**Table-S1:**

**Subtypes of NMDA receptors:-**

|  |  |  |
| --- | --- | --- |
| **Gene** | **Forward Sequence** | **Reverse Sequence** |
| **NR1** | 5-ACGGAATGATGGGCGAGC-3 | 5-GGCATCCTTGTGTCGCTTGTAG-3 |
| **NR2A** | 5- ATTCAACCAGAGGGGCGTA-3 | 5- TTCAAGACAGCTGCGTCATAG-3 |
| **NR2B** | 5-CGGAACTGGTCCAGGTAGAA-3 | 5-ACTGTGACAACCCACCCTTC-3 |
| **NR2C** | 5-CCTTTGGCAGCTGTGGTC-3 | 5-GGCTCAGGCGTCTCCTCT-3 |
| **NR2D** | 5-GAAGGACAGAAACGGACCTG-3 | 5-CCCCTCTGGCTCATAGTTCC-3 |
| **NR3A** | 5-CACGAATCAAAAACAAATCCAA-3 | 5-TGTGTTTAATGCTCTGTGAAACC-3 |
| **NR3B** | 5-CGAGGTCTGTGCCAGGTT-3 | 5-CGCCTCGGGAAAGGTTAT-3 |
| **GAPDH** | 5-ACGACCCCTTCATTGACC-3 | 5-CCAGTGAGCTTCCCGTTCAGC-3 |