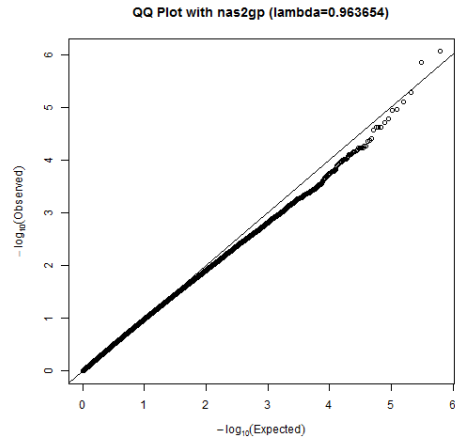


Figure 3 (online only). (A) Quantile-quantile (QQ) plot for NAS (NAS  $\leq 4$  to NAS  $>4$ ), grouped using an additive genetic model. The  $-\log_{10}$  (P value) of observed. (B) QQ plot for fibrosis, grouped using an additive genetic model. The  $-\log_{10}$  (P value) of observed.

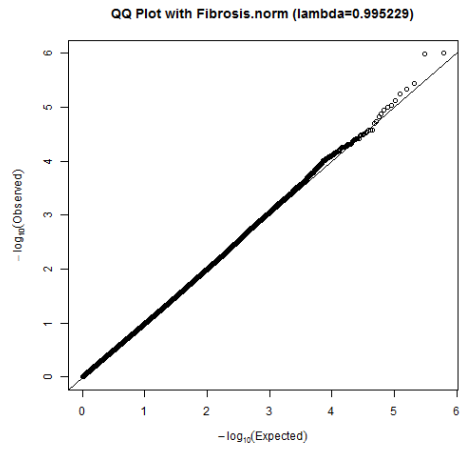
A.



B.

**Comment [U10]:** AUTHOR: Two different versions of Figure captions were provided and the one in the manuscript has been used. Please check and confirm that it is correct.

GWAS in Hispanic boys with NAFLD



(Table 3, online). Top SNPs from GWAS Logistic Analysis of NAS (binary trait NAS ≤4 to NAS >4), additive model. Chromosome (Chr), Single Nucleotide Polymorphism (SNP), Minor Allele Frequency (MAF).

SNP	Chr	Base Pair	Gene	Minor	Major	MAF	P- value
<a href="#">rs11166927</a>	8	140796420	TRAPPC9	C	T	0.295	8.66 x 10 <sup>-7</sup>
<a href="#">rs11166926</a>	8	140795752	TRAPPC9	G	A	0.293	1.40 x 10 <sup>-6</sup>
<a href="#">rs2242181</a>	8	140819819	TRAPPC9	T	C	0.310	5.33 x 10 <sup>-6</sup>
<a href="#">rs7836476</a>	8	140819819	TRAPPC9	T	C	0.312	7.91 x 10 <sup>-6</sup>

(Table 4, online). SNPs discovered in Hispanic boys in the context of SNPs previously published in adult cohorts. Single Nucleotide Polymorphism (SNP), Minor Allele Frequency (MAF), NAFLD Activity Score (NAS). [Additional variants for PNPLA3 tested, data not shown.]

Variant	Proxy SNP	D'	R <sup>2</sup>	Trait	Chr	Gene	MAF	P- NAS	P- Fibrosis
rs2896019				Fat	22	PNPLA3	0.27	0.11	0.12
rs381062				Fat	22	PNPLA3	0.07	0.14	0.25
rs5764034				Fibrosis	22	PNPLA3	0.11	0.11	0.010
rs2499604				ALT	1	RYR2	0.41	0.81	0.003
rs343062	rs2160621	1	0.38	Fibrosis	7	PDGF-a	0.31	0.68	0.4
rs2228603	rs10401193	1	0.36	Fat	19	NCAN	0.38	0.04	0.013
rs780094				Fat	2	GCKR	0.41	0.22	0.69
rs12137855				Fat	1	LYPLAL1	0.36	0.77	0.98
rs222054	rs12512631	1	0.323	Fat	4	GC	0.42	0.60	0.75
rs7324845	rs4941543	1	0.94	Fat	13	LCP1	0.43	0.04	0.7

rs11864146				Fat	16	SLC38A8	0.15	0.23	0.65
rs3761472				Fat	22	SAMM50	0.45	0.69	0.18
rs5764455				Fat	22	PARVB	0.48	0.1	0.62
rs2074301				Fat	19	TM6SF2	0.39	0.13	0.02
rs2074303				Fat	19	TM6SF2	0.48	0.15	0.003