**Supplementary Table 1. Baseline characteristics of biopsy-confirmed Chinese MAFLD patients**

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| 　 | **Biopsy-confirmed NAFLD (*n*=427)** |
| **Clinical and laboratory parameters** |
| Age in years | 41.1±12.0 |
| Male sex, *n* (%) | 315 (73.8%) |
| Diabetes, *n* (%) | 137 (32.1%) |
| Hypertension, *n* (%) | 157 (36.8%) |
| Waist circumference in cm | 91.4±8.7 |
| BMI in kg/m2 | 26.7±3.3 |
| HOMA-IR score | 5.5±8.1 |
| Platelet count as 109/L | 245.5±61.9 |
| Hemoglobin A1c, % | 6.1±1.4 |
| Fasting glucose in mmol/L | 5.7±1.5 |
| Total cholesterol in mmol/L | 5.1±1.2 |
| Triglycerides in mmol/L | 2.3±1.5 |
| HDL-cholesterol in mmol/L | 1.0±0.2 |
| LDL-cholesterol in mmol/L | 3.1±0.9 |
| Albumin in g/L | 46.3±3.8 |
| ALT in U/L | 76.3±73.4 |
| AST in U/L | 47.4±35.1 |
| GGT in U/L | 73.3±95.7 |
| Creatinine in μmol/L | 67.0±14.1 |
| Uric acid in μmol/L | 392.0±107.1 |
| **Liver histology scores** |  |
| Steatosis scores | 1.7±1.1  |
| Hepatocyte ballooning scores | 1.3±0.6  |
| Lobular inflammation scores | 1.2±0.5  |
| Fibrosis scores | 1.0±0.9 |
| **Liver histology features** |  |
| Steatosis, *n* (%) |  |
|  Mild steatosis: <2 | 201 (47.1%) |
|  Severe steatosis: ≥2 | 226 (52.9%) |
| Hepatocyte ballooning, *n* (%) |  |
|  Mild ballooning: <2 | 270 (63.2%) |
|  Severe ballooning: =2 | 157 (36.8%) |
| Lobular inflammation, *n* (%) |  |
|  Mild inflammation: <2 | 343 (80.3%) |
|  Severe inflammation: ≥2 | 84 (19.7%) |
| Presence of fibrosis, *n* (%) | 287 (67.2%) |
| Steatohepatitis, *n* (%) | 250 (58.5%) |
| **SNPs** |  |
| *HSD17B13* rs72613567 |  |
|  T/T | 198 (47.3%) |
|  T/TA | 176 (42.0%) |
|  TA/TA | 45 (10.7%) |
| *HSD17B13* rs6531975 |  |
|  G/G | 209 (49.8%) |
|  G/A | 170 (40.5%) |
|  A/A | 41 (9.8%) |
| *PNPLA3* rs738409 |  |
|  C/C | 125 (29.8%) |
|  C/G | 197 (47.0%) |
|  G/G | 97 (23.2%) |

Categorical values are shown as *n* (%). Continuous variables are shown as mean ± standard deviation.