**Supporting information**

Table S1. Primer sequences for real-time PCR analysis.

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| Gene | accession number [ref] | sequence (5’ to 3’) |
| *actb1* | NM\_131031.1 | CTCCATCATGAAGTGCGACGT |
|  | [16] | CAGACGGAGTATTTGCGCTCA |
| *adar1* | NM\_131596.1 | TGATAAGATCCTGCGCTGGAA |
|  |  | TTGGACAATCGGCAGCACA |
| *adar2* | NM\_131610 | TATATCAGCACGTCGCCCTGT |
|  |  | TTGGTTCGTAGTTGTCCACGG |
| *gria1α* | XM\_005157305 | CAGCGCAAACCCTGCGACA |
|  | [16] | CATGGCCAGACCCAGACC |
| *gria2α* | XM\_005170897 | TCGAAAGTGCTGAAGAACTGG |
|  | [16] | CGCTCTTCATGTACTGCCACA |
| *ccng1* | XM\_005173092.1 | TGTTCATTTGGATCGGTGCA |
|  |  | TCAAAACCCTTCTCCCTCCTC |
| *neuroD* | NM\_130978.1 | CAGACTGCACCAGTCCTCATTT |
|  |  | TCGAATTCCGAAGAAGGCTCGT |
| *neurog1* | NM\_131041.1 | GCACAACCTTAACGACGCATT |
|  |  | CCCAGATGTAGTTGTGAGCGAA |
| *mdm2* | XM\_005164845.1 | CCGACAGCTTTCCCTGACAT |
|  |  | CCGAGTTGCTGTTTGCATCC |
| 3'-*p53* | XM\_005165103.1 | ATGAGGAGATCTTTACCCTGCAG |
|  |  | TGAGGCAGGCACCACATC |
| *Δ113p53* | XM\_005165103.1 | ATATCCTGGCGAACATTTGGAG |
|  | [21] | CAACGTCCACCACCATTTGA |
| *sox9a* | NM\_131643.1 | AGTACCCGCACCTCCACAAC |
|  |  | CACGAAGGGACGCTTTTCC |
| *sox9b* | NM\_131644.1 | ACTCTGGAGACTGCTGAACGA |
|  | TGAGCCGCTCTTCACTGATT |