**Proteome profiling of rat brain cortical changes during early postnatal brain development**

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**LC-MS and MSMS Data Files acquired:**

**L:\PRIV\CPHEA\_PRC\_3\PD backup\Pitzer EB3-Rostral Cortex samples\Orbitrap raw files\20220506 Pitzer EB3-Rostral cortex\_50cm**

The data files “name”.raw and “name”.sld open using the mass spectrometry XcaliburTM (Thermo Fisher Scientific) software. These are the files acquired for this project. -BLK is an instrument blank, -PRTC are prtc peptide standard (Thermo Fisher Scientific) runs performed for quality control, periodically interspersed between the sample groups. The remaining 96 files in this folder are the data files used by Proteome Discoverer (Thermo Fisher Scientific) software for data processing to give the S-Data-Table-1 report.xlsx report. The file structure, sample preparation details and the Proteome Discoverer software settings are described in detail in the documents: Rat Rostral Cortex sample processing worksheet.xlsx, S-Table-Processing.docx, and S-Table-Consensus.docx. The S-Data-Table-1.xlsx report was the source for the final S-Data-Table-2.xlsx supplementary file used in this manuscript.

