

**Primer sequences used for PCR and qPCR in the study by Zhang et al**

|      | <b>Gene</b>             | <b>Forward (5'-3')</b>          | <b>Reverse (5'-3')</b>          |
|------|-------------------------|---------------------------------|---------------------------------|
| PCR  | T-antigen               | GGA CAA CCA CAA CTA GAA TGC AG  | CAG AGC AGA ATT GTG GAG TGG     |
|      | PF4-Cre                 | CCA AGT CCT ACT GTT TCT CAC TC  | TGC ACA GTC AGC AGG TT          |
|      | PF4-Cre*                | CCC ATA CAG CAC ACC TTT TG      | TGC ACA GTC AGC AGG TT          |
|      | PDGFB                   | GGG TGG GAC TTT GGT GTA GAG AAG | GGA ACG GAT TTT GGA GGT AGT GTC |
| qPCR | $\beta$ 2-microglobulin | TTC TGG TGC TTG TCT CAC TGA     | CAG TAT GTT CGG CTT CCC ATT C   |
|      | PDGFB                   | GGA GTC GGC ATG AAT CGC T       | GCC CCA TCT TCA TCT ACG GA      |
|      | Hif1 $\alpha$           | CTC CCT TTT TCA AGC AGC AG      | GCA TGC TAA ATC GGA GGG TA      |
|      | T-antigen               | GGA AAG TCC TTG GGG TCT TC      | CTG ACT TTG GAG GCT TCT GG      |
|      | Insulin                 | TGG CTT CTT CTA CAC CCA T       | CTC CAG TGC CAA GGT CTG AA      |

\* Used for genotyping in the lab of Kari Alitalo, Helsinki