

**Supplemental Table 1 Histological parameter and *PNPLA3* genotypes**

Parameter	PNPLA3 CC (n = 43)	PNPLA3 GG (n = 8) + GG (n = 37)	PNPLA3 CG + GG (n = 37)	p Chi <sup>2</sup> test CC vs GG	p Chi <sup>2</sup> test CC vs CG + GG
Chevallier Score (SSS)	5.2 ± 4.9	7.4 ± 6.0	8.2 ± 7.4	n.s.	a
Kleiner Fibrosis Score (0-4)	2.3 ± 1.0	2.4 ± 0.9	2.6 ± 1.3	n.s.	a
Morphometry of collagen deposition	5.3 ± 8.1	9.3 ± 15.1	10.9 ± 12.1	n.s.	a
Microgranulomas (0-1)	0.3 ± 0.5	0.8 ± 0.5	0.4 ± 0.5	a	n.s.
Ballooning K8/18 (0-2)	0.2 ± 0.5	0.8 ± 1.1	0.9 ± 0.9	n.s.	a
Ballooning HE stain (0-2)	0.7 ± 0.7	1.4 ± 0.5	0.9 ± 0.7	a	n.s.
Lobular Inflammation (0-3)	1.3 ± 0.7	1.6 ± 0.5	1.4 ± 0.7	n.s.	n.s.
Portal Inflammation (0-1)	0.2 ± 0.4	0.0 ± 0.0	0.2 ± 0.4	n.s.	n.s.
Steatohepatitis (0-2)	1.1 ± 0.8	2.0 ± 0	1.3 ± 0.7	a	n.s.
Mallory Denk bodies (0-1)	0.3 ± 0.4	0.3 ± 0.5	0.4 ± 0.5	n.s.	n.s.
Megamitochondria (0-1)	0.1 ± 0.2	0.1 ± 0.4	0.1 ± 0.3	n.s.	n.s.
Acidophilic Bodies (0-1)	0.2 ± 0.4	0.3 ± 0.5	0.2 ± 0.4	n.s.	n.s.
Pigmented macrophages (0-1)	0.4 ± 0.5	0.3 ± 0.5	0.4 ± 0.5	n.s.	n.s.
Large Lipogranulomas (0-1)	0.2 ± 0.4	0.1 ± 0.4	0.0 ± 0.2	n.s.	n.s. (0.063)
Steatosis (0-3)	1.9 ± 1.0	2.6 ± 0.5	2.0 ± 1.0	a	n.s.
Microvesicular Steatosis (0-1)	1.0 ± 0.2	1.0 ± 0.0	0.9 ± 0.3	n.s.	n.s.

<sup>a</sup>P < 0.05. n.s.: Not significantly.