

## Supplementary information for

# Metabolomic Profiling of Mice with Tacrolimus-Induced Nephrotoxicity: Carnitine Deficiency in Renal Tissue

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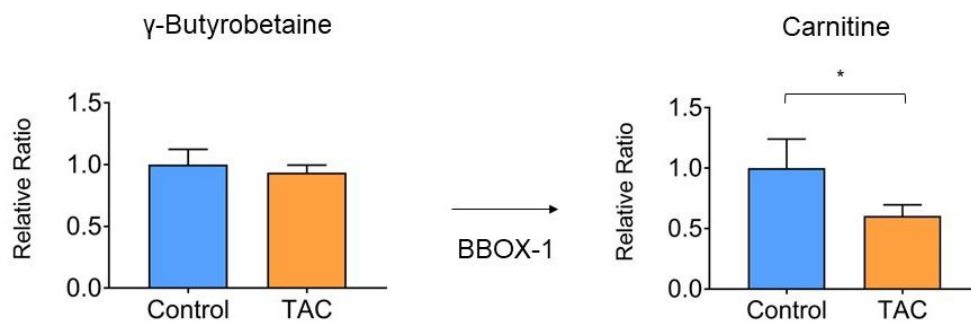
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**Supplemental Figure S1. Relationship between  $\gamma$ -butyrobetaine and carnitine.** Solid line indicates the relationship between the substance and the produced metabolite. Carnitine is biosynthesized from  $\gamma$ -butyrobetaine via Gamma-butyrobetainenhydroxylase 1 (BBOX-1). The relative ratio of  $\gamma$ -butyrobetaine was 0.9 in the Tac group compared with the control group.  $\gamma$ -butyrobetaine was not significantly different between the two groups ( $p = 0.37$ ).