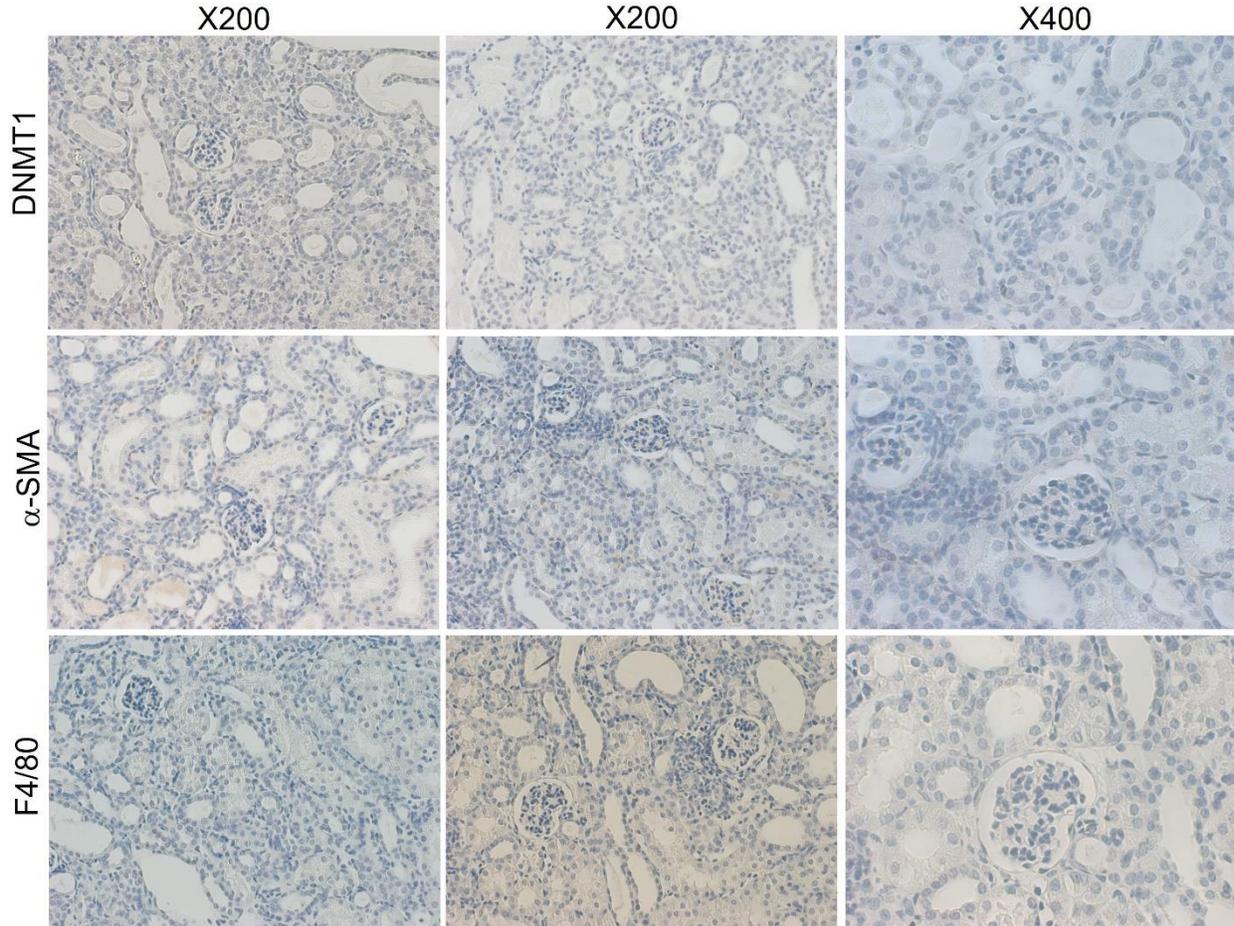


**Supplementary Figure S3.** The images of negative IHC



To include the negative control for Figure 1A (Dnmt1), we conducted IHC against U7C which showed the highest level of Dnmt1 expression, by skipping anti-Dnmt1 antibody incubation. Briefly, a section of U7C tissue were incubated in primary antibody incubating solution without anti-DNMT1 antibody. After washing in PBS, the section was incubated for 60 min with peroxidase-conjugated anti-rabbit IgG (Jackson ImmunoResearch Laboratories, West Grove, PA, USA) as a secondary antibody and then reacted with a mixture of 3,3'-diaminobenzidine (0.05%)-containing H<sub>2</sub>O<sub>2</sub> (0.01%) for the colour reaction. After counterstaining with haematoxylin, the section was photographed.

To include the negative control for Figure 3A ( $\alpha$ -SMA), we conducted IHC against U7C which showed the maximum level of  $\alpha$ -SMA protein, by skipping anti- $\alpha$ -SMA antibody incubation. Briefly, a section of U7C tissue were incubated in primary antibody incubating solution without anti- $\alpha$ -SMA antibody. After washing in PBS, the section was incubated for 60 min with peroxidase-conjugated anti-mouse IgG (Jackson ImmunoResearch Laboratories, West Grove, PA, USA) as a secondary antibody and then reacted with a mixture of 3,3'-diaminobenzidine (0.05%)-containing H<sub>2</sub>O<sub>2</sub> (0.01%) for the colour reaction. After counterstaining with haematoxylin, the section was photographed.

To include the negative control for Figure 4A (F4/80), we conducted IHC against U7C which showed the highest positivity, by skipping anti-F4/80 antibody incubation. Briefly, a section of U7C were incubated in

primary antibody incubating solution without anti-F4/80 antibody. After washing in PBS, the section was incubated for 60 min with peroxidase-conjugated anti-rat IgG (Jackson ImmunoResearch Laboratories, West Grove, PA, USA) as a secondary antibody and then reacted with a mixture of 3,3'-diaminobenzidine (0.05%)-containing H<sub>2</sub>O<sub>2</sub> (0.01%) for the colour reaction. After counterstaining with haematoxylin, the section was photographed