Table S1. Demographic and clinical characteristics (Mean ± SD) in gout group with kidney stones (S) (*n* = 241) and gout group without kidney stones (G) (*n* = 159)

Parameter	G (*n* = 241)	S (*n* = 159)	P
Age (year)	51.15 ± 13.68	54.21 ± 12.56	0.022
Body mass index (kg/m^2)	25.92 ± 3.06	26.23 ± 2.88	0.299
Waist to Hip ratio	0.92 ± 0.06	0.92 ± 0.05	0.516
Systolic pressure (mmHg)	134.03 ± 16.92	134.67 ± 16.16	0.702
Diastolic pressure (mmHg)	84.52 ± 10.50	85.92 ± 10.37	0.189
Blood glucose (mmol/l)	5.47 ± 1.50	5.40 ± 1.32	0.650
Uric acid (umol/l)	471.47 ± 113.70	486.69 ± 99.21	0.158
Total cholesterol (mmol/ll)	5.03 ± 1.05	5.11 ± 1.02	0.443
Triglycerides (mmol/l)	2.46 ± 2.13	2.29 ± 1.70	0.376
Creatinine (umol/l)	91.77 ± 31.31	94.42 ± 27.41	0.372
Urea nitrogen (mmol/l)	5.52 ± 1.99	5.81 ± 2.05	0.156

Data are represented as the mean-standard deviation.

Table S2. Genotype distribution and relative allele frequencies of rs12129861 and rs1967017 polymorphismof *PDZK1* gene in Chinese in gout group with kidney stones (S) (*n* = 241) and gout group without kid-neystones (G) (*n* = 159)

SNP		Distribution, n (%)			OR 95% CI	*P* value
rs12129861	Genotype	A/A	A/G	G/G		
	S	4(2.5)	33 (20.8)	122 (76.7)		0.348
	G	8 (3.3)	64 (26.6)	169 (70.1)		
	Allele	A	G	A vs G		
	S	41 (12.9)	277 (87.1)	0.744	0.495~1.117	0.152
	G	80 (16.6)	402 (83.4)			
rs1967017	Genotype	C/C	C/T	T/T		
	S	2 (1.3)	26 (16.4)	131 (82.4)		0.341
	G	5 (2.1)	52 (21.6)	184 (76.3)		
	Allele	C	T	C vs T		
	S	30 (9.4)	288 (90.6)	0.706	0.445~1.119	0.137
	G	62 (12.9)	420 (87.1)			

OR, odds ratio; SNP, single nucleotide polymorphism; CI, confidence interval.

Table S3. Association of two-marker rs12129861-rs1967017 haplotypes with gout group with kidney stones (S) and gout group without kidney stones (G)

Haplotype	Frequency		OR (95% CI)	*P* Value
	S	G		
A-C	26.87 (8.5)	58.87 (12.2)	0.666 [0.412~1.076]	0.095
A-T	14.13 (4.4)	21.13 (4.4)	1.017 [0.511~2.026]	0.961
G-T	273.87 (86.1)	398.87 (82.8)	1.340 [0.892~2.012]	0.158