

Supplementary Table 2. Characteristics of study participants according to NASH status in the training set (Chinese cohort).

	NAFL (n=231)	NASH (n=171)	P-value
Demographics			
Age, years	44 (37-52)	38 (29-49)	<0.001
Men, n (%)	184 (79.7%)	117 (68.4%)	0.010
Metabolic factors			
BMI, kg/m ²	25.9 (23.9-27.7)	27.3 (25.4-29.7)	<0.001
Waist circumference, cm	90.0 (85.0-96.0)	93.8 (88.5-98.4)	<0.001
Central obesity, n (%)	134 (60.6%)	139 (83.7%)	<0.001
Type 2 diabetes, n (%)	83 (35.9%)	65 (38.0%)	0.669
Hypertension, n (%)	95 (41.1%)	77 (45.0%)	0.434
Metabolic syndrome, n (%)	153 (66.2%)	138 (80.7%)	0.001
Laboratory parameters			
ALT, IU/L	40 (26-60)	74 (48-133)	<0.001
AST, IU/L	29 (23-39)	50 (33-74)	<0.001
γ-GT, IU/L	45 (28-75)	59 (38-94)	<0.001
Albumin, g/dL	4.6 (4.4-4.8)	4.7 (4.4-4.9)	0.028
Glucose, mmol/L	5.2 (4.8-6.2)	5.4 (4.9-6.5)	0.208
Insulin, mIU/L	12.4 (8.1-18.6)	16.7 (12.6-25.0)	<0.001
HbA1c, %	5.7 (5.4-6.5)	5.8 (5.4-6.8)	0.497
HOMA-IR score	3.0 (1.9-4.5)	4.4 (3.0-6.7)	<0.001
Platelet count, ×10 ⁹ /L	243 ± 62	252 ± 60	0.187
TG, mmol/L	1.8 (1.3-2.6)	2.1 (1.5-2.8)	0.069
TC, mmol/L	4.9 ± 1.2	5.2 ± 1.1	0.004
HDL-C, mmol/L	1.0 (0.8-1.1)	1.0 (0.9-1.1)	0.495
LDL-C, mmol/L	2.9 ± 0.9	3.1 ± 0.9	0.019
Genotypes, n (%)			
<i>PNPLA3</i> rs738409			<0.001
C/C	83 (35.9%)	34 (19.9%)	
C/G	105 (45.5%)	82 (48.0%)	
G/G	43 (18.6%)	55 (32.2%)	
<i>HSD17B13</i> rs72613567			0.095
-/-	116 (50.2%)	74 (43.3%)	
-/A	100 (43.3%)	76 (44.4%)	
A/A	15 (6.5%)	21 (12.3%)	
<i>TM6SF2</i> rs58542926			0.114
C/C	149 (84.7%)	102 (82.9%)	
C/T	27 (15.3%)	18 (14.6%)	
T/T	0 (0.0%)	3 (2.4%)	
<i>MBOAT7</i> rs641738			0.259
C/C	128 (55.7%)	96 (56.8%)	

C/T	85 (37.0%)	67 (39.6%)	
T/T	17 (7.4%)	6 (3.6%)	

Note: ALT, alanine aminotransferase; AST, aspartate transaminase; BMI, body mass index; GGT, γ -glutamyl transpeptidase; HbA1c, hemoglobin A1c; HOMA-IR, homeostasis model assessment-insulin resistance; HDL-C, high-density lipoprotein cholesterol; *HSD17B13*, hydroxysteroid 17-beta dehydrogenase 13; LDL-C, low-density lipoprotein cholesterol; *MBOAT7*, membrane-bound O-acyltransferase domain-containing protein 7; NAFL, non-alcoholic fatty liver; NASH, nonalcoholic steatohepatitis; NAS, NAFLD activity score; *PNPLA3*, patatin-like phospholipase domain-containing-3; TG, triglycerides; TC, total cholesterol; *TM6SF2*, transmembrane 6 superfamily member 2.