**Table S2.** Significantly over-represented KEGG pathways in renal pathology.

|  |  |  |
| --- | --- | --- |
| KEGG term | Signaling pathway | False discovery rate |
| mmu04310 | Wnt signaling pathway | 5.8×10−5 |
| mmu04115 | p53 signaling pathway | 7.6×10−5 |
| mmu04350 | TGF-β signaling pathway | 1.0×10−4 |
| mmu04630 | Jak-STAT signaling pathway | 4.7×10−3 |
| mmu04010 | MAPK signaling pathway | 9.4×10−3 |
| mmu04210 | Apoptosis | 1.2×10−2 |
| mmu04012 | ErbB signaling pathway | 1.2×10−2 |
| mmu04110 | Cell cycle | 1.3×10−2 |
| mmu04620 | Toll-like receptor signaling pathway | 1.6×10−2 |
| mmu04370 | VEGF signaling pathway | 4.2×10−2 |