abundance of B cells as a percentage of all live cells. (b) The total number of splenic B cells. (c) Relative abundance of CD4 T cells as a percentage of all live cells. (d) The total number of splenic CD4 T cells. (e) Relative abundance of CD8 T cells as a percentage of all live cells. (f) The total number of splenic CD8 T cells.

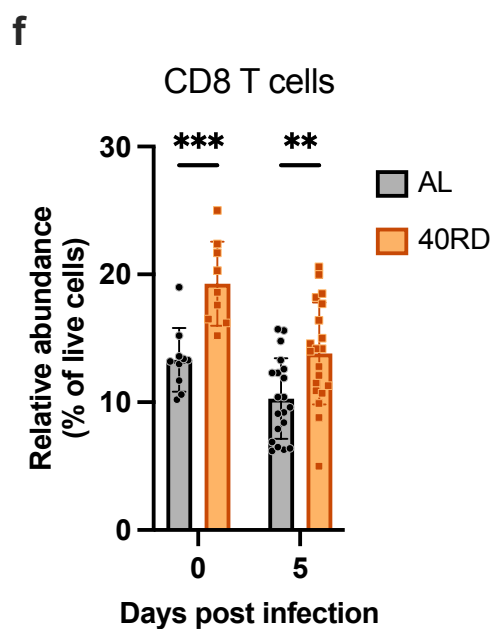
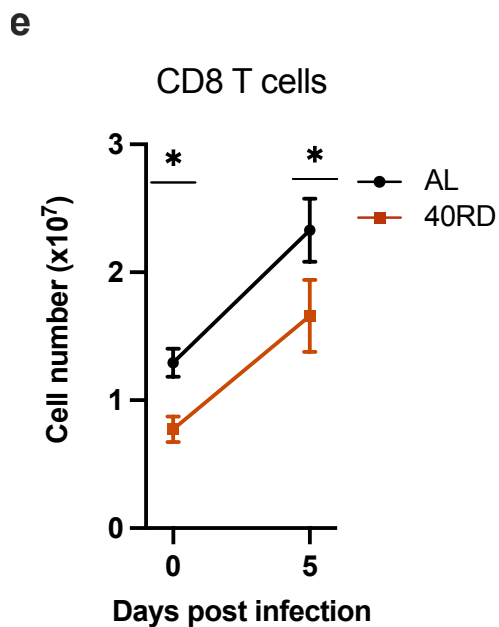
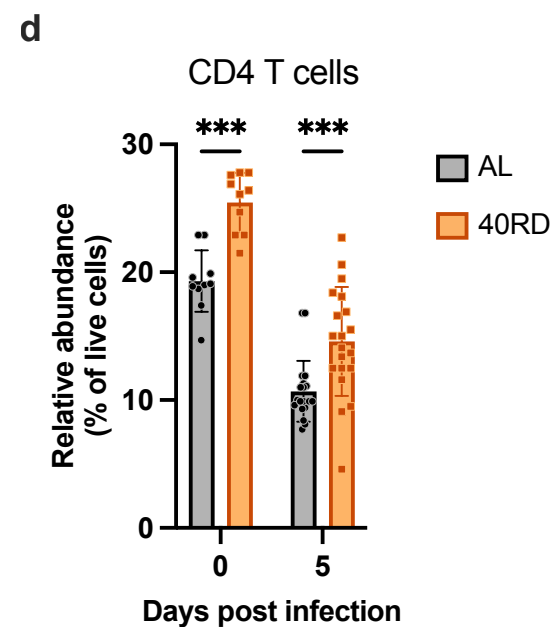
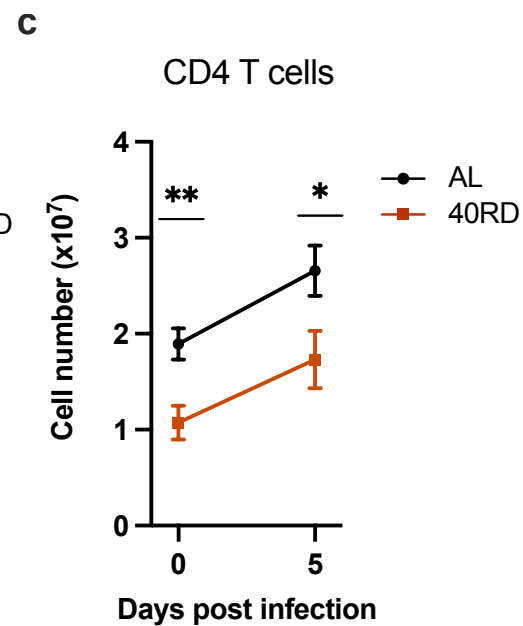
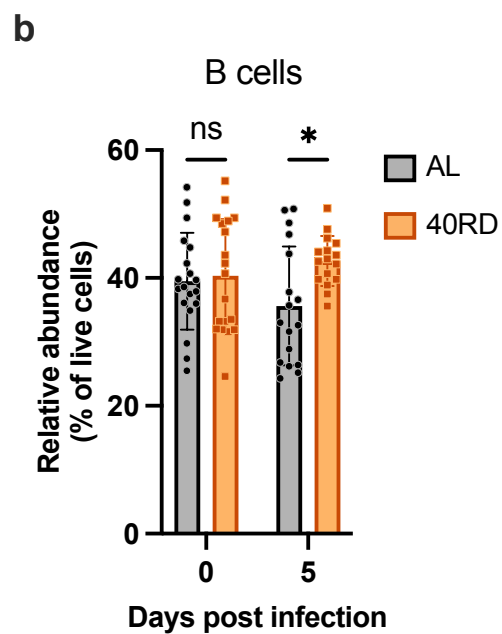
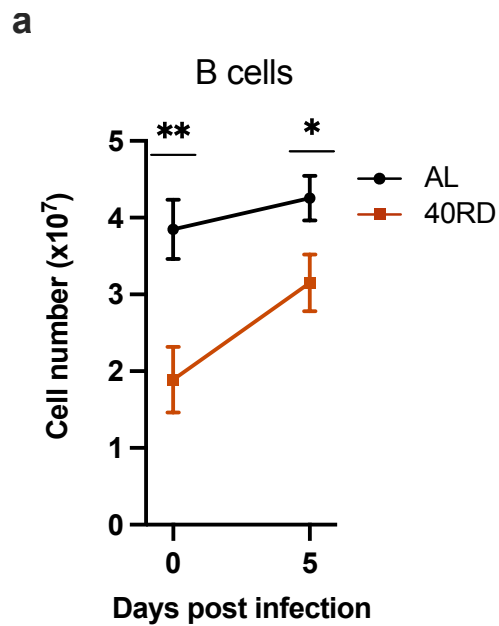
Supplemental 4.

AL and RF mice were infected with 10^4 CFUs of *Listeria monocytogenes* per mouse. At days 0 and 5 post-infection, bone marrow and spleens were harvested, counted, and analyzed by flow cytometry. (a) Relative abundance of splenic monocytes as a percentage of all live cells. (b) The total number of splenic monocytes cells. (c) Relative abundance of bone marrow neutrophils as a percentage of all live cells. (d) The total number of bone marrow neutrophils. (e) Relative abundance of bone marrow monocytes as a percentage of all live cells. (f) The total number of bone marrow monocytes.

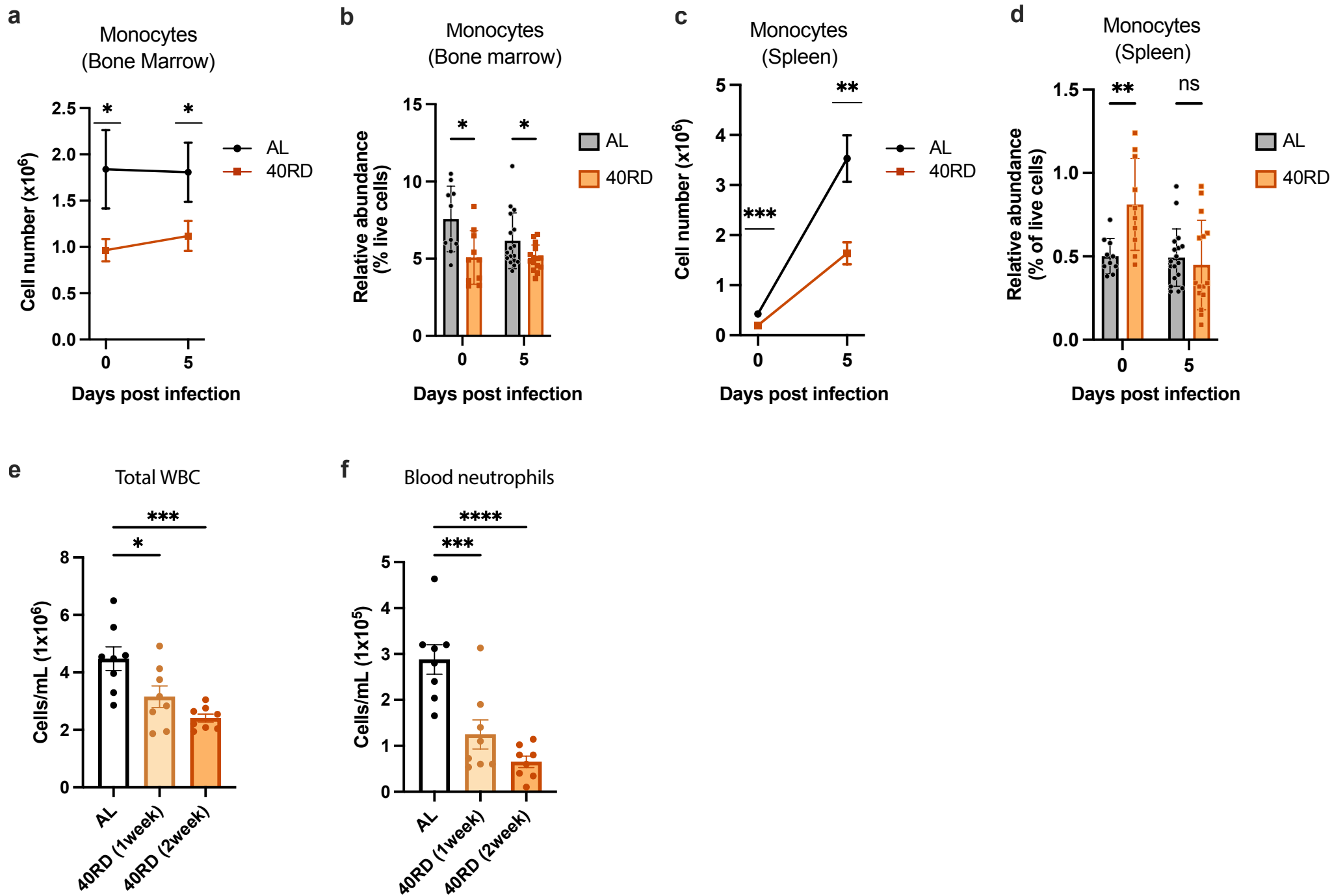
Supplemental 5.

AL and RF mice were infected with 10^4 CFUs of *Listeria monocytogenes* per mouse. At days 0 and 5 post-infection, bone marrow was harvested, counted, and analyzed by flow cytometry. (a) Relative abundance of pre-GM cells as a percentage of all live cells. (b) The total number of pre-GM cells. (c) Relative abundance of GMP cells as a percentage of all live cells. (d) The total number of GMP cells.

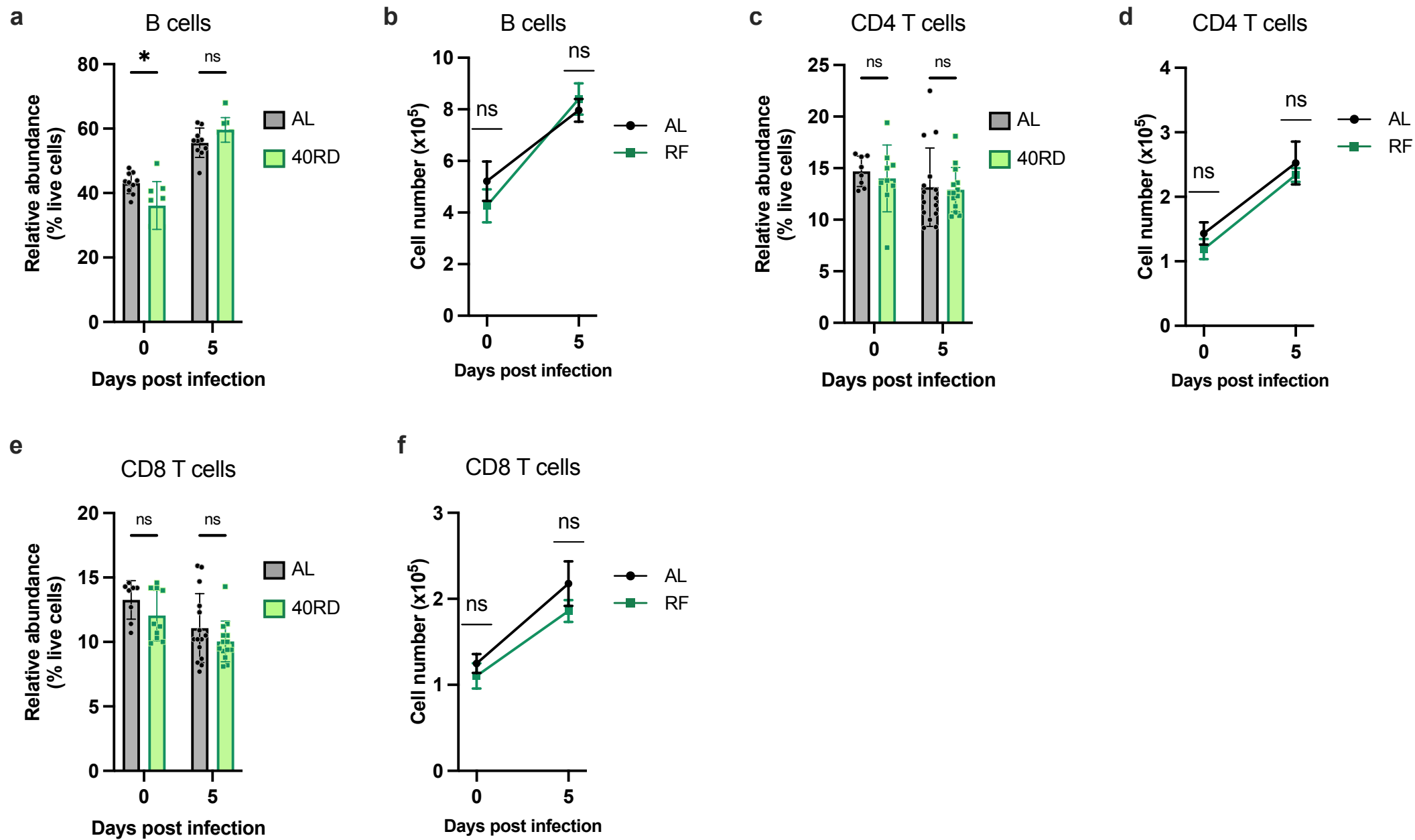
Supplemental 1



Supplemental 2

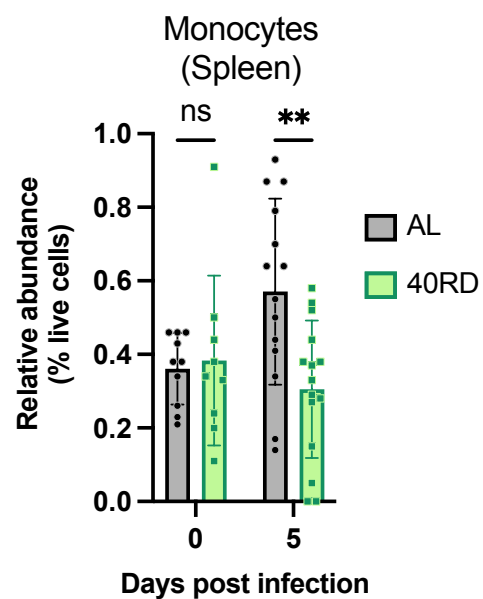


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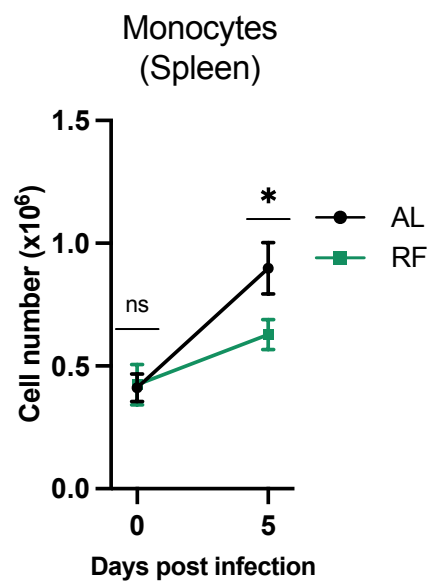


Supplemental 4

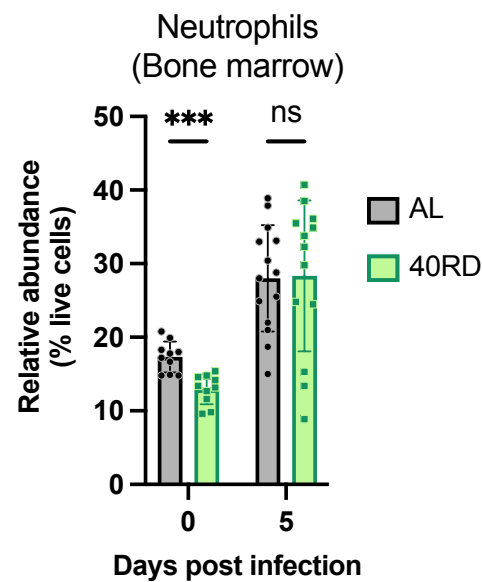
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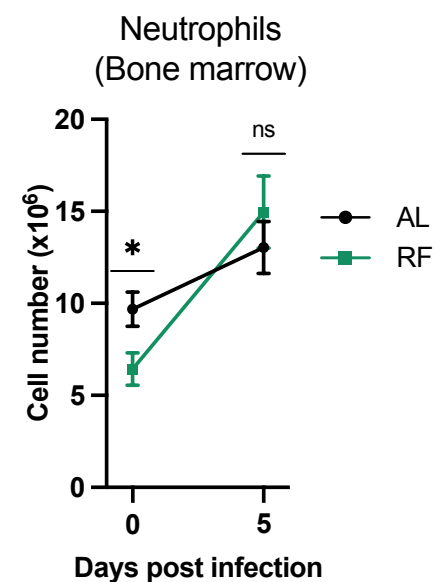
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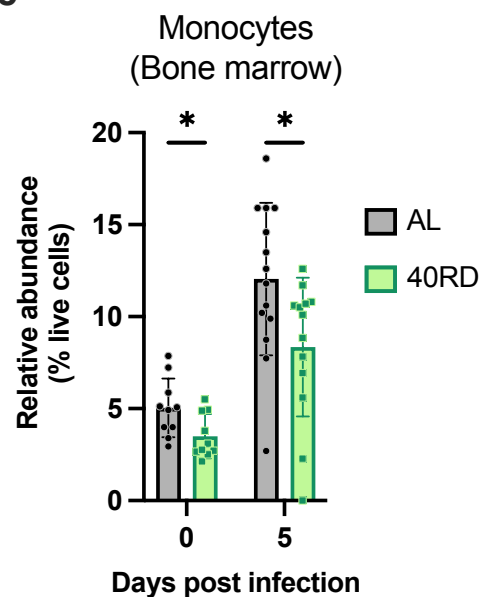
c



d



e



f

