**Table S2** Quantitative features of the included studies that examined *cannabinoid receptor 1* associations with alcohol dependency.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | First author *CNR1* SNP | Ethnicity | Cases | Controls | Total | Cases |  |  | Control |   |   | Minor allele frequency | HWE (*P*HWE) |
|  |  |  |  |  |  | *wt-wt* | *var-wt* | *var-var* | *wt-wt* | *var-wt* | *var-var* |  |  |
|  | rs1049353 **(3,862/2,863)** ASP 100% / 99.8% / 98.2% |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Bierut | Caucasian, African-American | 1,897 | 1,932 | 3,829 | 1,712 | 181 | 4 | 1,893 | 38 | 1 | 0.01 | .078 |
| 2 | Marcos | Caucasian | 298 | 155 | 453 | 181 | 100 | 17 | 99 | 47 | 9 | 0.21 | .289 |
| 3 | Preuss | Caucasian | 196 | 210 | 406 | 109 | 72 | 15 | 114 | 75 | 21 | 0.28 | .106 |
| 4 | Schmidt | Caucasian | 265 | 136 | 401 | 93 | 123 | 49 | 66 | 55 | 15 | 0.31 | .493 |
| 5 | Zuo | Caucasian | 311 | 383 | 694 | 177 | 103 | 31 | 219 | 135 | 29 | 0.25 | .204 |
| 6 | Zuo | African-American | 95 | 47 | 142 | 84 | 9 | 2 | 43 | 4 | 0 | 0.04 | .761 |
|  | rs1535255 **(1,135/1,086)** ASP 99.7% / 80.7% / 65.3% |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Herman | African-American | 394 | 138 | 532 | 171 | 177 | 46 | 61 | 62 | 15 | 0.33 | .898 |
| 2 | Zhang | Caucasian | 351 | 190 | 541 | 234 | 105 | 12 | 138 | 48 | 4 | 0.15 | .942 |
| 3 | Zhang | African-American | ----- | ----- | ----- | 98 | 108 | 29 | 48 | 41 | 8 | 0.29 | .855 |
| 4 | Herman | Caucasian | 390 | 758 | 1,148 | 236 | 135 | 19 | 520 | 216 | 22 | 0.14 | .940 |
|  | rs2023239 **(704/681)** ASP 96.1%/60.7%/46.0% |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Herman | African-American | 138 | 394 | 532 | 66 | 59 | 13 | 172 | 177 | 45 | 0.339 | .958 |
| 2 | Zhang | African-American | 230 | 97 | 327 | 89 | 109 | 32 | 48 | 41 | 8 | 0.294 | .855 |
| 3 | Herman | Caucasian | ----- | ----- | ----- | 240 | 132 | 18 | 509 | 224 | 25 | 0.181 | .953 |
| 4 | Zhang | Caucasian | 336 | 190 | 526 | 216 | 107 | 13 | 138 | 48 | 4 | 0.147 | .942 |
|  | rs806379 **(1,497/1,843)** ASP 99.9% / 93.2% / 81.9 % |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Herman | Caucasian | 390 | 758 | 1,148 | 98 | 194 | 98 | 205 | 379 | 174 | 0.48 | .963 |
| 2 | Herman | African-American | 138 | 394 | 532 | 106 | 197 | 91 | 40 | 69 | 29 | 0.46 | .940 |
| 3 | Zhang | Caucasian | 351 | 192 | 543 | 99 | 175 | 77 | 75 | 90 | 27 | 0.38 | >.99 |
| 4 | Zhang | African-American | 224 | 87 | 311 | 67 | 112 | 45 | 22 | 44 | 21 | 0.49 | .914 |
| 5 | Zuo | Caucasian | 304 | 366 | 670 | 81 | 140 | 83 | 114 | 171 | 81 | 0.46 | .268 |
| 6 | Zuo | African-American | 90 | 46 | 136 | 26 | 29 | 35 | 13 | 20 | 13 | 0.50 | .376 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |

*CNR1* = *cannabinoid receptor 1*, SNP = single nucleotide polymorphism, ASP = aggregate statistical power at ORs of 1.5, 1.2 and 1.1 (α = 0.05), respectively,

*wt* = wild-type, *var* = variant, ---- = duplicate sample size, bold values in parentheses indicate sample sizes for cases and controls, HWE = Hardy-Weinberg equilibrium, *P*HWE = *P*-value for HWE.