Supplementary Material

**Supplementary Table 1 qPCR Primer Sequences for ChIP**

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| **Promoter and Refseq Accession Number** | **Primer Sequence 5’-3’** | **Corresponding to Position** | **Amplicon (bp)** |
| BDNF 1  NT\_039207 | TGATCATCACTCACGACCACG | 50555972-50555992 | 134 |
| CAGCCTCTCTGAGCCAGTTAC | 50556105-50556085 |
| BDNF IV  NT\_039207 | TGCGCGGAATTCTGATTCTGG | 50573782-50573802 | 107 |
| GTCCACGAGAGGGCTCCACG | 50573888-50573871 |
| BDNF VI  NT\_039207 | ACTCACACTCGCTTCCTCCT | 50574691-50574710 | 171 |
| GCACTGGCTTCTCTCCATTT | 50574861-50574842 |
| GABBR1  NC\_000083.7 | CAGGAGAGCGAAAGGGGAAG | 37383295-37383314 | 299 |
| AACAGCGCCAAGAGAATGGA | 37383593-37383574 |
| GABRA2  NC\_000071.7 | TTCTGGGGAGGGACATTGGA | 71252739-71252758 | 141 |
| TGCTCATTCCCCTCTGCTTC | 71252879-71252860 |