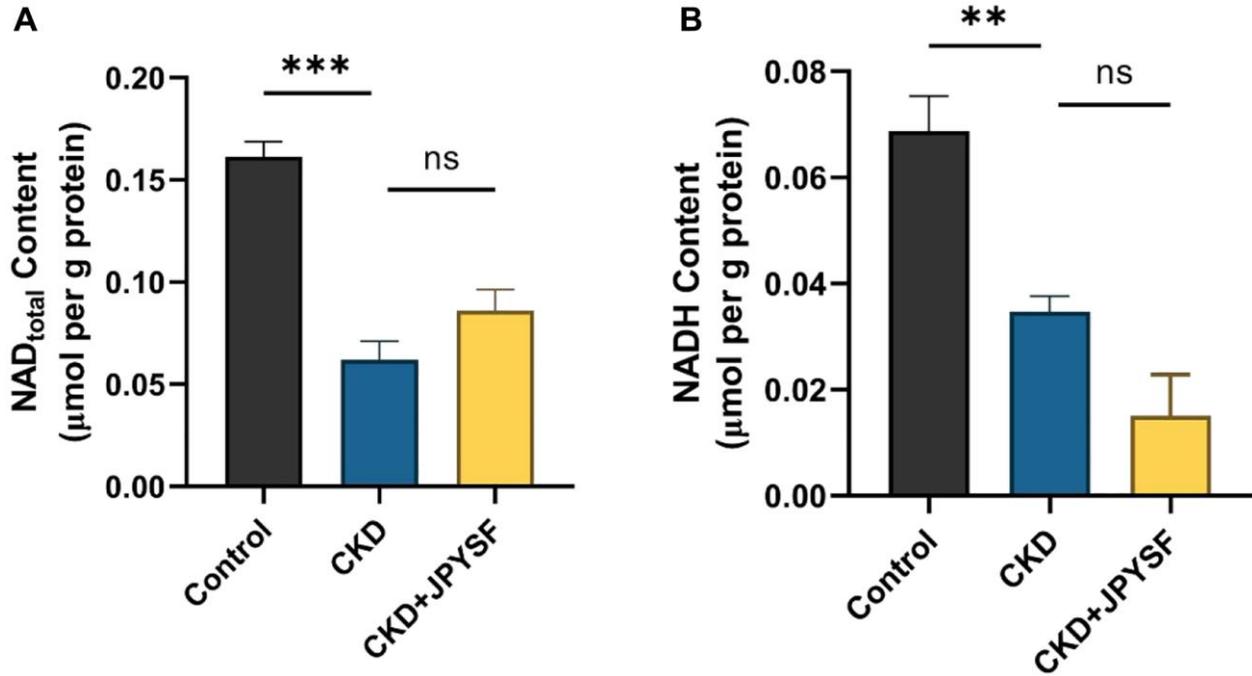
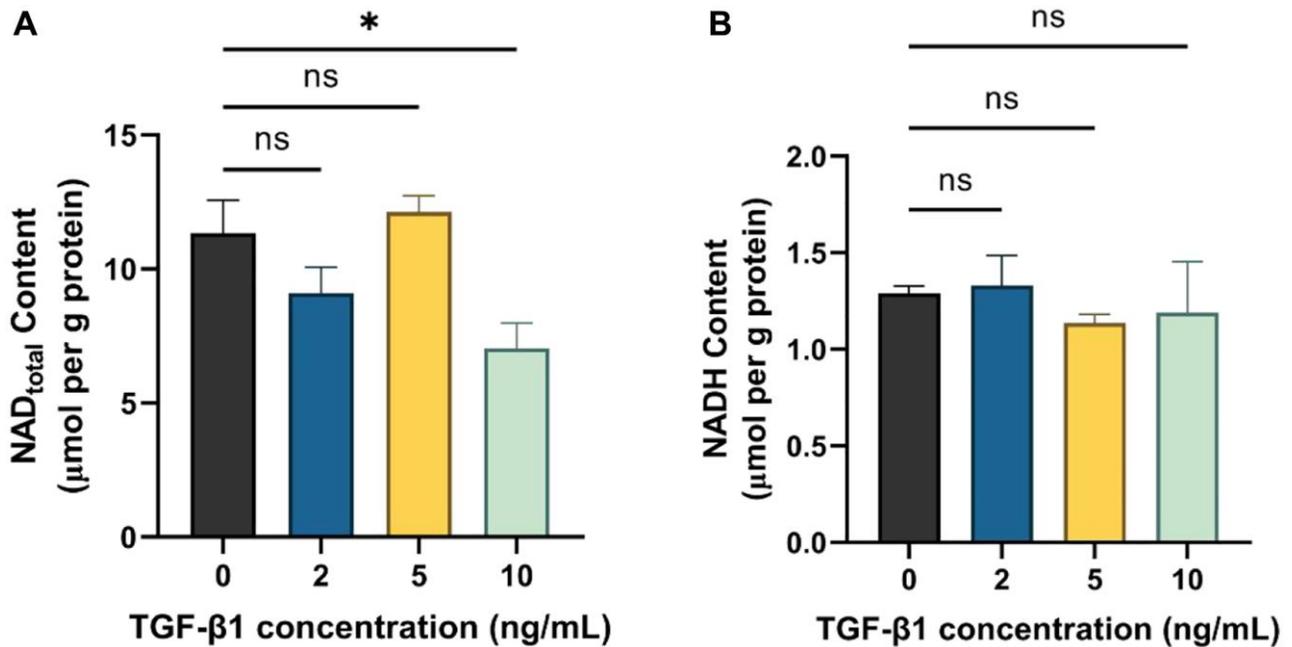


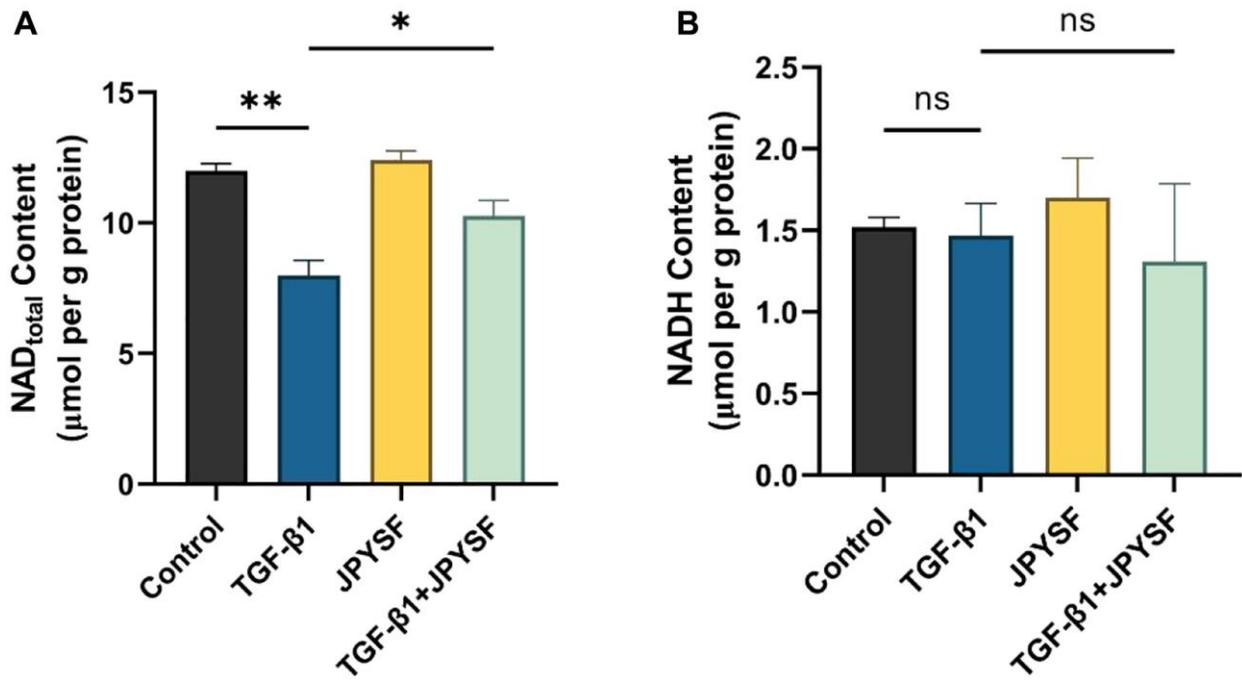
SUPPLEMENTARY FIGURES



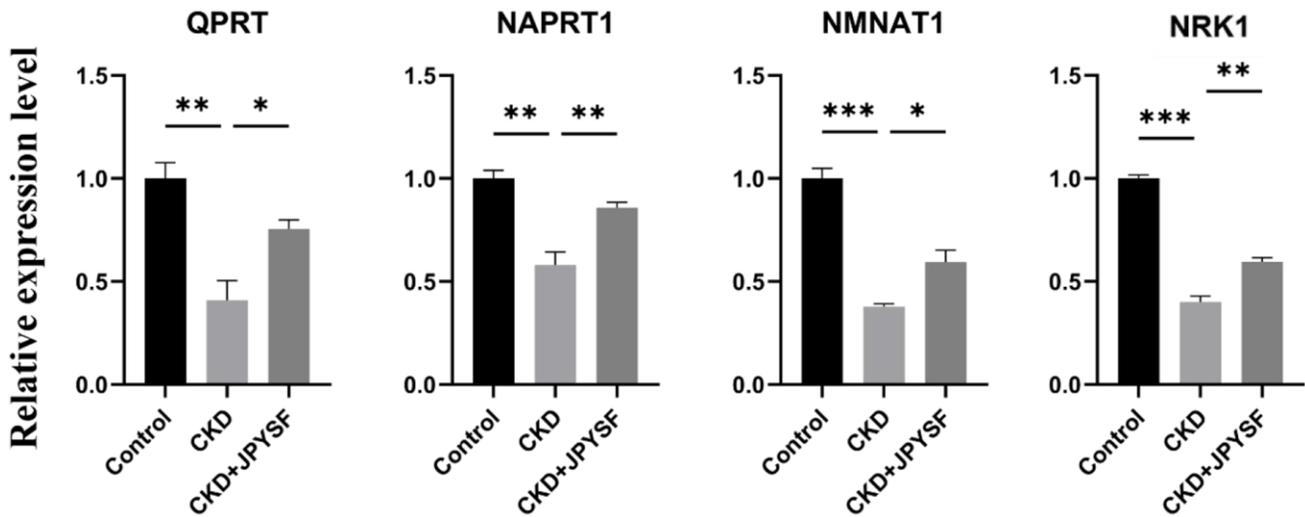
Supplementary Figure 1. NAD_{total} and NADH content in the kidney of normal mice and CKD mice with or without JPYSF treatment. (A) NAD_{total} content (n = 4). (B) NADH content (n = 4). Data are expressed as mean ± SEM (**p < 0.01, ***p < 0.001 between the indicated two groups).



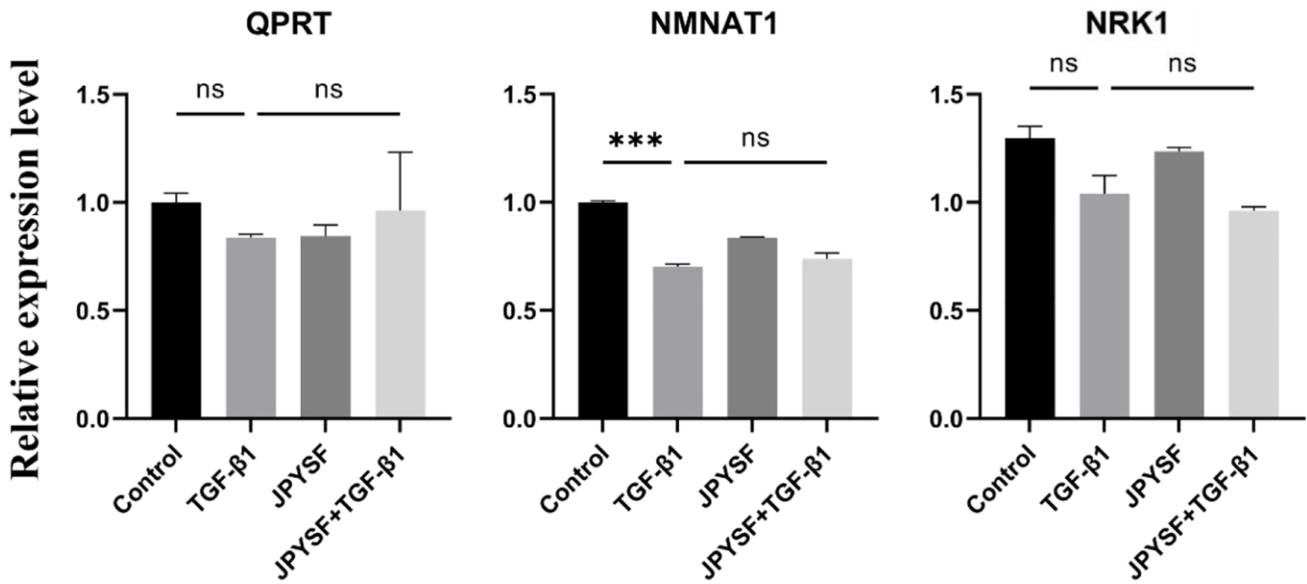
Supplementary Figure 2. NAD_{total} and NADH content in HK-2 cells stimulated with TGF-β1 at the concentrations of 0, 2, 5, and 10 ng/mL. (A) NAD_{total} content (n = 3). (B) NADH content (n = 3). Data are expressed as mean ± SEM (*p < 0.05 between the indicated two groups).



Supplementary Figure 3. NAD_{total} and NADH content in HK-2 cells with TGF-β1 or/and JPYSF stimulation. (A) NAD_{total} content ($n = 3$). (B) NADH content ($n = 3$). Data are expressed as mean \pm SEM ($^*p < 0.05$ between the indicated two groups).



Supplementary Figure 4. NAD⁺ biosynthesis-related enzymes in mouse kidney were analyzed by qPCR ($n = 3$). Data are expressed as mean \pm SEM ($^*p < 0.05$, $^{**}p < 0.01$, $^{***}p < 0.001$ between the indicated two groups).



Supplementary Figure 5. NAD⁺ biosynthesis-related enzymes in HK-2 cells with TGF-β1 or/and JPYSF stimulation were analyzed by qPCR ($n = 2\sim 3$). Data are expressed as mean \pm SEM (** $p < 0.001$ between the indicated two groups).