**Supplementary File 1**

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|  | Forward(5'-3') | Reverse(5'-3') |
| *Rosa26eYFP/+* KI | AAAGTCGCTCTGAGTTGTTAT | AAGACCGCGAAGACTTTGTC |
| *Rosa26eYFP/+* WT | AAAGTCGCTCTGAGTTGTTAT | GGAGCGGGAGAAATGGATATG |
| *Rosa26tdTomato* KI | GGCATTAAAGCATATCC | CTGTTCCTGTACGGCATGG |
| *Rosa26tdTomato* WT | AAGGGAGCTGCAGTGGAGTA | CCGAAAATCTGTGGGAAGTC |
| Cre | ACATGTTCAGGGATCGCCAG | TAACCAGTGAAACAGCATTGC |
| *Prox1-flox* | CAGCCCTTTTGTTCTGTTGGCCAG | GCAGATGCTGTCCCTACCGTCC |