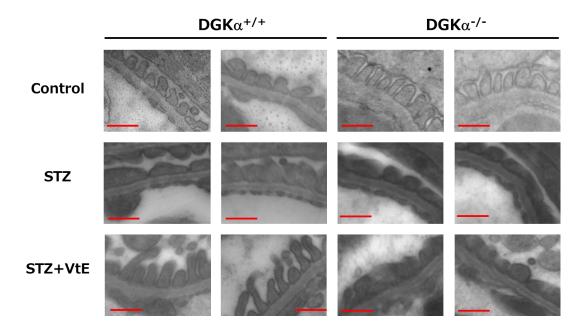
## Supplementary Information

Diacylglycerol Kinase alpha is Involved in the Vitamin E-Induced Amelioration of Diabetic Nephropathy in Mice

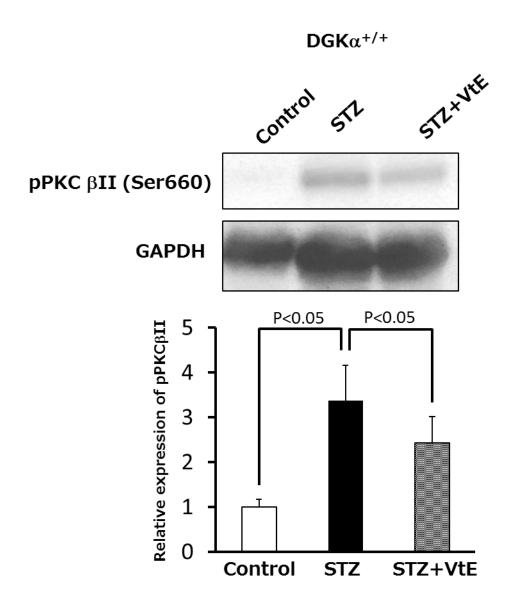
Daiki Hayashi<sup>1</sup>, Keiko Yagi<sup>2</sup>, Chihong Song<sup>3</sup>, Shuji Ueda<sup>1</sup>, Minoru Yamanoue<sup>1</sup>, Matthew Topham<sup>4</sup>, Toshinobu Suzaki<sup>3</sup>, Naoaki Saito<sup>5</sup>, Noriaki Emoto<sup>2</sup>, and Yasuhito Shirai<sup>1\*</sup>

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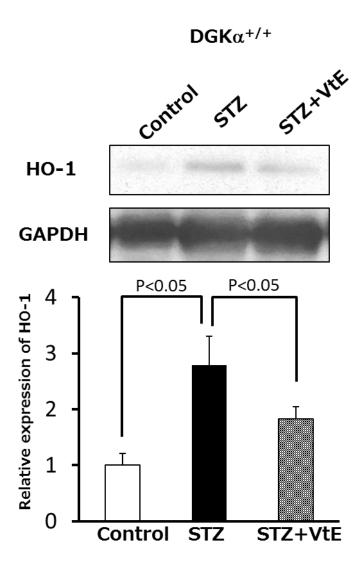
Supplementary Figure S1: Other images of Fig. 3A

Transmission electron microscopy (TEM) images of glomeruli from mice at 6 weeks after STZ administration. Red bars indicate 500 nm.



Supplementary Figure S2: VtE suppress phosphorylation of PKCBII

The expression of phosphorylated PKC $\beta$ II (Ser660) in kidney from DGK $\alpha^{+/+}$  mice at week 6 after STZ administration were measured by western blotting.



Supplementary Figure S3: VtE suppress the expression of HO-1

HO-1 expression in kidney from DGK $\alpha^{+/+}$  mice at week 6 after STZ administration were measured by western blotting.