

Supplementary Materials: Effects of Tissue Pressure on Transgene Expression Characteristics via Renal Local Administration Routes from Ureter or Renal Artery in the Rat Kidney

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Figure S1. Pressure controlling device for rats.

Table S1. Quantitative colocalization analysis of ZsGreen1 with DiI stained area. (a) The mean weighted colocalization coefficients of ZsGreen1 of five z-stacks per group were analyzed using LSM710 software (Carl Zeiss Microimaging GmbH, Jena, Germany). (b) The ratio of ZsGreen1 area relative to DiI stained area was calculated as ZsGreen1 area ($\mu\text{m} \times \mu\text{m}$) / DiI stained area ($\mu\text{m} \times \mu\text{m}$) (%) of ZsGreen1 and colocalized ZsGreen1.

(a)

The mean weighted Colocalization Coefficients (%)

Renal arterial injection		Ureteral injection	
Cortex	Medulla	Cortex	Medulla
36.10 ± 15.84	14.14 ± 13.28	30.70 ± 19.33	16.72 ± 6.64

(b)

ZsGreen1 area /DiI stained area (%)

	Renal arterial injection		Ureteral injection	
	Cortex	Medulla	Cortex	Medulla
ZsGreen1	4.02 ± 2.43	0.27 ± 0.26	1.30 ± 0.53	4.35 ± 2.06
Colocalized ZsGreen1	0.91 ± 0.36	0.80 ± 0.45	0.49 ± 0.27	0.86 ± 0.40