**Supplementary file 1**

**Table S1. The sequences used in gene knockdown and mutation.**

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| Genes | Sequences (5’-3’) |
| *Map3k7* siRNA | GGAGTTGTTTGCAAAGCTA |
| *Plce1* siRNA-1 | GGACTTCAATATCGCAGTA |
| *Plce1* siRNA-2 | GTCGAAGTGTAGAATTGGA |
| *Plce1* siRNA-3 | CAATCATCATATCGATTGA |
| *Map3k7* gRNA | F: ccgAGGGGCTTCGATCATCTCAC |
| R: aacGTGAGATGATCGAAGCCCCT |
| *Plce1* (S1060A) | F: TGGAGTGCTCGAAACCCCGCACCCGGAACATCAGCAAA |
| R: GGGGTTTCGAGCACTCCACCGTCTGCCACCAAACAA |

F: forward; R: reverse.