

| Symbol | Gene name | Chromosome | Position | Gene length (Kb) |
|---------------|------------------------------|-------------------|-----------------|-------------------------|
| <i>COMT</i> | Catechol-O-methyltransferase | 22 | 22q11.21 | 28.4 |
| <i>DRD2</i> | Dopamine receptor D2 | 11 | 11q23.2 | 65.7 |
| <i>ESR1</i> | Estrogen receptor alpha | 6 | 6q25.1 | 472.9 |
| <i>HTR2A</i> | Serotonin receptor 2A | 13 | 13q14.2 | 63.6 |
| <i>MAOA</i> | Monoamine Oxidase A | X | Xp11.3 | 90.6 |
| <i>SLC6A3</i> | Dopamine transporter | 5 | 5p15.3 | 52.6 |
| <i>SLC6A4</i> | Serotonin transporter | 17 | 17q11.2 | 41.6 |
| <i>TPH2</i> | Tryptophan hydroxylase 2 | 12 | 12q21.1 | 93.6 |

Table S1: Genes represented by SNP genotyping in our analysis.