Figure S1. Effect of unilateral nephrectomy on engraftment of kidney organoids below the kidney capsules. Kidney organoids (cultured in 96-well, round bottom, ultra-low attachment plates in the 3-D culture stage; the induction method for the first 7 days was the same as the original one) derived from human pluripotent stem cells were transplanted into the kidney capsule of mice. Experimental group: Unilateral nephrectomy performed on mice. Control group: Unilateral nephrectomy was not performed on mice. There were six mice in each group. (A) A total of 2 weeks later after transplantation, the kidney organoids were removed and imaged. (B) Statistical results showed that the volume of kidney organoids in the experimental group was 23.89±6.39 mm^3 and the volume of kidney organoids in the control group was 8.94±2.25 mm^3. There was a significant difference between the two groups. Data are presented as the mean ± SD. P-values were calculated using an independent t-test. $^{**}P<0.01$.