

Table S1. Conditions for PCR, R: the number of repeats in a VNTR

| Gene, polymorphism | PCR primers | Annealing temperature, °C | Amplicons' lengths, bp |
|------------------------------|--|---------------------------------|--|
| MAOA, VNTR in promoter | 5'-ACAGCCTGACCGTGGAGAAG-3' 5'-GAACGGACGCTCCATTTCGGA-3' | 63 | 290 (2R), 320 (3R), 335 (3.5R), 350 (4R), 380 (5R) |
| SLC6A3, VNTR in 3'-UTR | 5'-TGCGGTGTAGGGAACGGCCTGA-3' 5'-CTTCCTGGAGGTCACGGCTCAAGG-3' | 64 | 403 (8R), 443 (9R), 483 (10R), 523 (11R) |

Table S2. Oligonucleotide and TaqMan probe sequences used for real-time PCR analysis of rs17689918, rs1360780, rs53576, rs12720071, rs806377, rs6557168, rs4311, rs4522666, and rs1800497

| SNV | Oligonucleotide and TaqMan probe sequences | T _m , °C |
|------------|--|------------------------|
| rs17689918 | 5'-GGTTGTTCAAGGCTGTGACTGG-3' 5'-CACCACACCTGTCACCCAGT-3' [FAM]CAGATTCAGGCTGAGATTGCGAAC[BHQ1] [HEX]CAGATTCAGGCTGAGATTGCAAAA[BHQ1] | 60 |
| rs4311 | 5'-AAGTCTTCCCCAGTTCCTCA-3' 5'-GATGGTTAAATTGTCTTAGGGCC-3' [FAM]AGAGGTTGCAAACAGATGGATTAACT[BHQ1] [HEX]AGAGGTTGCAAACAGATGGATTAGCT[BHQ1] | 59 |
| rs1360780 | 5'- CAGAAGAGATCCAGGCACAG-3' 5'- GCCAGCAGTAGCAAGTAAGA-3' [FAM]AGGCTTTCACATAAGCAAAGTTATAC[BHQ1] [HEX]AGGCTTTCACATAAGCAAAGTTACAC[BHQ1] | 60 |
| rs1800497 | 5'-GCAACACAGCCATCCTCAAAGTG-3' 5'- CAGCTCACTCCATCCTGGACGT-3' [FAM]CAGCTGGGCGCCTGCCTCGACC[BHQ1] [HEX]CAGCTGGGCGCCTGCCTTGACC[BHQ1] | 60 |
| rs6557168 | 5'-CAACAATTTTGGCAAGCAGTC-3' 5'-CACCTTCAGTTCACACAGTCTA-3' [FAM]TATCTGCTGAGAAAATATAACCACATA[BHQ1] [HEX]TATCTGCTGAGAAAATATAACCATATAA[BHQ1] | 61 |
| rs53576 | 5'-CGGGCACAGCATTTCATGGAA-3' 5'-AGGAGGCCTGGTTTGAAGTGT-3' [FAM]TGTTTCTGTGGGACTGAGGATCC[BHQ1] [HEX]TGTTTCTGTGGGACTGAGGACCC[BHQ1] | 60 |
| rs12720071 | 5'-TTAGATCTTGAAAGCACAAACACAC-3' 5'-CAGGCAGTACCAATGCTCTTT-3' [FAM]CACAAATGCAGTTTCAAAAATGAATCG[BHQ1] [HEX]CACAAATGCAGTTTCAAAAATGAACCG[BHQ1] | 60 |
| rs806377 | 5'- CATGGGTAAGTCTATCATCACTAAG-3' 5'- GGTCCAGTAGGTGATGGCT-3' [FAM]ACCAGTTCTGCACACCTTTCC[BHQ1] [HEX]ACCAGTTCTGCACACCTCTCC[BHQ1] | 60 |

| | | |
|-----------|------------------------------------|----|
| rs4522666 | 5'-CGTCCTAAGCAGCGAGCTT-3' | 65 |
| | 5'-GTGTGCCGTGCTTTGCATTT-3' | |
| | [FAM]AAACTGATTTCTTGACCCACGGT[BHQ1] | |
| | [HEX]AAACTGATTTCTTGACCCATGGT[BHQ1] | |
