**Additional file 20: Table S1. A list of the primers used for genotyping.**

|  |  |  |
| --- | --- | --- |
| **Allele** | **Primer name** | **Primer sequence** |
| **Rosa floxed (Nanos3 mouse)**  | G1 | 5’-TAGGTAGGGGATCGGGACTCT-3’ |
| G2 | 5’-GCGAAGAGTTTGTCCTCAACC-3’ |
| **Cre** | Cre\_F | 5'-TGCCACGACCAAGTGACAGCAATG-3' |
| Cre\_R | 5'-AGAGACGGAAATCCATCGCTCG-3' |
| **Nanos3-IRES-eGFP** | Nanos3\_F | 5'-AAGGATCAGAAGCGCAGCCT-3' |
| Nanos3\_R | 5'-GGGCGGAATTCGATATCAAG-3' |
| **Rosa** | Rosa\_F | 5'-AAAGTCGCTCTGAGTTGTTAT-3' |
| Rosa\_R1 | 5'-GGAGCGGGAGAAATGGATATG-3' |
| Rosa\_R2 | 5'-GCGAAGAGTTTGTCCTCAACC-3' |
| **Nanos3 deletion** | Nanosdel\_F | 5'-GGCGCAGTAGTCCAGGGTTTCCTTG-3' |
| Nanosdel\_R1 | 5'-AGCCGGTTGGCGCTACCGGT-3' |
| Nanosdel\_R2 | 5'-GCCGTTGTGTTTGCAGAAAGAGCA-3' |
| **LSL-KRasG12D** | KRas\_F | 5'-ATGTCTTTCCCCAGCACAGT-3' |
| KRas\_R1 | 5'-TCCGAATTCAGTGACTACAGATG-3' |
| KRas\_R2 | 5'-CTAGCCACCATGGCTTGAGT-3' |
| **CCSP-rtTA** | CCSP-rtTA\_F | 5'-AAAATCTTGCCAGCTTTCCCC-3' |
| CCSP-rtTA\_R | 5'-ACTGCCCATTGCCCAAACAC-3' |
| **p53** | p53\_F | 5'-AAGGGGTATGAGGGACAAGG-3' |
| p53\_R | 5'-GAAGACAGAAAAGGGGAGGG-3' |