PTKO2_II	GGTACCCTCGAGGATATCTACGAATTCATAACTTCG TATAGCATACATTATACGAAGTTATAGATCTGTTTA AACGCGATCGCGGTCCGAGGCCTGACTACGACGAAA GTGATGCGCAGGCTGGAAAGCCGCTGAAGGGAGAAG TCTACAAAGCCGATCAGTGAAAAATGTGTGGGGAGG TGGTCTTGTTGCAGGAATGCAATGGTGTTAAGCATC GTGTTCGAATGCAGTGCGTGTATCAGTTGTGCGCGG AAGGACACTGCTTCAATGTTAAGAACCTGTTTTCTC CGTAGAGAGGACCAAAAGACGATTGCAAAACTGGTA TGTACGCAATAGCCCAATGCCGGACGTCAGTTGGTT GTATGTGACGCTCCCAGATGTCATATGCCTTGTGAG TGTGTCTGGGATGCAAGTTTTTGGTGTGCGTTGATT TCGCCAGCTTATGACAGTGGCAGACGAATTATTGAC ATGATACAAGGACGCAGAAAGGAACAAACACCGTAG TTCCAGTCGACACTAGT
PTKO2_II_3'UTR	HK180 ATCGgctagcACGATGTCAGTTTTTTCTGCGAGC HK181 ATCGgggcccCCCATTTTCTAATTTCAGAATACG
PTKO2_II_TgMORN1_5_3'UTR.	HK182 ACTGggtaccGACCGAGCTTGAGATGAACTTATTG HK 183 ACTGgaattcGTAAGGAAAAACGGGGAATGAAGTG
LoxP-TgMORN1-HXGPRT-LoxP	HK191 ATGCagatctCGTTGTCCACCATGGAGAGCTGCCA CGCGTACCACGGAC (Underlined: Kozak sequence) HK193 ACTGaggcctTTACAAGTCGACATTGAGCCATGG
ptub-Cre-GFP	HK223 ATCGgctagcAAAATGGCCAATTTACTGACCGTACAC HK224 ATCGcttaagTTACTTGTACAGCTCGTCCATGCC

Table S1. Sequences of the 521 bp DNA fragment and primers used for PCR amplification for constructing the plasmids listed in the left column. For primers, restriction sites are shown in lower case.