

Supplementary Table 2. Primer list**For human (5'- 3'):**

| Primer Name | Primer Sequence |
|-------------|--------------------------|
| DLX3-F | CCCCTCGGCCAATAAGACAG |
| DLX3-R | GTTTGGCACCAAAACTGCCA |
| p21-F | ATGAAATTCACCCCCTTTCC |
| p21-R | CCCTAGGCTGTGCTCACTTC |
| b-ACTIN-F | TGGATGATGATATCGCCGCGCTCG |
| b-ACTIN-R | CACATAGGAATCCTTCTGACCCA |

For mouse (5'- 3'):

| Primer Name | Primer Sequence |
|-------------|-----------------------------------|
| Dlx3 F | ATTACAGCGCTCCTCAGCAT |
| Dlx3 R | CTTCCGGCTCCTCTTTCAC |
| c-Fos F | CGGGTTTCAACGCCGACTA |
| c-Fos R | TTGGCACTAGAGACGGACAGA |
| Trp53 F | GTTCAAGGTCATCCTTCCCTG |
| Trp53 R | ACCATCGCTTTCGCACCT |
| p21 F | GTGGCCTTGTCGCTGTCTT |
| p21 R | GCGCTTGGAGTGATAGAAATCTG |
| Ccne1 F | GCTTCGGGTCTGAGTTCCAA |
| Ccne1 R | GCTGACTGCTATCCTCGCTT |
| Flg F | GAAACAGAAGACCCAGAGCAGACTCCCAGAAGG |
| Flg R | GACTGTCCTCTTCTCCTGATCCCGATCTTGC |
| Lor F | GTTGCAACGGAGACAACAGAGCTGGAAGAGTT |
| Lor R | TGACTGAGGAGACACTAGAATTGGGAGGTAGTC |