

Table S3. Sum of Lipid Classes ANOVA

Lipid Class	f.value	p.value	-LOG10(p)	FDR	Fisher's LSD
Ceramides	36.63	5.07E-05	4.2946	0.0010312	HFD2 - HFD0; LFD2 - HFD0; HFD2 - LFD0; LFD2 - LFD0
Sphingomyelin	31.38	8.9666E-05	4.0474	0.0010312	HFD2 - HFD0; LFD0 - HFD0; LFD2 - HFD0; HFD2 - LFD0; LFD2 - LFD0
Lysophosphatidylserines	14.412	0.0013682	2.8639	0.010489	HFD2 - HFD0; LFD2 - HFD0; HFD2 - LFD0; LFD2 - LFD0