

Table S2

| SNP | | POAG | POAG/HPG | POAG/NPG | Control |
|-----------|------------------|--------|----------|----------|---------|
| rs523096 | sex ^a | 0.2579 | 0.1513 | 0.3401 | 0.6873 |
| | age ^b | 0.8189 | 0.7255 | 0.9944 | 0.0999 |
| rs518394 | sex ^a | 0.3159 | 0.2405 | 0.2874 | 0.6633 |
| | age ^b | 0.8606 | 0.5138 | 0.9548 | 0.4519 |
| rs564398 | sex ^a | 0.2943 | 0.1623 | 0.3490 | 0.7913 |
| | age ^b | 0.8298 | 0.7434 | 0.9946 | 0.0662 |
| rs7865618 | sex ^a | 0.2663 | 0.1598 | 0.3078 | 0.7196 |
| | age ^b | 0.8407 | 0.7430 | 0.9931 | 0.0966 |

^a Data show the *P* value analyzed by $2 \times 3 \chi^2$ test for male/female vs three genotypes.

^b Data show the *P* value analyzed by one-way ANOVA for three genotypes.