



Supplementary Fig. 2. DWN12088 decreases transforming growth factor β (TGF β)-induced profibrotic gene expressions by inhibiting Smad2/3 and glutamyl-prolyl-tRNA synthetase (EPRS)/signal transducer and activator of transcription 6 (STAT6) signaling cascades in alpha mouse liver 12 (AML12) cells. Cells were stimulated with indicated concentrations of DWN12088 (DWN) for 2 hours, followed by stimulation with 2 ng/mL TGF β for 24 hours. (A, B) Profibrotic gene expressions were confirmed by immunoblotting and real-time quantitative reverse transcription polymerase chain reaction. (C) Collagen I and fibronectin expressions were measured by immunofluorescence staining ($n=4$), and the fluorescence intensity was analyzed using ImageJ software (National Institutes of Health). (D) Phosphorylation and protein levels of profibrotic signal molecules were examined by immunoblotting ($n=3$). Statistical significance was calculated using one-way analysis of variance (ANOVA) (B, C, D) followed by the Holm-Sidak *post hoc* test. All data are displayed as the mean \pm standard deviation. Veh, vehicle; PBS, phosphate-buffered saline. ^a $P < 0.05$, ^b $P < 0.01$, ^c $P < 0.001$.