

Gene	Primer sequence	Predicted band size (in bp)
Atg5 WT	Forward: 5'- GAATATGAAGGCACACCCCTGAAATG -3'; Reverse: 5'- GTACTGCATAATGGTTTAACTCTTGC -3'	350
Atg5 flox	Forward: 5'- ACAACGTCGAGCACAGCTGCGCAAGG -3'; Reverse: 5'- GTACTGCATAATGGTTTAACTCTTGC -3'	700
Atg5 deleted	Forward: 5'-CAGGGAATGGTGTCTCCCAC-3'; Reverse: 5'- GTACTGCATAATGGTTTAACTCTTGC -3'	320
Cre Internal CT	Forward: 5'-CTA GGC CAC AGA ATT GAA AGA TCT-3' Reverse: 5'-GTA GGT GGA AAT TCT AGC ATC ATC C-3'	324
Cre	Forward: 5'-GCG GTC TGG CAG TAA AAA CTA TC-3' Reverse: 5'-GTG AAA CAG CAT TGC TGT CAC TT-3'	100

Table 1 Sequences of primers used for genotyping mice