



**S10 Fig. *cbs* deletion mutant has no defect in colonizing infant mouse.**

Infant CD1 mice were administrated with wild-type (WT) and  $\Delta cbs$ . Intestines were collected at 18 hrs post inoculation. Bacterial loads were quantified by plating.

Competition index (CI) was calculated as the ration of  $\Delta cbs$  to WT colonies and normalized with the input ratio.