Table S6. Multivariable linear regression investigating the relationship between selected sphingolipid metabolites and fPLI controlled for 3 potential confounders

Metabolite	Standardized regression coefficient (β)	Standard error (SE)	CI 95% for β	t statistics	p-value
HexCer(d18:1/18:0)					
SDMA	0.230	0.149	-0.071, 0.530	1.539	0.131
ALT	0.145	0.138	-0.133, 0.424	1.051	0.299
Glucose	0.128	0.138	-0.150, 0.407	0.929	0.358
HexCer(d18:1/18:0)	0.303	0.175	-0.049, 0.655	1.735	0.090
HexCer(d18:1/20:0)					
SDMA	0.254	0.137	-0.022, 0.530	1.855	0.07
ALT	0.099	0.144	-0.192, 0.389	0.684	0.498
Glucose	0.135	0.133	-0.132, 0.403	1.021	0.313
HexCer(d18:1/20:0)	0.334	0.167	-0.003, 0.670	1.999	0.052
HexCer(d18:1/24:0)					
SDMA	0.247	0.129	-0.013, 0.508	1.911	0.062
ALT	0.055	0.141	-0.229, 0.340	0.392	0.697
Glucose	0.090	0.132	-0.176, 0.356	0.679	0.501
HexCer(d18:1/24:0)	0.424	0.163	0.096, 0.752	2.604	0.013
HexCer(d18:1/24:1)					
SDMA	0.215	0.138	-0.063, 0.492	1.560	0.126
ALT	0.077	0.141	-0.207, 0.360	0.545	0.588
Glucose	0.114	0.131	-0.150, 0.377	0.870	0.389
HexCer(d18:1/24:1)	0.403	0.166	0.067, 0.739	2.421	0.020
SM C18:0					

SDMA	0.218	0.144	-0.073, 0.509	1.508	0.139
ALT	0.137	0.135	-0.136, 0.409	1.010	0.318
Glucose	0.068	0.147	-0.228, 0.365	0.465	0.644
SM C18:0	0.362	0.177	0.005, 0.720	2.044	0.047

ALT – alanine aminotransferase; CI 95% – 95% confidence interval; fPLI – feline pancreatic lipase immunoreactivity; HexCer – cerebroside; SM – sphingomyelin; SDMA – symmetric dimethylarginine