Supplementary File 2. The primer sequences of mouse genotype

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| Mouse Genotype | Primer sequence |
| *Col2a1-CreER*Mut (200 bt) | Forward | 5'-ATTGCTGTCACTTGGTCGTGGC-3' |
| Reverse | 5'-GAAAATGCTTCTGTCCGTTTGC-3' |
| *Sp7-CreER*Mut (420 bp) | Forward | 5'-CTGGTCTGGACACAGTGCCCG-3' |
| Reverse | 5'-TGCCAGGTTGGTCAGTAAGCC-3' |
| *Rosa26-LSL-tdTomato*Mut (196 bp) | Forward | 5'-GGCATTAAAGCAGCGTATCC-3' |
| Reverse | 5'-CTGTTCCTGTACGGCATGG-3' |
| *Rosa26-LSL-tdTomato*Wt (297 bp) | Forward | 5'-AAGGGAGCTGCAGTGGAGTA-3' |
| Reverse | 5'-CCGAAAATCTGTGGGAAGTC-3' |
| *Ctnnb1*flox/floxMut (324 bp) | Forward | 5'-AAGGTAGAGTGATGAAAGTTGTT-3' |
| Reverse | 5'-CACCATGTCCTCTGTCTATTC-3' |