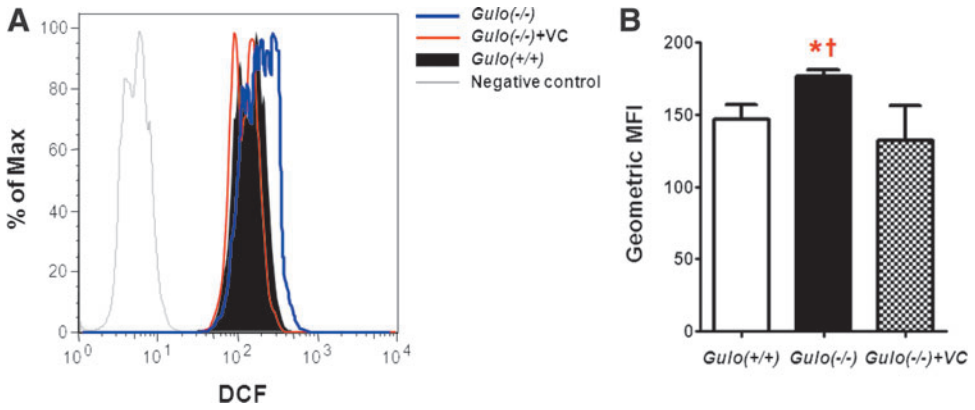

SUPPLEMENTARY FIG. S2. Increase of ROS levels in the liver of vitamin C-insufficient *Gulo(−/−)* in response to Con A. WT [*Gulo(+/+)*], vitamin C-insufficient [*Gulo(−/−)*], and vitamin C-sufficient [*Gulo(−/−)*+VC] mice were intravenously injected with 20 μg/g of Con A or phosphate buffered saline (PBS). At 4 h after injection, the liver cells were isolated, and the intracellular ROS levels were measured by DCFA-DA, as described in the Supplementary Materials and Methods section. **(A)** Representative histogram. **(B)** Mean fluorescence intensity (MFI) of DCF is represented as the mean ± SD [data were presented as the means ± SDs. Newman–Keuls multiple comparison test was used to compare the all groups, $n=3$, $^*p<0.05$ *vs.* WT mice, $^\dagger p<0.05$ *vs. Gulo(−/−)*+VC]. Con A, concanavalin A; DCF, dichlorofluorescein; ROS, reactive oxygen species.