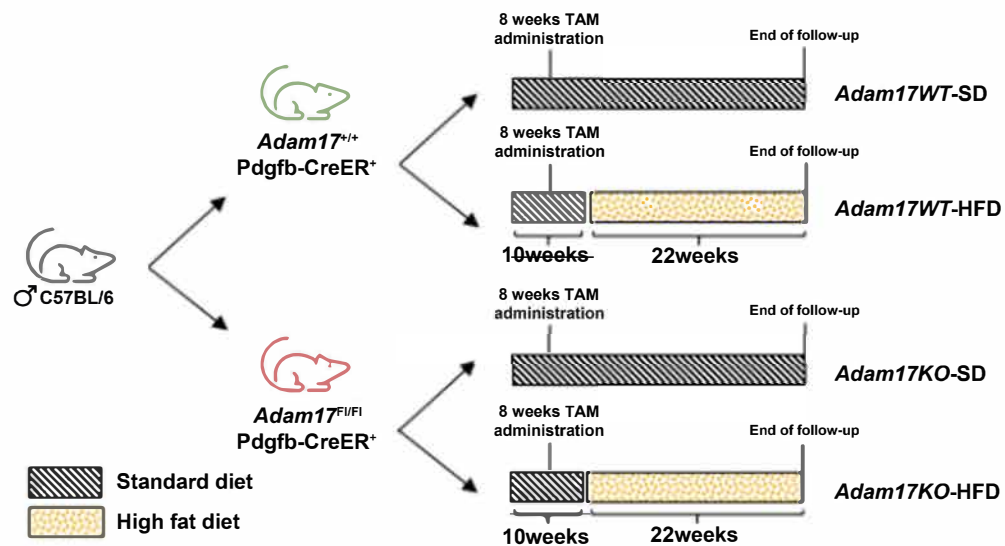


**Supplementary Figure S1:** Representative images of SGLT2 localization in the four studied groups. 100× magnification, scale bar 200 μm. Abbreviations: SD, standard diet; HFD, high fat diet; Adam17WT, wild-type; Adam17KO, knockout.



**Supplementary Figure S2:** Schematic representation of the experimental design. Male mice carrying wild-type *Adam17* gene or floxed *Adam17* gene were included in the study. All animals received Tamoxifen (TAM) to induce excision of the floxed region by recombination (CreER) under the control of *Pdgfb* promoter. Abbreviations: SD, standard diet; HFD, high fat diet; Adam17WT, wild-type; Adam17KO, knockout.