**Supplementary table 1.** Sequences of siRNA

|  |  |  |
| --- | --- | --- |
| **Gene** | **Sense ( 5’-3’)** | **Antisense ( 5’-3’)** |
| Si-PCK1#1 | CUCUGUCAAAGAUCGGCAUTT | AUGCCGAUCUUUGACAGAGTT |
| Si-PCK1#2 | GGAUGAAGUUUGACGCACATT | UGUGCGUCAAACUUCAUCCTT |
| Si-PCK1#3 | CAAAGAAUAAGCCAGAUGUTT | ACAUCUGGCUUAUUCUUUGTT |

**Supplementary table 2.** Sequences of qPCR primers

|  |  |  |
| --- | --- | --- |
| **Gene** | **Forward Primer** | **Reverse Primer** |
| PCK1 | GGAAGCCTGGACAGCCTACC | TCCTCAGAGCCGTCACAGATG |
| GAPDH | CATGTTCGTCATGGGGTGAACCA | AGTGATGGCATGGACTGTGGTCAT |