



**Suppl. Figure 1. Neurodegeneration is associated with altered levels of brain lipids in mice subjected to intermittent fasting.**

Brain region containing *substantia nigra* (SN) were analysed by LC-MS/MS. Heat map reports the levels of detected species of lysophosphatidyl ethanolamine (LPE), lysophosphatidyl ethanolamine (LPE), lysophosphatidyl inositol (LPI), lysophosphatidic acid (LPA), lysophosphatidyl choline (LPC) and sphigomyelin (SM) for each group (asterisk (\*) indicate statistically significant data as reported more in detail in Figure 4).