

Table SI. Primers used in the present study.

Gene	Primer	Primer sequence (5'-3')
IgG heavy chain variable region	Sense primer pool (VH1-VH6)	Primer sequence provided in a previous study (22)
IgG heavy chain constant region	Antisense primer (IGHGc-R1)	GAGTCCTGAGGACTGTAGGACAG
IgG variable region (2nd PCR)	Internal sense primer (VH-FR2)	TGGRTCCGVCAGSCYCCNGG
	Internal antisense primer (JH)	AACTGCAGAGGAGACGGTGACC
PTEC-specific marker gene	External sense primer (LRP2)	GGAGGTGCAGACCTAAAGGAG
	External antisense primer (LRP2)	CACAACAGCGCAGCCAAT
	Internal sense primer (LRP2)	GTGCAGACCTAAAGGAGCGTT
	Internal antisense primer (LRP2)	ATGCAATGCCCACTTCCACA
B-cell marker gene	External sense primer (CD19)	GAGGGAGATAGGCACGGATGG
	External antisense primer (CD19)	AACATTGCTCCAGAGGTTGGC
	Internal sense primer (CD19)	GTGGCTACTGGCTTTCAGG
	Internal antisense primer (CD19)	CAGGTGTGAATCTTGGGGACTT

IgG, immunoglobulin G; PTEC, proximal tubular epithelial cell.

Table SII. Thermocycling conditions used for PCR.

Gene	Initial denaturation	Denaturation	Annealing	Extension	Cycles	Extension
IgC γ	95°C, 5 min	95°C, 30 sec	56°C, 30 sec	72°C, 30 sec	35	72°C, 10 min
IgC γ 4	95°C, 5 min	95°C, 30 sec	60°C, 30 sec	72°C, 30 sec	35	72°C, 10 min
IgC κ	95°C, 5 min	95°C, 30 sec	62°C, 30 sec	72°C, 30 sec	35	72°C, 10 min
IgC λ	95°C, 5 min	95°C, 30 sec	56°C, 30 sec	72°C, 30 sec	35	72°C, 10 min
AID	95°C, 5 min	95°C, 30 sec	60°C, 30 sec	72°C, 30 sec	35	72°C, 10 min
LRP2	95°C, 5 min	95°C, 30 sec	60°C, 30 sec	72°C, 30 sec	35	72°C, 10 min
CD19	95°C, 5 min	95°C, 30 sec	60°C, 30 sec	72°C, 30 sec	35	72°C, 10 min
RAG1/2	95°C, 5 min	95°C, 30 sec	56°C, 30 sec	72°C, 30 sec	16	
		95°C, 30 sec	54°C, 30 sec	72°C, 30 sec	18	72°C, 10 min
IgV γ	95°C, 5 min	95°C, 30 sec	60°C, 30 sec	72°C, 30 sec	3	
		95°C, 30 sec	58°C, 30 sec	72°C, 30 sec	3	
		95°C, 30 sec	56°C, 30 sec	72°C, 30 sec	3	
		95°C, 30 sec	54°C, 30 sec	72°C, 30 sec	3	
		95°C, 30 sec	52°C, 30 sec	72°C, 30 sec	3	
		95°C, 30 sec	50°C, 30 sec	72°C, 30 sec	3	
		95°C, 30 sec	48°C, 30 sec	72°C, 30 sec	20	72°C, 10 min

IgC, constant region; IgV, variable region.