

**Table S3.** ANOVA-significant parameters based on the full cohort data without logarithmic normalization.

<b>Variable</b>	<b>p value</b>	<b>FDR value</b>	<b>VIP (PLS-DA) scores</b>
H4A1 †	0.064867	0.95172	0.5019
H4CH †	0.072953	0.95172	0.1032
H4FC †	0.07529	0.95172	0.0241
L2CH †	0.080319	0.95172	0.0690

p values: † p < 0.10.