

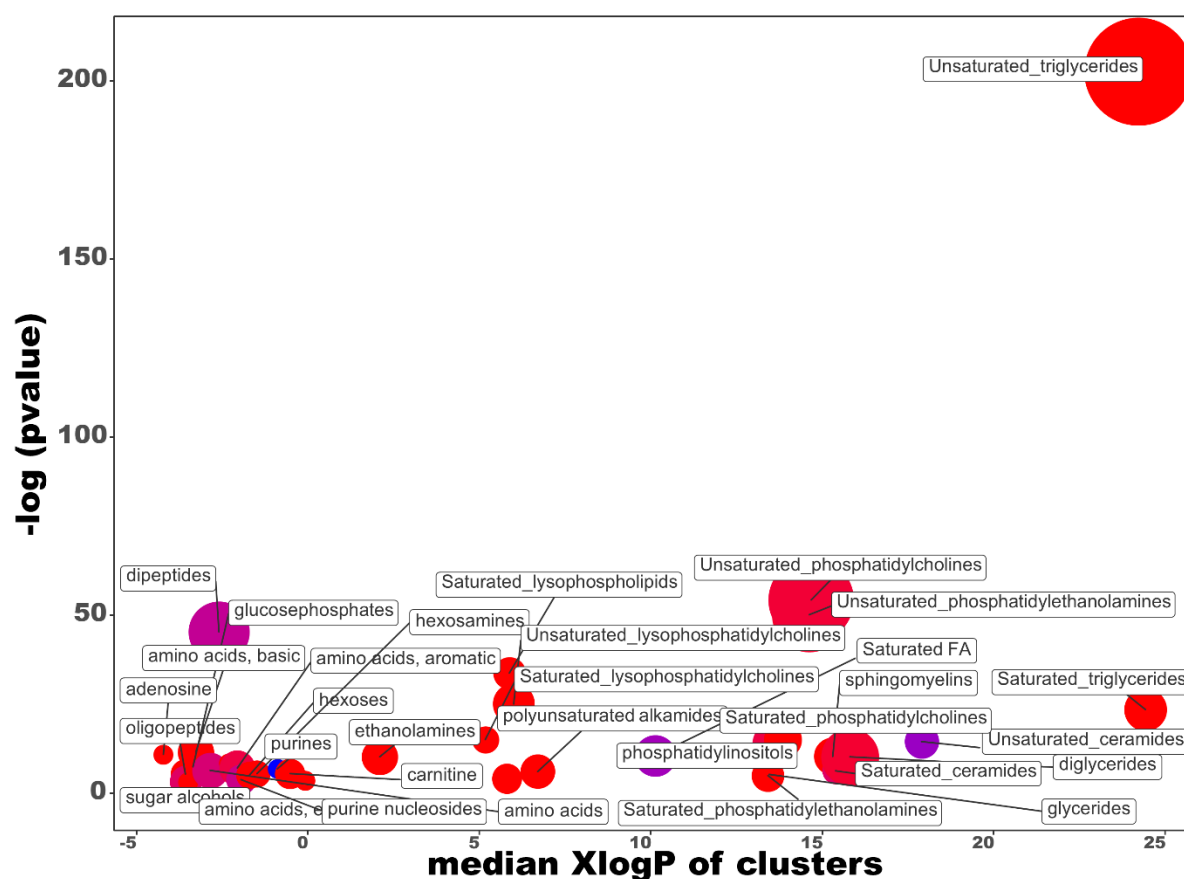
Supplementary Figures for

In vivo neuroprotective capacity of a *Dunaliella salina* extract - Comprehensive transcriptomics and metabolomics study

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Supplementary Figure 1. Chemical similarity enrichment results of metabolomics data from *Caenorhabditis elegans* in “Control” conditions (0.05% DMSO) compared to “Not Induced” conditions (0.05% DMSO and maintained at 16 °C throughout the assay) for 26 h, and obtained using ChemRICH. Statistical enrichment analysis utilized chemical similarity and ontology mapping to generate metabolite clusters. The y-axis shows the most significantly altered clusters on top; the x-axis shows the XlogP values of clusters. Cluster colors give the proportion of increased or decreased compounds (red = increased, blue = decreased) in each cluster. Chemical enrichment statistics is calculated by Kolmogorov-Smirnov test. Only enrichment clusters are shown that are significantly different at $p < 0.05$.