

**Table S5. Mutual correlations between five sphingolipids significantly correlated with fPLI in the univariable analysis and between potential confounders**

	Creatinine	SDMA	ALT	Glucose	HexCer (d18:1/18:0)	HexCer (d18:1/20:0)	HexCer (d18:1/24:0)	HexCer (d18:1/24:1)	SM C18:0
Creatinine		0.569 (<0.001)	-0.019 (0.899)	-0.094 (0.521)	-0.025 (0.867)	-0.099 (0.499)	-0.073 (0.618)	-0.019 (0.899)	-0.022 (0.881)
SDMA			0.232 (0.108)	0.027 (0.853)	0.458 (0.001)	0.348 (0.014)	0.334 (0.019)	0.415 (0.003)	0.428 (0.002)
ALT				0.209 (0.149)	0.486 (<0.001)	0.566 (<0.001)	0.550 (<0.001)	0.529 (<0.001)	0.481 (0.001)
Glucose					0.402 (0.004)	0.412 (0.003)	0.443 (0.001)	0.411 (0.003)	0.528 (<0.001)
HexCer(d18:1/18:0)						0.901 (<0.001)	0.864 (<0.001)	0.925 (<0.001)	0.898 (<0.001)
HexCer(d18:1/20:0)							0.912 (<0.001)	0.930 (<0.001)	0.844 (<0.001)

HexCer(d18:1/24:0)									0.952 (<0.001)	0.847 (<0.001)
HexCer(d18:1/24:1)										0.889 (<0.001)

Presented as the Spearman's correlation coefficient ( $R_s$ ) and p-value in parentheses. ALT – alanine aminotransferase; fPLI – feline pancreatic lipase

immunoreactivity; HexCer – cerebroside; SM – sphingomyelin; SDMA – symmetric dimethylarginine