|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **Site** | **Primers** | **Products (bp)** |
| TH | NBRE |

|  |
| --- |
| 5’- AGCTCATAAGAGCTTTCAGATTATC |
| 5’- CTGAGACAGGGTGGATCCCAG |

 | 205 |
| TH | NurRE-like site |

|  |
| --- |
| 5’- AGGTTATAGTTCTAACATGAG |
| 5’- GCCTCCGTCCCATTAGATCTAATTG |

 | 200 |
| DCX | NBRE |

|  |
| --- |
| 5’-GCTCAGGACTTTGCATCCACCACTG |
| 5’- TGGCCTGAATACATAGCAGTGG |

 | 219 |
| DCX | NurRE-DR2 site |

|  |
| --- |
| 5’- GAGGATCAATTAAGGAATAATAC |
| 5’- ATGTTGCACAGTACATTCCTGTGAG |

 | 253 |
| FGF2 | NBRE |

|  |
| --- |
| 5’-TCTACCCTCACTCACAGTGGAGTG  |
| 5’- ACTCCAAGAACTGACTGAGTTG |

 | 192 |
| FGF2 | NurRE-DR2 site |

|  |
| --- |
| 5’- CTGAGAGAAGGTGTTCCGGGATC |
| 5’- CATTAATATGTACAGCTCTTATAT |

 | 210 |
| Nur77 | NurRE-like site |

|  |
| --- |
| 5’- AGTCCTGTTGCAAGCTGTGCT |
| 5’- TCAGGTGGCTCACAACCATCTG |

 | 233 |
| Nurr1 | NurRE-like site |

|  |
| --- |
| 5’- CATCCTGATTGAATAATCTTATCAT |
| 5’- CATTTACCAGAAGAAAATTGATAGC |

 | 184 |
| BIII-Tubulin | NBRE-like site |

|  |
| --- |
| 5’- GTACTTGTCGGGTATTGTGCATC |
| 5’- TGCTGAGTCGCTTGAGGTGGGAG |

 | 204 |
| BIII-Tubulin | NurRE-like site |

|  |
| --- |
| 5’- GATCTGTTTGGACTGTTCTTAGG |
| 5’- TGTTGTTGTCATGTGGACATTAGC |

 | 324 |
| Cyclophilin A |  |

|  |
| --- |
| 5' - AACTTTCGTGCTCTGAGC |
| 5' - ATGGCGTGTGAAGTCACC |

 | 907 |

 **Table S2. Primers used for Chromatin Immunoprecipitation (ChIP).**