

## Lipidome Data Analysis

Obtained UHPLC-Orbitrap-MS/MS RAW files were processed using Lipid Search 4.2™ (Thermo Fisher Scientific, Waltham, MA, USA). Lipid profiling under the following conditions: parent search; 0.2 Da, product search; 5.0 ppm, precursor ion mass tolerance; 8.0 ppm, M-score threshold; 2.0.