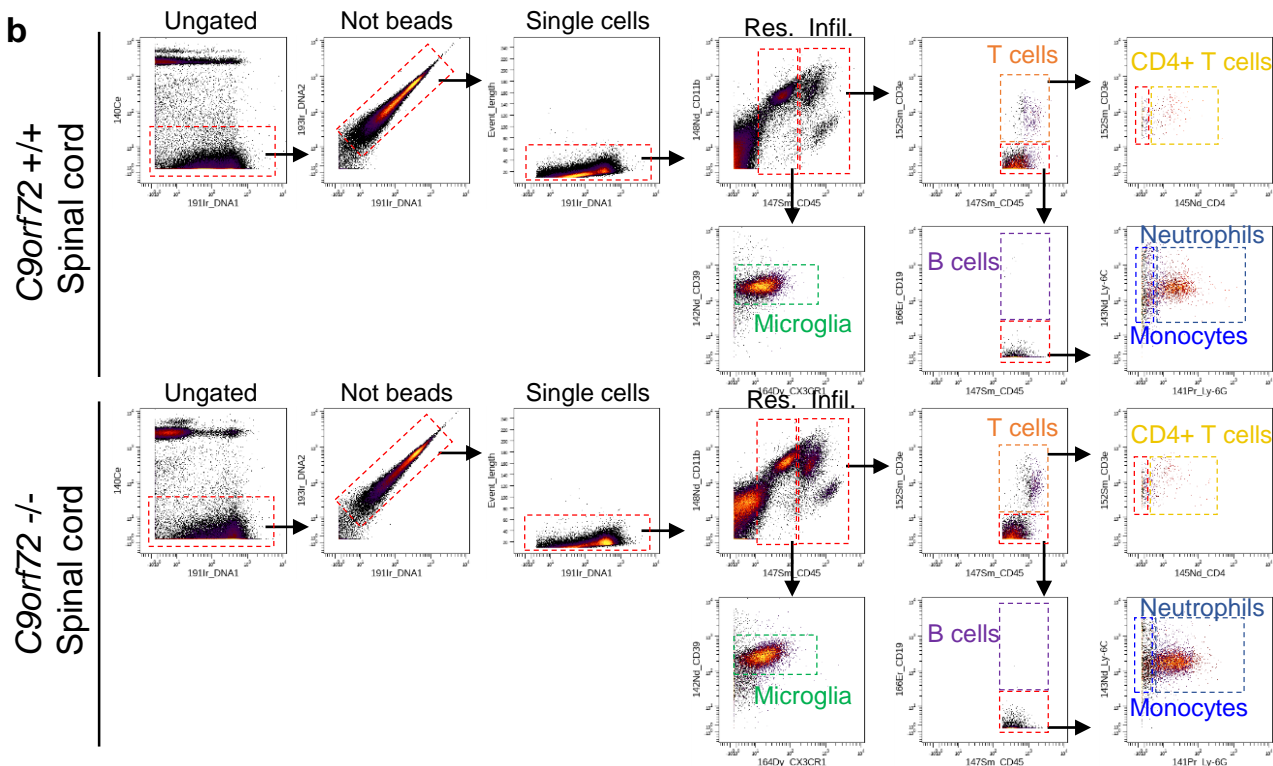
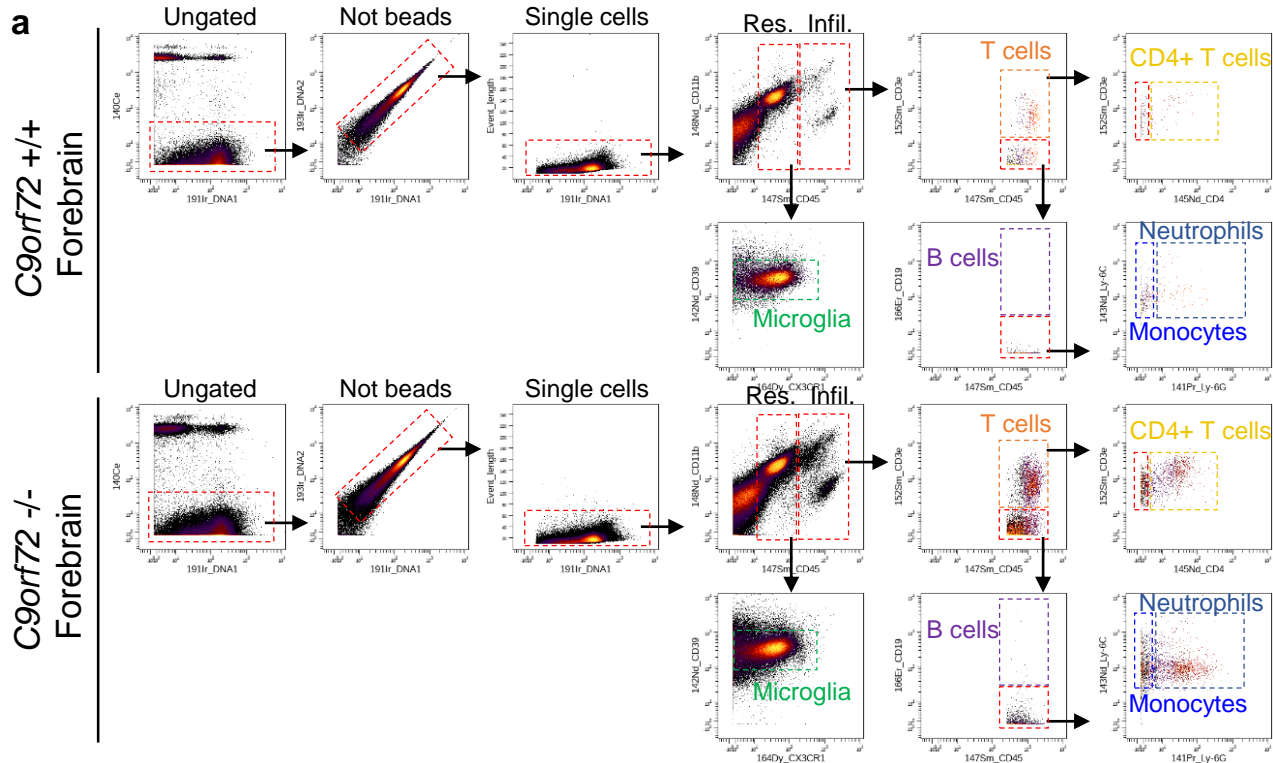


Supplementary Info Table 1 | Difference in microbiota between vivaria

| Species | Microorganism | Harvard University[^] | Broad Institute[^] | Fisher's exact test |
|----------------|-----------------------------|---------------------------------------|------------------------------------|----------------------------|
| Virus | Mouse norovirus | 3/4 | 0/9 | P = 0.0140 |
| Bacteria | <i>Helicobacter spp.</i> | 25/25 | 0/9 | P < 0.0001 |
| | <i>P. pneumotropica</i> | 4/4 | 1/9 | P = 0.0070 |
| | <i>P. aeruginosa</i> | 4/25 | 0/9 | ns |
| | <i>S. aureus</i> | 1/25 | 1/9 | ns |
| Protozoa | <i>Tritrichomonas muris</i> | 10/10 | 0/9 | P < 0.0001 |
| | <i>Entamoeba muris</i> | 1/4 | 0/9 | ns |

[^]Number of mice positive / number of mice tested. Analyzed by PCR assays for rodent infectious agents (PRIA).



Supplementary Info mass cytometry gating scheme