|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Genotype/Allele | Late onset depression(n = 125) | Early onset depression(n = 127) | Crude OR (95% CI) | *p* | Adjusted OR (95% CI) | *p* |
| Number | Frequency | Number | Frequency |
| *DUT* (rs4775748) |
| T/T | 94 | 0.752 | 92 | 0.724 | 0.867 (0.494-1.521) | 0.619 | 0.829 (0.470-1.463) | 0.518 |
| T/G | 27 | 0.216 | 31 | 0.244 | 1.172 (0.651-2.110) | 0.596 | 1.242 (0.685-2.253) | 0.475 |
| G/G | 4 | 0.032 | 4 | 0.031 | 0.984 (0.241-4.023) | 0.982 | 0.937 (0.227-3.862) | 0.929 |
| *χ2* = 0.282; *p* = 0.869 |
| T | 215 | 0.860 | 215 | 0.846 | 0.905 (0.562-1.455) | 0.680 | 0.882 (0.546-1.424) | 0.607 |
| G | 35 | 0.140 | 39 | 0.154 | 1.105 (0.687-1.778) | 0.680 | 1.134 (0.702-1.832) | 0.607 |
| *SMUG1* c.-31A>G(rs3087404) |
| A/A | 36 | 0.288 | 26 | 0.205 | 0.636 (0.357-1.136) | 0.126 | 0.587 (0.325-1.060) | 0.077 |
| A/G | 63 | 0.504 | 66 | 0.520 | 1.065 (0.650-1.745) | 0.803 | 1.099 (0.668-1.809) | 0.710 |
| G/G | 26 | 0.208 | 35 | 0.276 | 1.449 (0.810-2.591) | 0.212 | 1.489 (0.829-2.675) | 0.183 |
| *χ2* = 2.995; *p* = 0.224 |
| A | 135 | 0.540 | 118 | 0.465 | 0.732 (0.512-1.047) | 0.088 | 0.702 (0.488-1.010) | 0.057 |
| G | 115 | 0.460 | 136 | 0.535 | 1.366 (0.955-1.953) | 0.088 | 1.425 (0.990-2.049) | 0.057 |
| *UNG* (rs34259) |
| G/G | 63 | 0.504 | 51 | 0.402 | 0.660 (0.401-1.088) | 0.103 | 0.675 (0.409-1.115) | 0.125 |
| G/C | 53 | 0.424 | 66 | 0.520 | 1.470 (0.894-2.416) | 0.129 | 1.418 (0.859-2.340) | 0.172 |
| C/C | 9 | 0.072 | 10 | 0.079 | 1.102 (0.432-2.810) | 0.839 | 1.168 (0.454-3.000) | 0.748 |
| *χ2* = 2.720; *p* = 0.257 |
| G | 179 | 0.716 | 168 | 0.661 | 0.752 (0.503-1.124) | 0.164 | 0.756 (0.506-1.131) | 0.173 |
| C | 71 | 0.284 | 86 | 0.339 | 1.330 (0.890-1.986) | 0.164 | 1.322 (0.884-1.978) | 0.173 |

\* OR adjusted for sex.

*p* < 0.05 along with corresponding ORs are in bold