**Table S2**

<table>
<thead>
<tr>
<th>SNP</th>
<th>POAG</th>
<th>POAG/HPG</th>
<th>POAG/NPG</th>
<th>Control</th>
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</thead>
<tbody>
<tr>
<td>rs523096</td>
<td>sex&lt;sup&gt;a&lt;/sup&gt; 0.2579</td>
<td>0.1513</td>
<td>0.3401</td>
<td>0.6873</td>
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<tr>
<td></td>
<td>age&lt;sup&gt;b&lt;/sup&gt; 0.8189</td>
<td>0.7255</td>
<td>0.9944</td>
<td>0.0999</td>
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<td>rs518394</td>
<td>sex&lt;sup&gt;a&lt;/sup&gt; 0.3159</td>
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<td>0.6633</td>
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<td>0.7430</td>
<td>0.9931</td>
<td>0.0966</td>
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</tbody>
</table>

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

<sup>b</sup> Data show the *P* value analyzed by one-way ANOVA for three genotypes.