Supporting Information

**Title of Manuscript:** Proteomic investigations of transcription factors critical in geniposide-mediated suppression of alcoholic steatosis and in overdose induced hepatotoxicity on liver in rats

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Below is the Supporting Information of “Proteomic investigations of transcription factors critical in
geniposide-mediated suppression of alcoholic steatosis and in overdose induced hepatotoxicity on liver
in rats”.

**Supplementary figure and tables:**

*Table S1:* Primers for qPCR.

*Table S2:* The total iBAQ value of the different groups.

*Table S3:* Identified TFs in geniposide-mediated effects on alcoholic steatosis in rat models.

*Table S4:* All identified proteins in the catTFREs experiments of geniposide-mediated effects on
alcoholic steatosis in rat models.

*Table S5:* Identified TFs in geniposide overdose-induced hepatotoxicity.

*Table S6:* Identified TFs in different doses geniposide mediated effects on rats.

*Figure S1.* Effect of geniposide (60 mg/kg) on lipsotrichia in rats fed alcohol for 7 weeks.
Figure S1. Effect of geniposide (60 mg/kg) on lipsotrichia in rats fed alcohol for 7 weeks.

The image in Figure S1 is free domain. Photograph courtesy of Junying Wei.
### Table S1: Primers for qPCR

<table>
<thead>
<tr>
<th>Gene symbol</th>
<th>Forward primers</th>
<th>Reverse primers</th>
</tr>
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<tbody>
<tr>
<td>PPAR-α</td>
<td>GATGAGCCCTGAGCGACAAA</td>
<td>GGCTAGAGGAGCATGGACAAA</td>
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<tr>
<td>HNF-1α</td>
<td>GGACTGATTGAAGAGCCCACA</td>
<td>CACTCCTCCACCAAGGTCTC</td>
</tr>
<tr>
<td>HNF-4α</td>
<td>TACAGCAGAGAACACACCAAG</td>
<td>CAGAAGCCTACCTCCCTCTGTC</td>
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<tr>
<td>GAPDH</td>
<td>GCCCAGCAAGGATACTGAGA</td>
<td>GGTATTCGAGAGAAGGGAGGG</td>
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