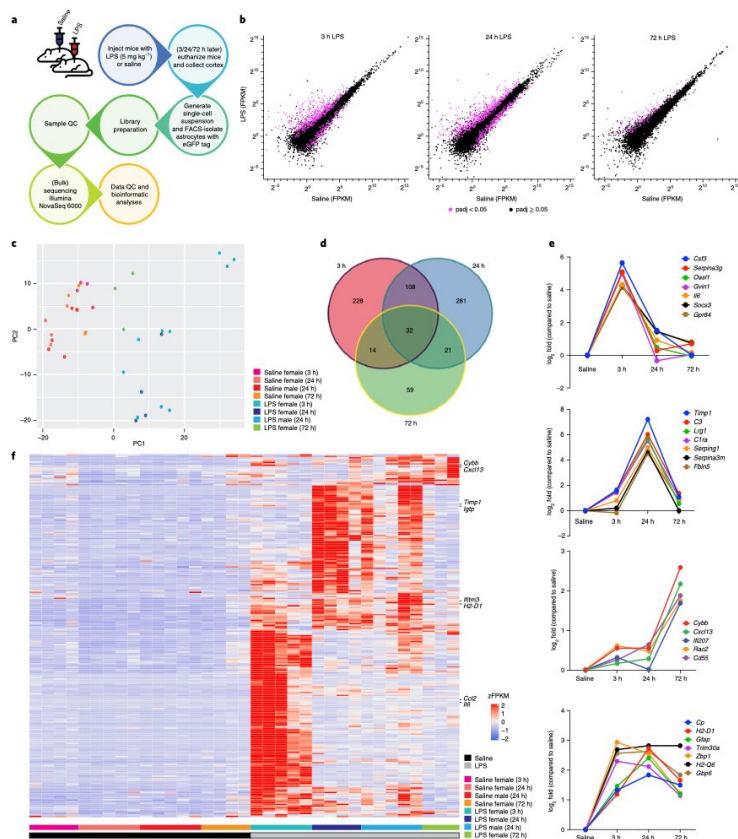


# Figure 1



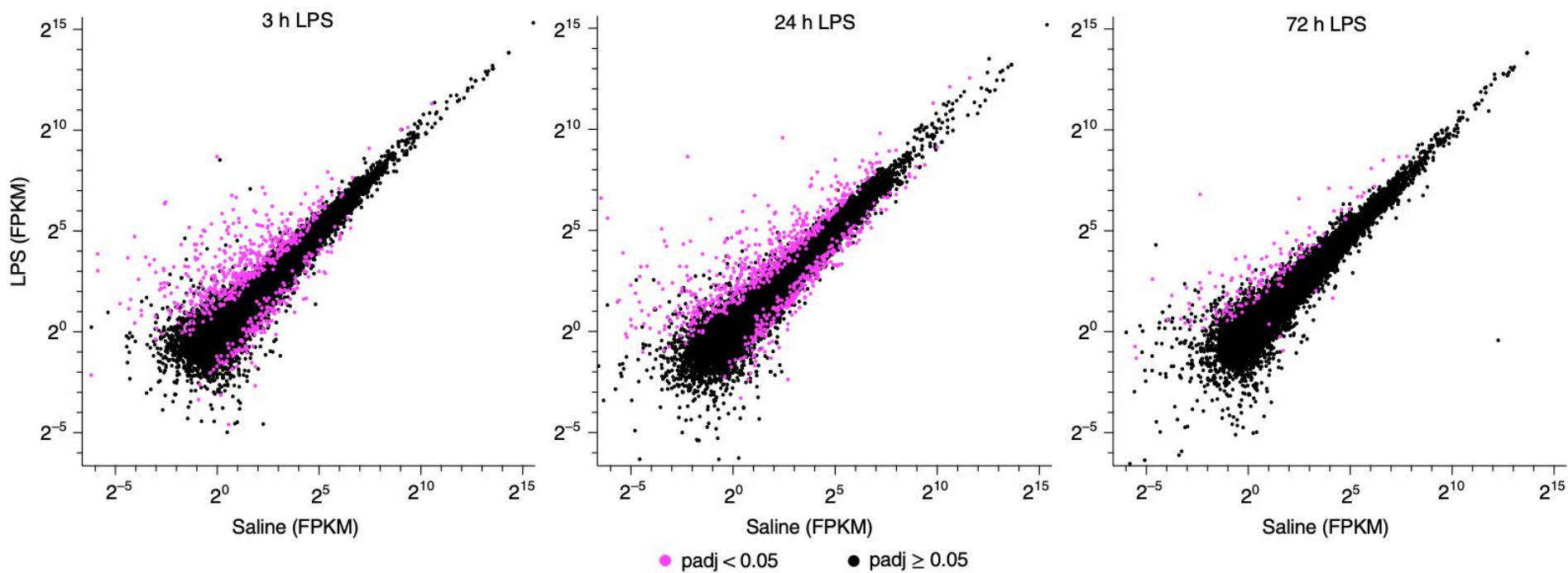
**Fig. 1 |** Astrocytes undergo a fast inflammatory transition that drastically changes over time. **a**, Schematic of experimental approach for astrocyte bulk sequencing of saline- and LPS-injected *Aldh111eGFP* mice. **b**, FPKM scatter plots of all analyzed genes of FACS-purified astrocytes comparing saline- to LPS-injected female mice at 3 h, 24 h and 72 h after injection. Genes highlighted in purple are  $P_{adj} < 0.05$ , saline 3 h ( $n = 4$  animals), 24 h ( $n = 5$ ), 72 h ( $n = 4$ ) and LPS 3 h ( $n = 5$ ), 24 h ( $n = 4$ ) and 72 h ( $n = 3$ ). **c**, PCA of samples in **b** and saline- and LPS-injected male mice at 24 h after injection (saline  $n = 5$ , LPS  $n = 5$ ). **d**, Venn diagram of genes induced  $\geq 1$  log2 fold with  $P_{adj} < 0.05$  in any of three time points (female mice). **e**, log2 fold induction of genes primarily induced at 3 h (top panel), 24 h (second panel) or 72 h (third panel) as well as genes significantly upregulated at all three time points (bottom panel), all female. **f**, Heat map of genes strongly induced ( $\geq 2$  log2 fold with  $P_{adj} < 0.05$ , z-transformed FPKM values) in any of the three time points and clustered according to the induction pattern over time, all three time points of female mice plus the 24-h injection time point for male mice.

## For each figure plot/result, focus on:

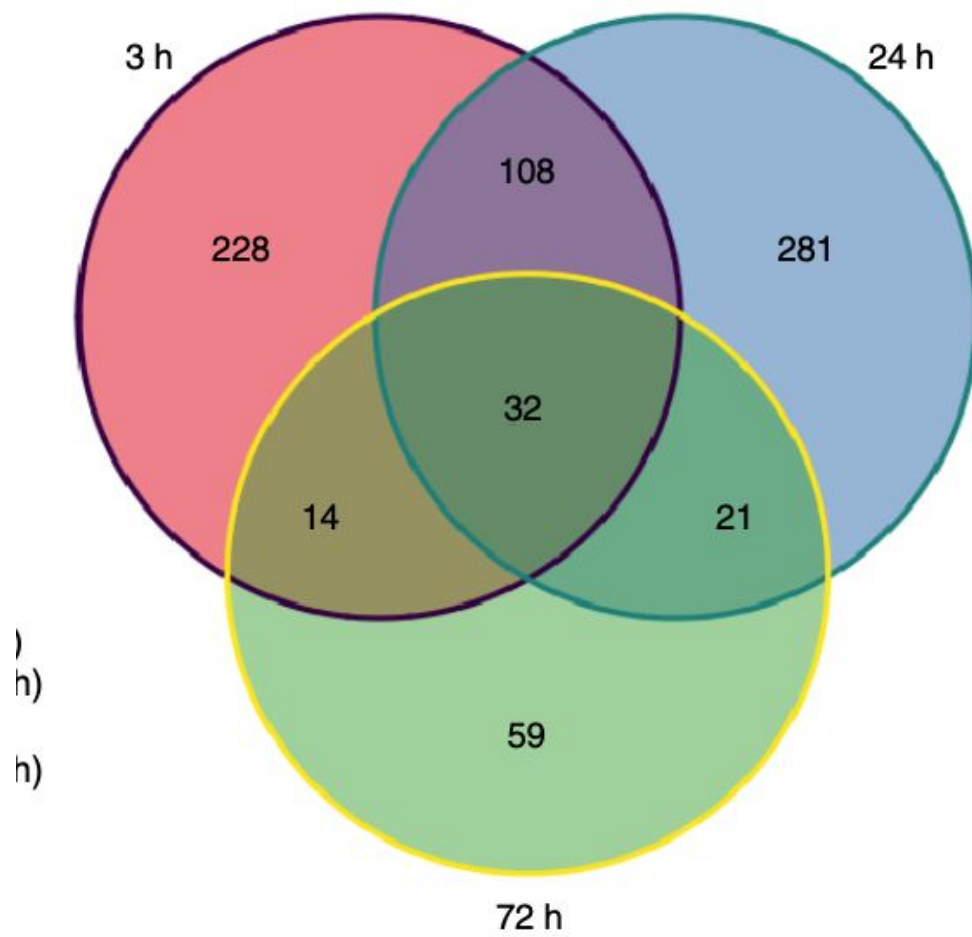
- What is a dot, column, and/or row represents
- X-axis unit
- Y-axis unit
- Overarching conclusion

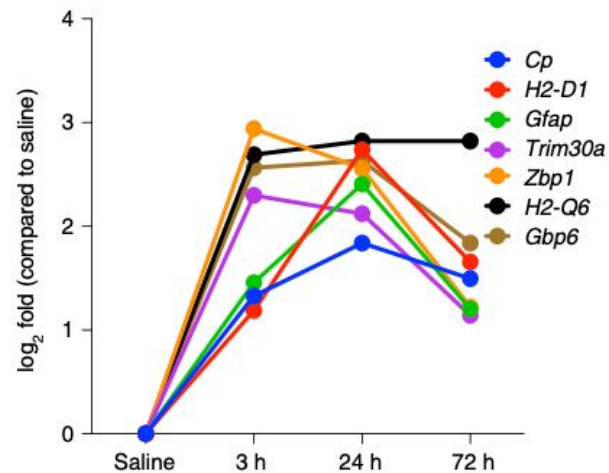
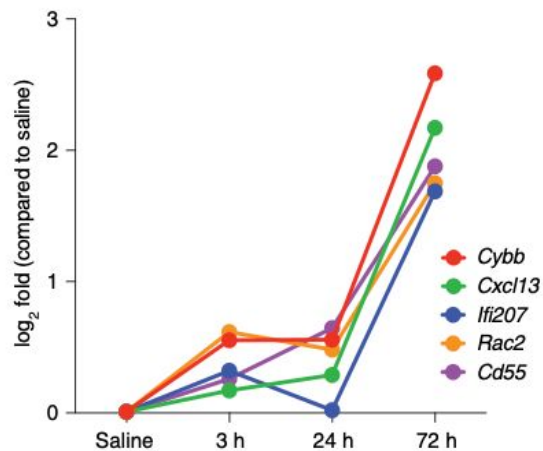
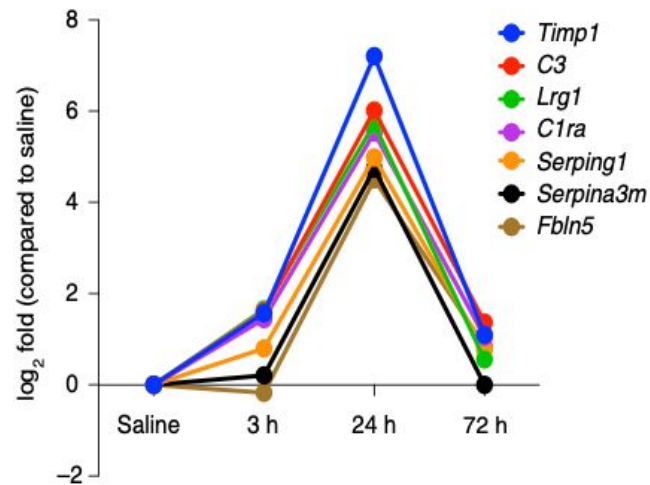
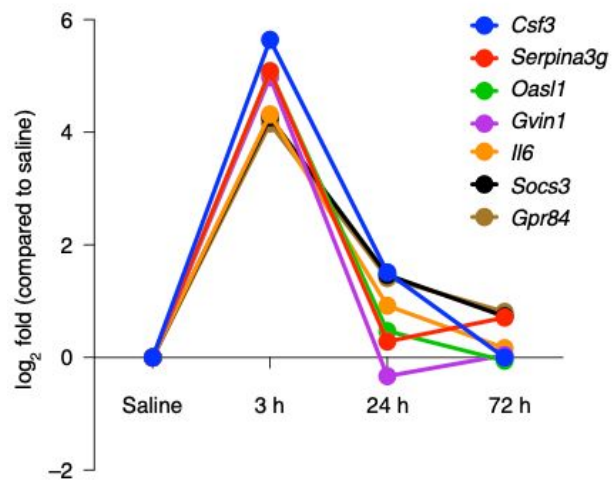
## Try not to:

- Get hung-up on the technical minutiae

**b**

**d**



**e**

**f**