

## **SUPPORTING INFORMATION**

### **Preventive effect of ethanol extract from Chinese sumac fruits against tetrachloromethane-induced liver fibrosis in mice**

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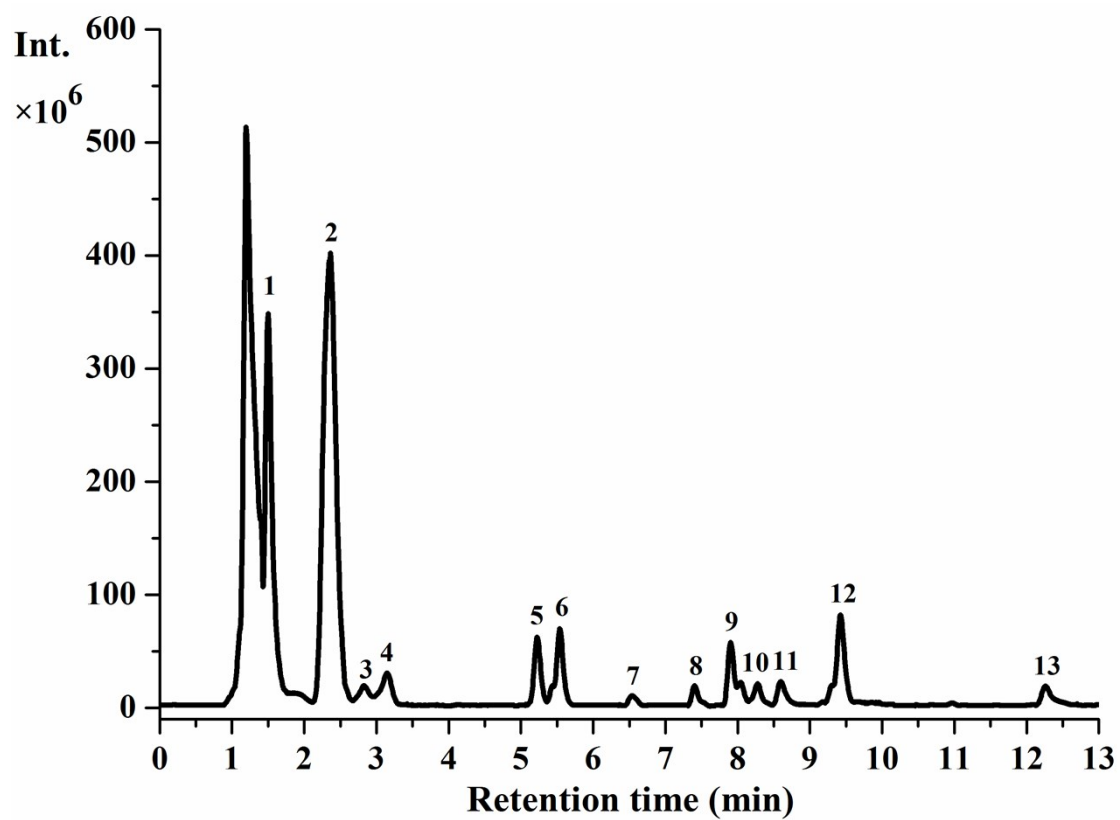
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**Fig. S1 Negative ion current chromatogram of ethanol extract of Chinese sumac fruits. Peaks identification and their MS data are shown in Table S1.**



**Table S1** Phenolic compounds identified in Chinese sumac fruit by UHPLC-ESI-HRMS/MS in negative mode.

Peak No.	Compounds	Molecular formula	Retention time (min)	[M-H] <sup>-</sup> ( <i>m/z</i> )	MS/MS ion fragments
1	Citric acid	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	1.50	191.0194	57.0333, 87.0076, 111.0077
2	Gallic acid	C <sub>7</sub> H <sub>6</sub> O <sub>5</sub>	2.36	169.0137	69.0333, 97.0284, 125.0235
3	Di- <i>O</i> -galloyl-glucoside	C <sub>20</sub> H <sub>20</sub> O <sub>14</sub>	2.82	483.0794	125.0235, 169.0137, 331.0679
4	Di- <i>O</i> -galloyl-glucoside (isomer)	C <sub>20</sub> H <sub>20</sub> O <sub>14</sub>	3.15	483.0793	125.0235, 169.0137, 331.0679
5	Trigalloylglucose	C <sub>27</sub> H <sub>24</sub> O <sub>18</sub>	5.23	635.0909	169.0137, 483.0795, 635.0911
6	Trigalloylglucose (isomer)	C <sub>27</sub> H <sub>24</sub> O <sub>18</sub>	5.54	635.0909	169.0137, 483.0795, 635.0911
7	Myricetin-3- <i>O</i> -galactoside	C <sub>21</sub> H <sub>20</sub> O <sub>13</sub>	6.54	479.0845	316.0232, 317.0307
8	Myricetin-3- <i>O</i> -rhamnoside	C <sub>21</sub> H <sub>20</sub> O <sub>12</sub>	7.40	463.0896	271.0266, 300.0282, 316.0232
9	Luteolin-7- <i>O</i> -glucoside	C <sub>21</sub> H <sub>20</sub> O <sub>11</sub>	7.90	447.0945	284.0333, 285.0410
10	Valoneic acid dilactone	C <sub>21</sub> H <sub>10</sub> O <sub>13</sub>	8.24	469.0530	125.0235, 169.0137
11	Quercetin-3- <i>O</i> -arabinoside	C <sub>20</sub> H <sub>18</sub> O <sub>11</sub>	8.60	433.0787	271.0255, 300.0282
12	Quercetin-3- <i>O</i> -rhamnoside	C <sub>21</sub> H <sub>20</sub> O <sub>11</sub>	9.43	447.0945	284.0333, 285.0412, 300.0283,
13	Kaempferol-3- <i>O</i> -hexoside	C <sub>21</sub> H <sub>20</sub> O <sub>10</sub>	12.26	431.0995	255.0303, 284.0333

**Table S2** The sequences of gene primers used in this study

	Forward primer (5'-3')	Reverse primer (5'-3')
TNF- $\alpha$	AGGGTCTGGGCCATAGAACT	CCACCACGCTCTTCTGTCTAC
TGF- $\beta$ 1	CAATTCCTGGCGTTACCTTG	AAAGCCCTGTATTCCGTCTC
Bax	GATCAGCTCGGGCACTTT AG	TTGCTGATGGCAACTTCAAC
Bcl-2	CTTTCTGCTTTTTATTTTCATGAGG	CAGAAGATCATGCCGTCCTT
GAPDH	TGGGCAAGGTCATCCCAGAG	GAGGCCATGTAGGCCATGAG

TNF- $\alpha$ : tumor necrosis factor- $\alpha$ ; TGF- $\beta$ 1: transforming growth factor- $\beta$ 1; Bax: Bcl-2-associated X protein; Bcl-2: B cell lymphoma-2; GAPDH: glyceraldehyde-3-phosphate dehydrogenase