**S3 Table: Primer sequences**

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| **Name** | **Fw Primer sequence (5'-3')** | **Rv primer sequence (5'-3')** |
| NINL#1 | GGAAGGTTTTGTGGCTGTG | AGGCAGCTGATTCCAAAG |
| NINL#2 | CTGGGACAGGAGGCTTCTAC | ATTTGGTCACTCTGCTGCTG |
| CC2D2A#1 | AGGAAGCGTAACACCCAATG | CCTGGACACCTCCTTGTTG |
| CC2D2A#2 | AGGGTCCAACTGCCTATGTG | ACAGCCCACATTTTTCAAGG |
| GUSB | AGAGTGGTGCTGAGGATTGG | CCCTCATGCTCTAGCGTGTC |