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**S1 Fig. Gene targeting of *Adrm1*.**

(A) Schematic representation of the targeting vector and the targeted allele of the *Adrm1* (*Rpn13*) gene. Exons 1 to 9 are shown as solid rectangles. The probe for Southern blot analysis is shown as a gray box. The positions of PCR primers are depicted as arrows. Neo, neomycin-resistant cassette; DTA, diphtheria toxin gene. (B) Southern blot analysis of genomic DNAs extracted from mouse tails. WT and Flox alleles were detected as 14-kb and 8-kb bands, respectively.