| Gene          | GenBank accession | Primers (5’ to 3’)                     | Expected size (bp) |
|--------------|-------------------|----------------------------------------|--------------------|
| RT-PCR       |                   |                                        |                    |
| beta-actin   | NM_007393         | GCCAACCGTGAAAAAGATGAC                  | 556                |
| Dpy19l1      | NM_172920         | TGCATCATTTTGGCCGTGT                    | 1234               |
| Dpy19l2      | NM_001166207      | CAACACGGTGTTGCAGCAT                    | 1012               |
| Dpy19l3      | NM_178704         | ATGGGTTTCTGCCAGTGCT                    | 934                |
| Dpy19l4      | NM_001081201      | CCCGAACCTTTGGATGACACT                  | 906                |
| qPCR          |                   |                                        |                    |
| beta-actin   | NM_007393         | GACAGGATGCAAGAGGA                      | 142                |
| Neurod6 (Nex)| NM_009717         | GGAGGTTTGTTACAGTGTCAT                  | 147                |
| In situ hybridization | | | |
| Dpy19l1 | NM_172920         | GCTGCTGCTTAGGCTTTTTG                  | 402                |
| Dpy19l1 | NM_172920         | TGCATCATTTTGGCCGTGT                    | 1234               |
| Dpy19l3 | NM_178704         | ATGGGTTTCTGCCAGTGCT                    | 934                |