

Figure S1. Intraindividual changes in urinary cytokines in patients with ccRCC before and after surgery. Individual dot plot shows the urinary cytokines whose levels changed significantly in the majority of patients with ccRCC after tumor removal. Day 0 corresponds to the preoperative urine of patients, while day 3 corresponds to the urine of patients collected on the 3rd day after removal of the tumor. \* $P \leq 0.05$  and \*\* $P \leq 0.01$  (paired t-test). ccRCC, clear cell renal cell carcinoma; PDGF-BB, platelet-derived growth factor-BB.

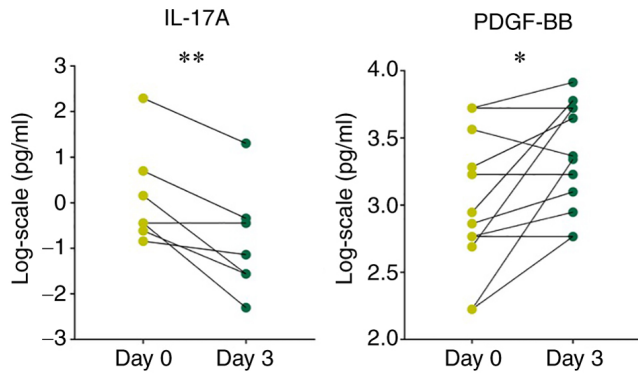


Figure S2. Urinary CCL2 levels in patients with ccRCC before and at different time intervals after surgery. The stacked bar chart shows the levels of CCL2 in urine samples collected from patients with ccRCC at different time intervals: Prior to surgery, on the 3rd day after surgery and on average 10 months after the tumor was removed compared with controls. \* $P \leq 0.05$ , \*\* $P \leq 0.01$  and \*\*\* $P \leq 0.001$  for patients versus controls. ccRCC, clear cell renal cell carcinoma; CCL, chemokine (C-C motif) ligand.

