

Ngn2\_loxp\_del-F: caccccaacttgtttattgcagctt Ngn2\_loxp\_del-R: aaacaaccgaggaatcagaaaggct

SUPPLEMENTARY FIG. S2. Successful excision of the floxed neo cassette in clones that are validated by Southern blot analysis. The floxed neo cassette was removed by transient transfection of a Cre construct as detected by polymerase chain reaction (PCR). Clones with neo cassette yield a PCR product of 2075 bp, while clones without neo cassette have a PCR product of 395 bp. Results from two reprehensive clones CAN60 and CAN127 are shown.