

Figure S1: BactQuant analyses of bacteria load in dams and pups. (A) Bacteria load in Mc and Mg dams during pregnancy (gestation day 20) **(B)** Bacterial load in Pc and Pg pups at postnatal day 14. Data shown as mean \pm SD. **Related to Figure 1.**

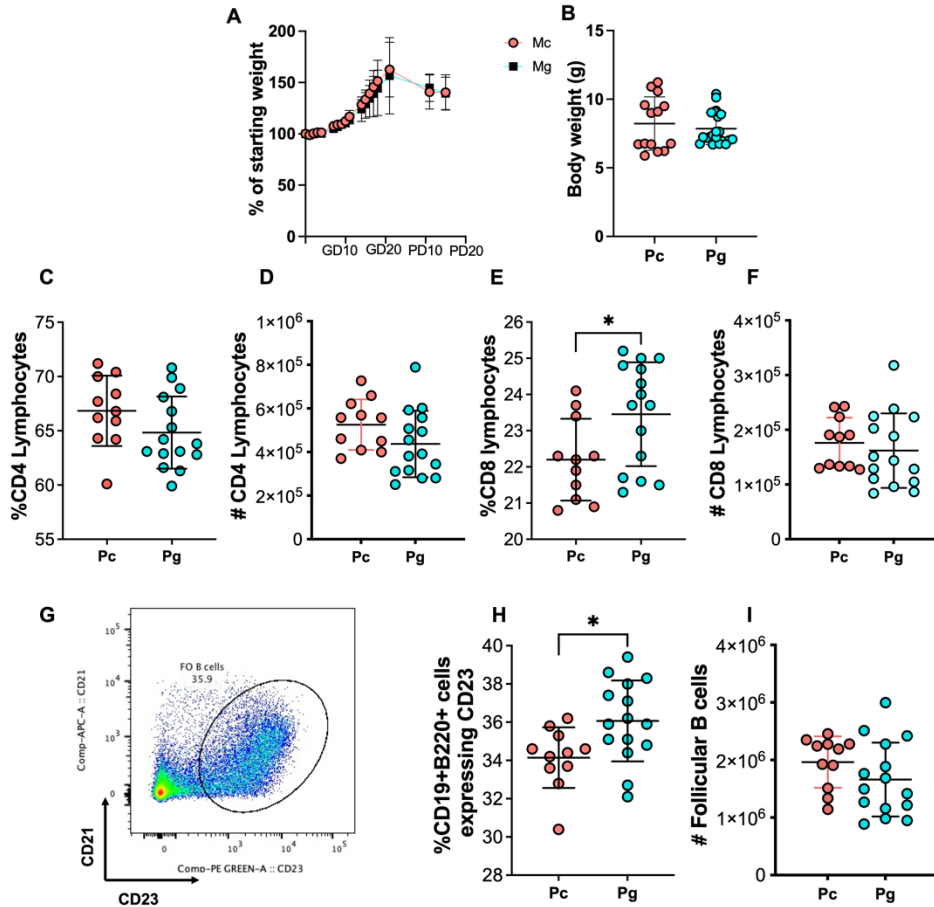


Figure S2: Body weights and Inherent immunity in pups spleens day 14 postpartum. (A) Body weight of dams during gestation and at postnatal day 10 and 14. **(B)** Pups body weight at postnatal day 14. **(C-D)** Frequency and numbers of CD4+ T cells. **(E-F)** Frequency and numbers of CD8+ T cells. **(G)** Representative flow plot of Follicular B cells (CD19+B220+CD23+). **(H-I)** Frequency and number of Follicular B cells. Shown as mean \pm SD. Data are combined from two independent experiments. n=11-21 per group for pups and 6 per group for dams. *p < 0.05. **Related to Figure 2.**

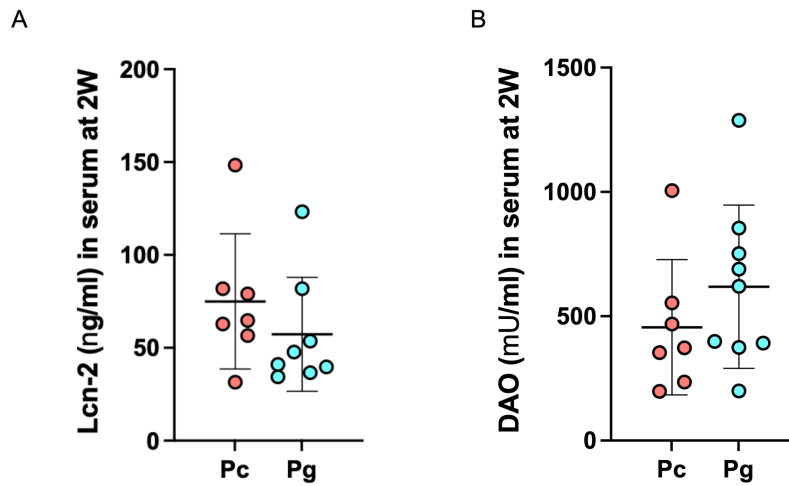


Figure S3: Inflammation and intestinal injury in pups. We measured markers of systemic inflammation or intestinal mucosal injury in pups serum at day 14 of life. **(A)** Concentrations of Lipocalin-2 in serum. **(B)** Concentrations of Diamine Oxidase in serum. Graphs are shown as mean \pm SD. N= 7-8 per group. **Related to Figure 2.**