**Supplemental Table 1**

Oligonucleotides used in this study

|  |  |  |
| --- | --- | --- |
| Designation | Forward 5’-3’ | Reverse 3’-5’ |
| [Cloning] |  |  |
| DES-K16 | TTAAACATTAAACATGAAGT | GGCCTGGTTCTCTGAACTGC |
| [Guide RNA] |  |  |
| DES-K16 Start | CACCAATAAAATAAAGCTTGTTGA | AAACTCAACAAGCTTTATTTTATT |
| DES-K16 End | CACCAGTCTGTGAACTATTGGAGA | AAACTCTCCAATAGTTCACAGACT |
| [Genotyping] |  |  |
| P1 | ACCTCTCTAGCAATCCCCGA |  |
| P2 |  | AGTCACACAAGCTGTGCAGT |
| [qRT-PCR] |  |  |
| *Yipf5* | AGCCAACTCAGGCCTATCCT | GGGGTGTAGCACCGTTAGTG |
| *Kctd16* | CCGAGAGCACCAATCTCTTGA | AAACCACAGCCACACACTGA |
| *Prelid2* | CCGAAAGTATCCCAATCCAA | TCTCTGGAACCACATTCTGACA |
| *Sh3rf2* | CCCAGTGTCAGGATCCACAT | GGAGGATGACATCGCCTTTA |
| *Gapdh* | TGCACCACCAACTGCTTAGC | GGCATGGACTGTGGTCATGAG |