

SUPPLEMENTARY INFORMATION FOR *“Endothelin receptor-specific control of endoplasmic reticulum stress and apoptosis in the kidney”* by Carmen De Miguel, William C. Hamrick, Janet L. Hobbs, David M. Pollock, Pamela K. Carmines, and Jennifer S. Pollock.

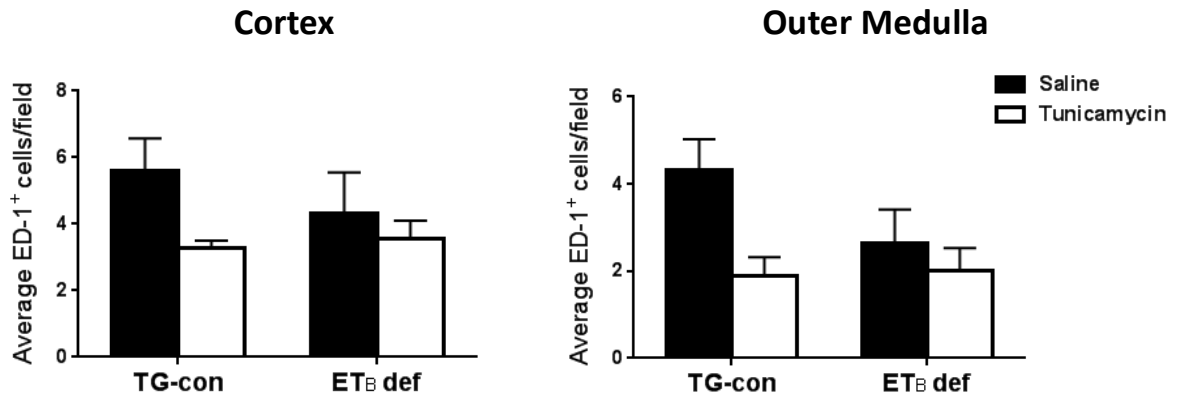
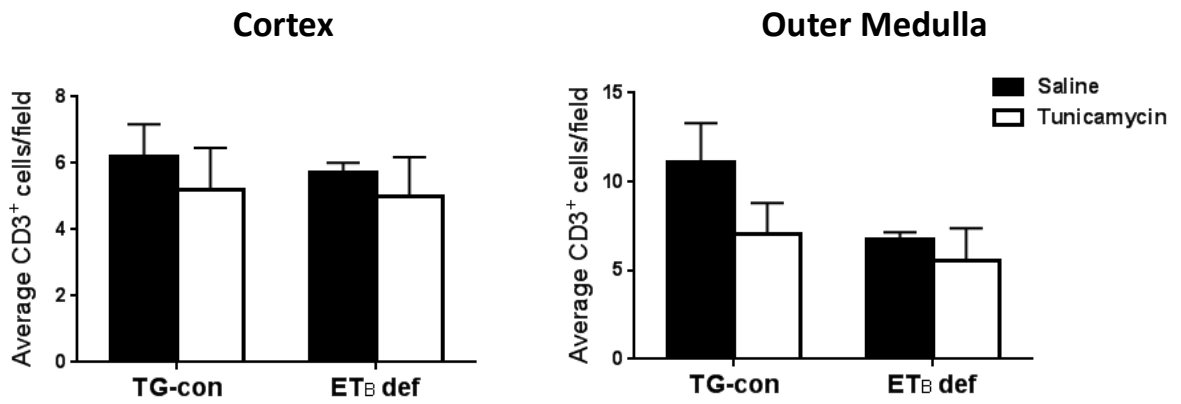
Supplementary Table 1. Sequence for ER stress primers used for RT-PCR.

Gene name	Sequence
GRP78	F: AAC CCA GAT GAG GCT GTA GCA ⁵⁶
	R: ACA TCA AGC AGA ACC AGG TCA C
ATF-4	F: TAT GGA TGG GTT GGT CAG TG ⁵⁷
	R: CTC ATC TGG CAT GGT TTC C
ATF-6	F: GAT TTG ATG CCT TGG GAG TC ⁵⁷
	R: GGA CCG AGG AGA AGA GAC AG
sXBP-1	F: CTG AGT CCG AAT CAG GTG CAG ⁵⁸
	R: GGT CTT GTA GAA GGG TAC CTA
CHOP	F: CCA GCA GAG GTC ACA AGC AC ⁵⁶
	R: CGC ACT GAC CAC TCT GTT TC
Caspase 12	F: CAC TGC TGA TAC AGA TGA GG ⁵⁶
	R: CCT TCC ATC CGT TCT CAC C

SUPPLEMENTARY FIGURE LEGENDS

Supplementary Figure 1. Treatment with tunicamycin does not alter renal infiltration of macrophages or T-lymphocytes. Average numbers of macrophages (ED-1⁺ cells; a) and T lymphocytes (CD3⁺ cells; b) present per field in renal cortex and outer medulla of TG-con and ETB def rats treated with saline or tunicamycin ($n = 5/$ group). Statistical significance was tested by two-way ANOVA.

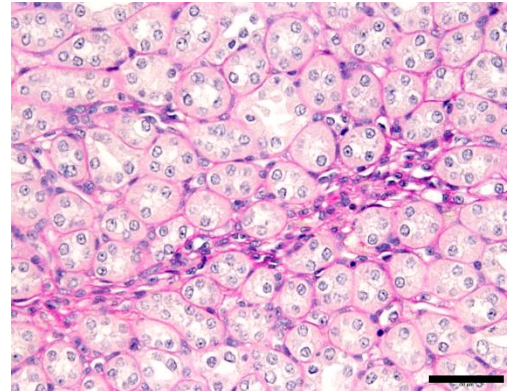
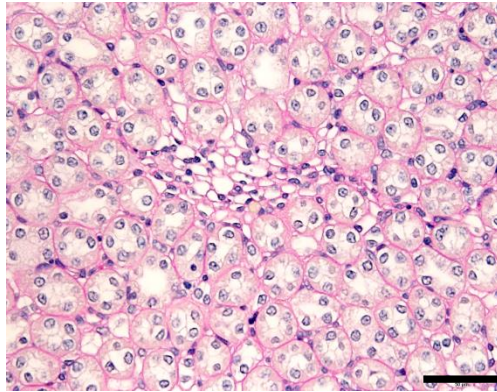
Supplementary Figure 2. Treatment with tunicamycin leads to thickening of the outer medullary vasa recta in both experimental genotypes, as demonstrated by periodic acid Schiff (PAS) staining. Bar = 50 μ m. 0 and 1 correspond to absence or presence of thickening, respectively. Statistical significance was tested by two-way ANOVA ($n = 5/$ group).

a**b**

Saline

Tunicamycin

TG-con



ET_B def

