

Supplementary Material

GPR35-mediated kynurenic acid sensing contributes to maintenance of gut microbiota homeostasis in ulcerative colitis

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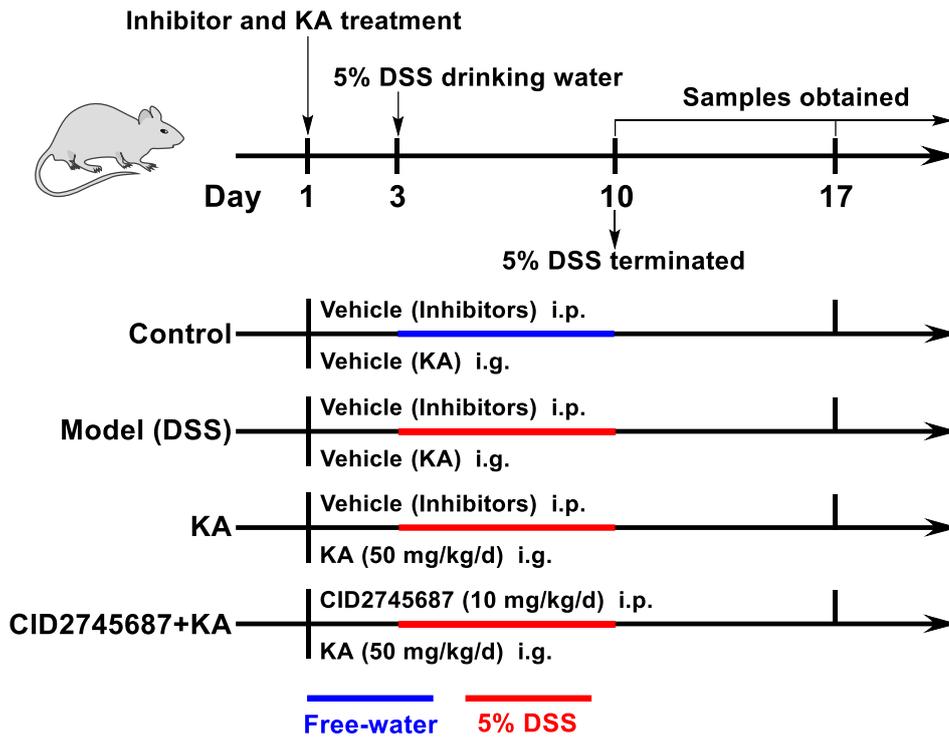


Figure S1. Schematic representation of rat disposal process in each group.

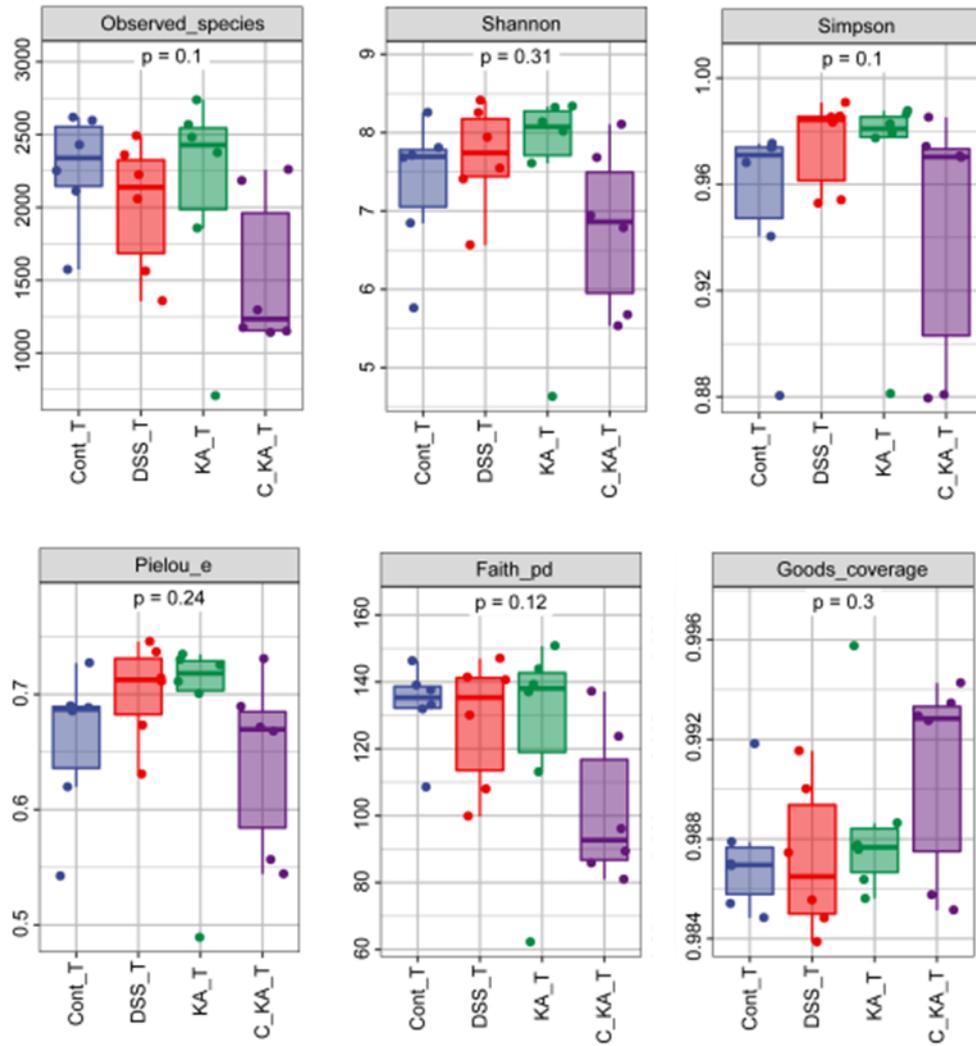


Figure S2. α -diversity analysis of gut microbiota by Observed_species, Shannon, Simpson, Faith_pd, Goods_coverage and Pielou_e indexes.

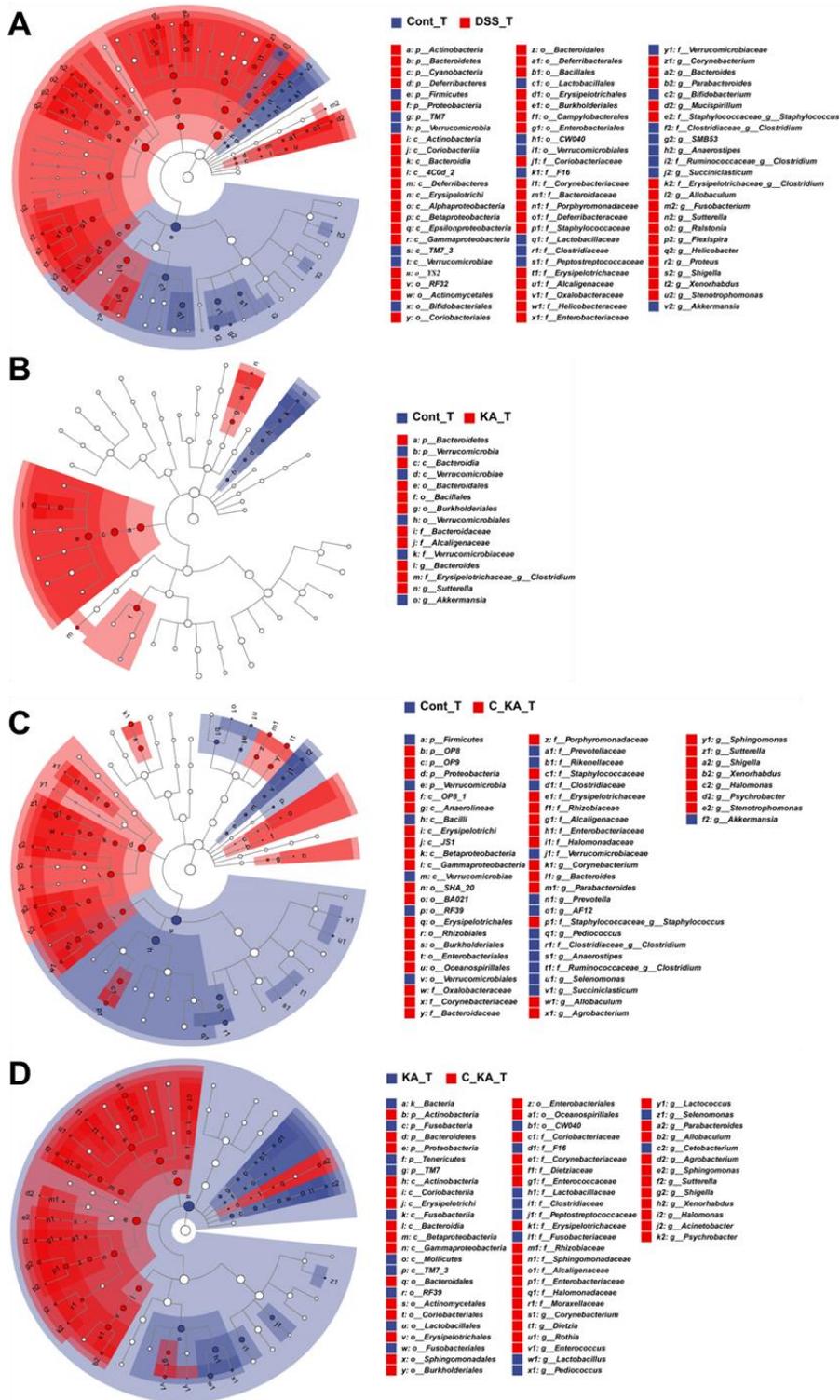


Figure S3. The LefSe analysis of the differential gut microbiome in Cont_T and DSS_T groups (A), Cont_T and KA_T groups (B), Cont_T and C_KA_T groups (C), KA_T and C_KA_T groups (D). The size of the circles was based on the relative abundance, the solid circle represented $LDA > 3.0$, $p < 0.05$, and the hollow circle represented $p > 0.05$.

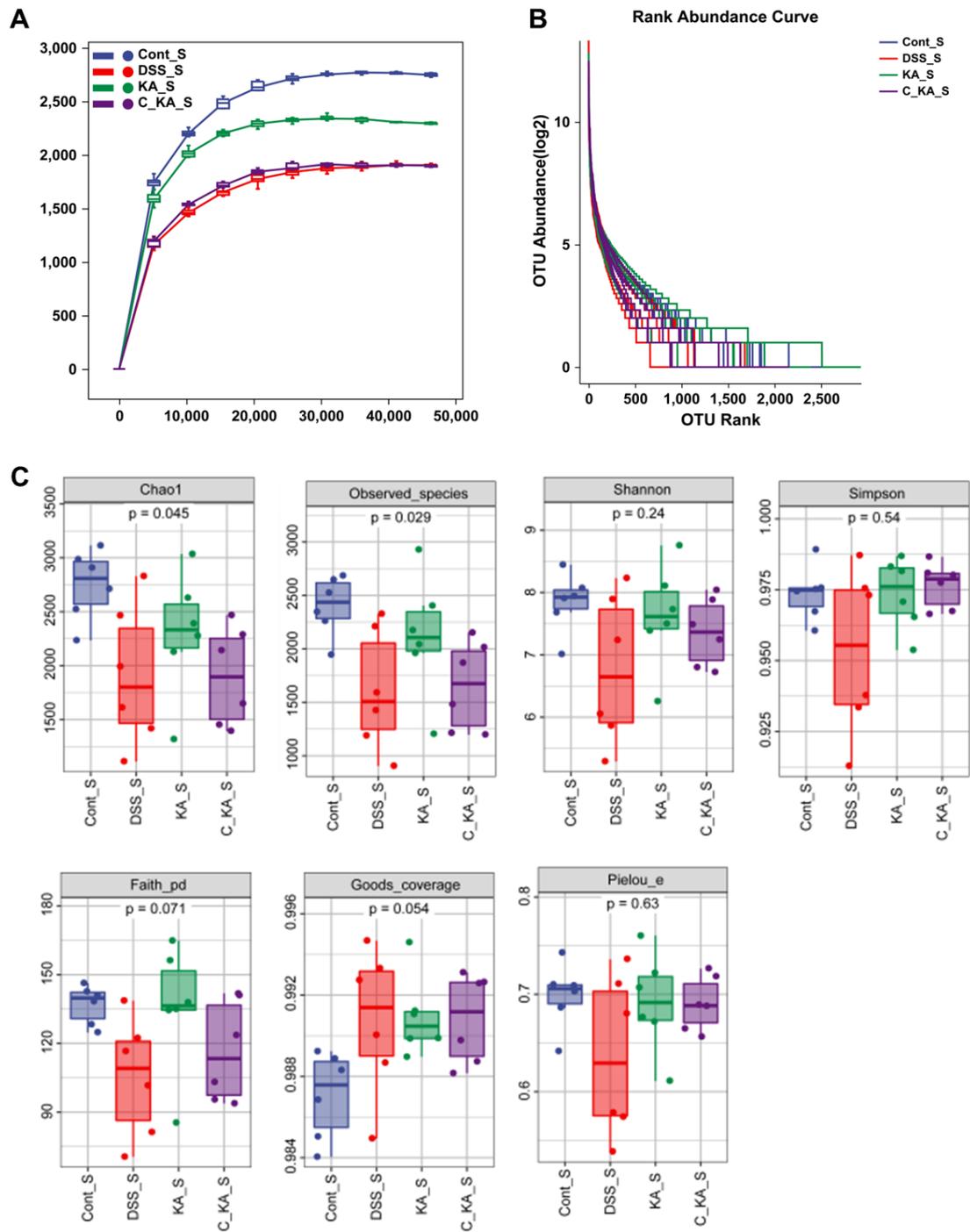


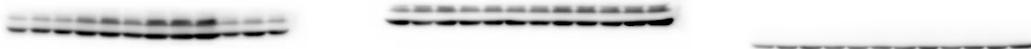
Figure S4. (A, B) Rarefaction curve (A) and Rank abundance curve (B) of each group. (C) α -diversity analysis of gut microbiota by Chao1, Observed_species, Shannon, Simpson, Faith_pd, Goods_coverage and Pielou_e indexes.

The raw unedited western blot images presented in Figure 1E

p-ERK1/2

ERK1/2

β -actin



The raw unedited western blot images presented in Figure 4E

p-ERK1/2

ERK1/2

β -actin

