

SUPPLEMENTAL INFORMATION

The SOS Response Mediates Sustained Colonization of the Mammalian Gut

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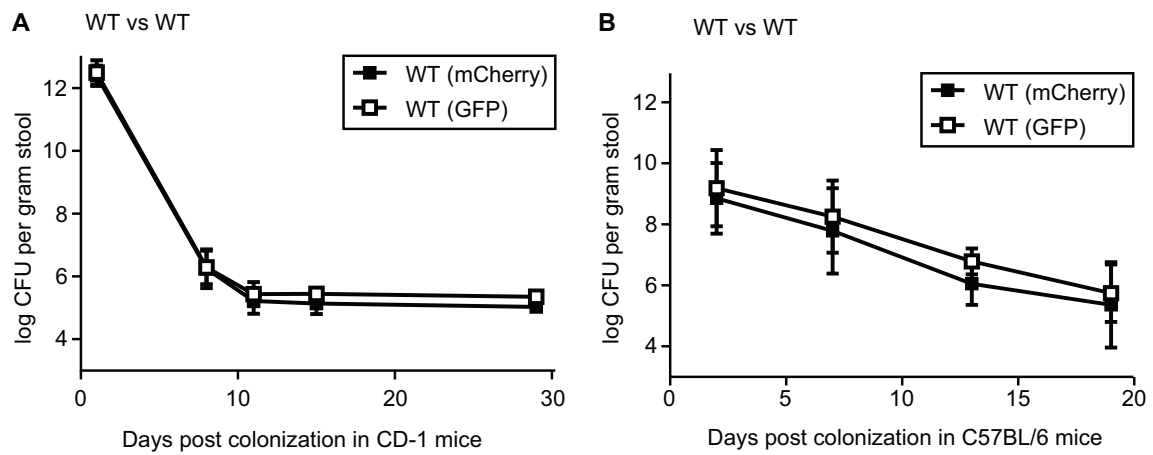


FIG S1 Shown are the log CFU per gram of stool for WT:WT control competition experiments in either CD-1 or C57BL/6 mice. Each symbol represents the mean of all individual mice with the standard deviation shown. The limit of detection was 10^2 for the CD-1 mice and 10^3 for C57BL/6 mice.

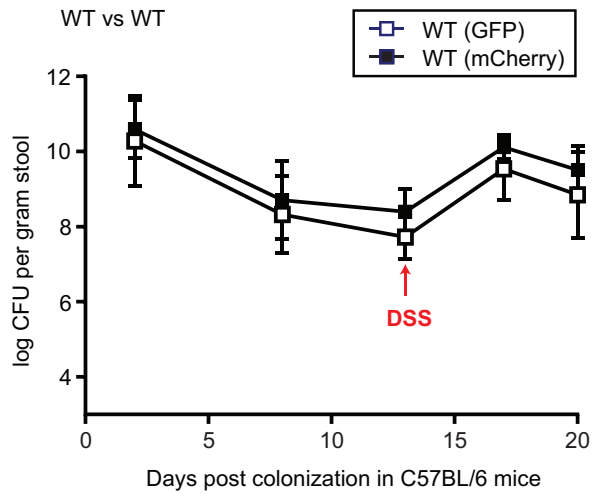


FIG S3 Shown are the log CFU per gram of stool for WT:WT DSS-treated control competition experiments with C57BL/6 mice. Each symbol represents the mean of all individual mice with the standard deviation shown. The limit of detection was 10^3 .

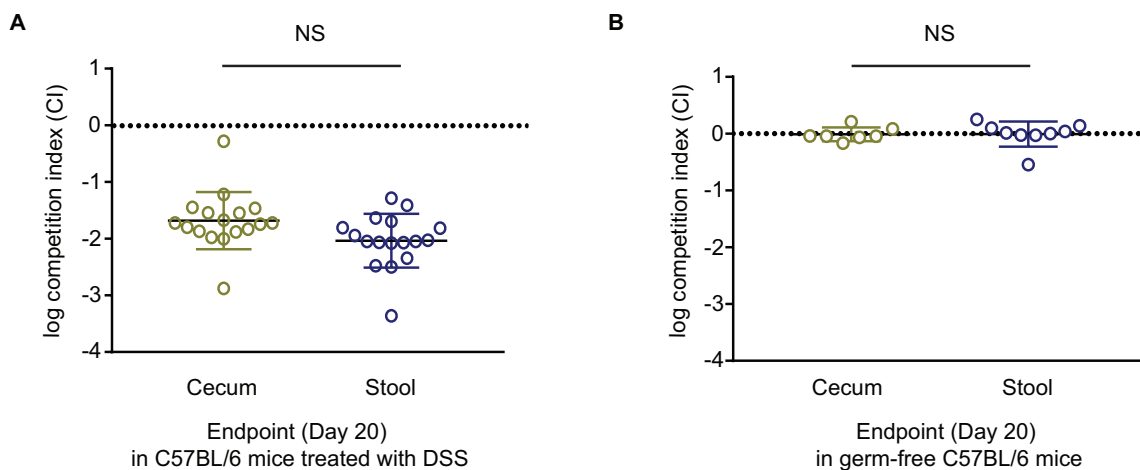


FIG S4 Comparison of cecal versus stool results for WT:SOS-off competition in the DSS-treated (A) or germ-free experiments (B). At the time of euthanasia cecal contents were collected and prepared similar to the feces. Shown are the competition index calculations. Each circle represents an individual mouse. The comparison between the cecal and stool samples was made using a two-tailed unpaired Student *t* test. NS, no statistical significance ($p > 0.01$).