|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Gene | variant | SNP | Effect allele | ΔHDRS17  (HDRS17Pre) | Remission | RCI | Reorientation |
| DRD2 | C957T | rs6277 | C |  |  |  | Beta=-5.07,P=0.0009 |
| Taq1A | rs1800497 | T |  |  |  |  |
| COMET | Val158Met | *rs4680* | A |  | Beta=-0.40,P=0.027 |  |  |
| BDNF | Val66Met | rs6265 | A |  |  |  |  |
| APOE |  | rs429358 | C |  |  |  |  |
|  | rs7412 | C |  |  |  |  |

G/A

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gene | variant | SNP | Effect allele  (risk) | Non-effect  Allele | MAF 1000G | MAF (N=117)  Bousman | MAF  Our data  (n=288) | Findings |
| DRD2 | C957T  (Pro319Pro) | rs6277 | C(G) | T(A) | 0.515 | 0.461 | 0.446 | CT (Vs CC) increase remission OR=3.7).  C allele increase risk of SCZ. |
| COMET | Val158Met | rs4680 | A | G | 0.390 | 0.526 | 0.506 | GG (Vs GA/GG) allele had greater Δ depression (only for male) |
| BDNF | Val66Met | rs6265 | A(T) | G(C) | 0.229 | (0.36)  Unknown | 0.206 |  |
| APOE | ε4 allele | rs429358 | C3937 | T3937 | 0.148 | 0.214 | 0.132 | T3937-T4075 -> ε2  T3937-C4075 -> ε3  C3937-C4075 > ε4 |
| rs7412 | C4075 | T4075 | 0.993 | 0.914 |