

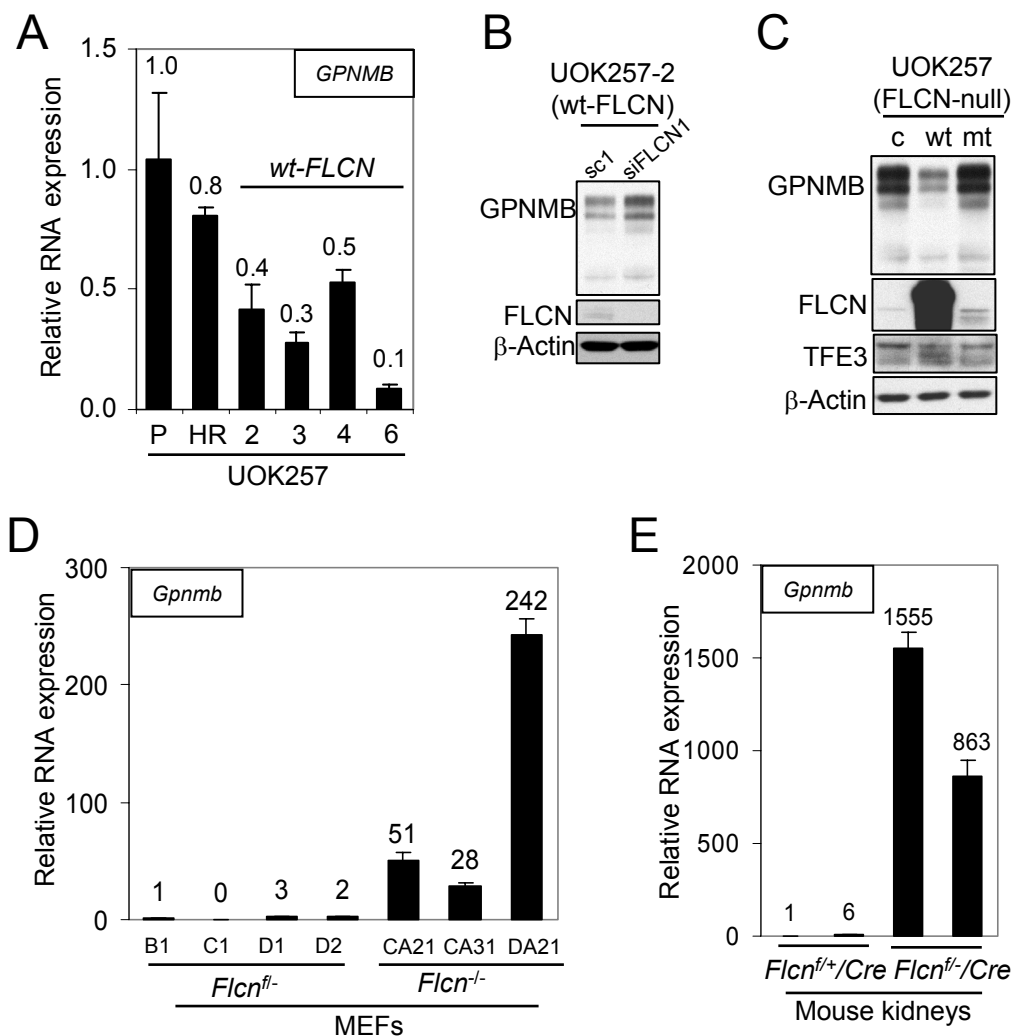


Figure S1. FLCN expression is inversely correlated with *GPNMB* mRNA expression.

(A) Quantitative RT-PCR of *GPNMB* expression in the UOK257 cells expressing either wildtype or mutant FLCN. P, parental; HR, H255R. (B) FLCN knockdown induced *GPNMB* protein expression. (C) Adenovirus-mediated wild-type FLCN but not mutant FLCN (c.1285dupC) expression suppressed *GPNMB* protein expression. (D) *Gpnmb* mRNA expressions in *Flcn* heterozygous (B1, C1, D1 and D2) and *Flcn*-null (CA21, CA31 and DA21) MEFs. *f*, floxed allele; -, deleted allele. (E) *Gpnmb* mRNA expressions in the kidneys with *Flcn* inactivation by kidney specific Cre recombinase (Ksp-Cre) transgene expression.