**Table S1.** Baseline Characteristics by CYP2B6 516G>T Genotype

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristic** | **Genotype** | | | |
|  | **GG** | **GT** | **TT** | ***P* value** |
| *N* | *412* | *549* | *140* |  |
| Age, y, mean (IQR) | 43.5 (37-50) | 44.0 (37-50) | 45.5 (38-51) | 0.049 |
| Male, n (%) | 266 (64.9%) | 328 (60.4%) | 86 (61.9%) | 0.368 |
| Years on EFV, median (IQR) | 3.4 (1.5-6.5) | 3.2 (1.3-6.1) | 2.7 (1.2-5.8) | 0.166 |
| CD4 count, n (%) |  |  |  | 0.074 |
| 0-200 | 118 (33.0%) | 150 (31.1%) | 54 (44.3%) |  |
| 200-499 | 213 (59.7%) | 302 (62.5%) | 59 (48.4%) |  |
| 500+ | 26 (7.3%) | 31 (6.4%) | 9 (7.3%) |  |
| BMI, kg/m2, mean (IQR) | 22.9 (19.7-24.9) | 23.3 (19.9-25.8) | 22.5 (19.1-24.6) | 0.969 |
| Hazardous drinkinga, n (%) | 46 (11.1%) | 53 (9.7%) | 19 (13.8%) | 0.368 |
| HIV RNA > 400 copies/ml | 5.43 (4.85-5.82) | 5.32 (4.64-5.81) | 5.16 (4.95-5.60) | 0.806 |
| Mood Module (PHQ-9), n (%) |  |  |  | 0.226 |
| None | 362 (87.9%) | 458 (84.0%) | 119 (85.6%) |  |
| 1 symptom | 36 (8.7%) | 59 (10.8%) | 13 (9.4%) |  |
| 2 symptoms | 9 (2.2%) | 20 (3.7%) | 6 (4.3%) |  |
| 3 symptoms | 2 (5.0%) | 6 (1.1%) | 0 (0.0%) |  |
| 4+ symptoms | 3 (0.7%) | 2 (0.4%) | 1 (0.7%) |  |

Abbreviation: N, number; IQR, inter-quartile range; PHQ, Patient Health Questionnaire

a Hazardous drinking is defined as >7 drinks weekly or >4 drinks per session for women, and >14 drinks weekly or >5 drinks per session for men.

**Table S2.** Comparison of characteristics of patients by study inclusion.

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Study Inclusion** | | |
|  | **Yes** | **No** | **P-value** |
| *N* | *1100* | *238* |  |
| Age, y, mean (IQR) | 44 (37 – 50) | 43 (38 – 51) | 0.695 |
| Male, n (%) | 680 (62.3%) | 142 (59.7%) | 0.499 |
| Years on EFV, median (IQR) | 3.2 (1.4 – 6.3) | 3.2 (1.3 – 6.6) | 0.721 |
| CD4 count at study entry, n, (%)  0-200 cells/mm3 | 322 (33.4%) | 66 (31.1%) | 0.559 |
| 200-499 cells/mm3 | 574 (59.7%) | 131 (61.8%) |  |
| 500+ cells/mm3 | 66 (6.9%) | 15 (7.1%) |  |
| BMI, mean (IQR) | 22.2 (19.7 – 25.4) | 22.5 (20.3 – 25.4) | 0.894 |
| Hazardous drinking,\* n (%) | 118 (10.8%) | 31 (13.0%) | 0.374 |
| Baseline plasma HIV RNA log copies/ml median (IQR) | 5.37 (4.77 – 5.81) | 5.22 (4.66 – 5.70) | 0.433 |
| Mood Module (PHQ-9), n (%) |  |  | 0.989 |
| None | 939 (85.7%) | 204 (85.7%) |  |
| 1 symptom | 108 (9.9%) | 22 (9.2%) |  |
| 2 symptoms | 35 (3.2%) | 9 (3.8%) |  |
| 3 symptoms | 8 (0.7%) | 2 (0.8%) |  |
| 4+ symptoms | 6 (0.5%) | 1 (0.4%) |  |

\* Hazardous drinking is defined as >7 drinks weekly or >4 drinks per session for women, and >14 drinks weekly or >5 drinks per session for men.