Supplementary table

Table S1. Genetic association results for major depressive disorder stratified by gender

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Gene | Polymorphism | Control groupn (%) | MDD patientsn (%) | P genotypes | P alleles | OR (95%CI) |
| **Males** |
| *FKBP4* | Rs2968909 | CCCGGG | 163 (61.0)92 (34.5)12 (4.5) | 30 (58.8)19 (37.3)2 (3.9) | 0.921 | 0.896 | 0.95 (0.57-1.58) |
| *STIP1* | Rs4980524 | AAACCC | 103 (37.7)126 (46.2)44 (16.1) | 24 (54.6)13 (29.6)7 (15.9) | 0.079 | 0.155 | 1.45 (0.89-2.36) |
|  | Rs2236647 | CCCTTT | 100 (36.2)132 (47.8)44 (15.9) | 19 (38.0)18 (36.0)13 (26.0) | 0.151 | 0.440 | 0.84 (0.54-1.29) |
| *BAG1* | Rs706115 | CCCGGG | 186 (66.9)77 (27.7)15 (5.4) | 31 (60.8)17 (33.3)3 (5.9) | 0.689 | 0.498 | 0.81 (0.49-1.36) |
| *SRSF3* | Rs1406945 | CCCGGG | 114 (40.9)126 (45.1)39 (14.0) | 20 (39.2)26 (51.0)5 (9.8) | 0.634 | 0.824 | 1.05 (0.67-1.64) |
| *SRSF5* | Rs3104 | GGAGAA | 165 (60.7)88 (32.4)19 (6.9) | 34 (66.7)14 (27.4)3 (5.9) | 0.720 | 0.444 | 1.23 (0.72-2.09) |
| **Females** |
| *FKBP4* | Rs2968909 | CCCGGG | 187 (69.3)71 (26.3)12 (4.4) | 108 (67.5)43 (26.9)9 (5.6) | 0.841 | 0.647 | 0.91 (0.63-1.29) |
| *STIP1* | Rs4980524 | AAACCC | 103 (38.4)126 (47.0)39 (15.6) | 74 (51.8)43 (30.0)26 (18.2) | 0.004 | 0.171 | 1.23 (0.91-1.67) |
|  | Rs2236647 | CCCTTT | 101 (37.3)132 (48.7)38 (14.0) | 75 (46.9)59 (36.9)26 (16.2) | 0.055 | 0.156 | 1.17 (0.87-1.56) |
| *BAG1* | Rs706115 | CCCGGG | 168 (62.0)91 (35.6)12 (4.4) | 114 (70.8)42 (26.1)5 (3.1) | 0.174 | <0.001\* | 2.63 (1.81-3.81) |
| *SRSF3* | Rs1406945 | CCCGGG | 123 (45.4)126 (46.5)22 (8.1) | 57 (38.9)83 (52.1)19 (12.0) | 0.111 | 0.052 | 0.74 (0.55-0.99) |
| *SRSF5* | Rs3104 | GGAGAA | 138 (52.5)107 (40.7)18 (6.8) | 63 (40.7)69 (44.5)23 (14.8) | 0.008 | 0.003\* | 0.63 (0.46-0.85) |

\* indicates significance