



Figure S1. Sodium bicarbonate treatment facilitates *K. pneumoniae* gut colonisation.

A. CFUs per gr of small intestine and colon of mice infected with 10⁸ CFUs of Kp52145. Mice were pre-treated or not with sodium bicarbonate 5 min before oral gavage of bacteria. 4-5 mice per group were infected. **B.** Bacterial loads in the colon and faeces of mice infected with the indicated bacterial doses. Samples were obtained twelve days post infection. 4-5 mice per group were analysed.

In panels, values are presented as the mean \pm SD. **** $P \leq 0.0001$; * $P \leq 0.05$ for the indicated comparisons determined using Mann-Whitney U test.