



Figure S1 A common SNP (rs199685642) with a homozygous alternative-allele genotype (AA) was found in the panel and Sanger sequencing at one locus (*PKD1* c.1138C>T, p.R380C).

a: chr16-2167855, *PKD1* c.1138C>T, p.R380C

b: SNP (rs199685642) was identified as a homozygous mutation by NGS and Sanger sequencing. The black curve under the green peak was regarded as noise.