

## Supplementary Information

### Proteome dynamics during postnatal mouse corpus callosum development

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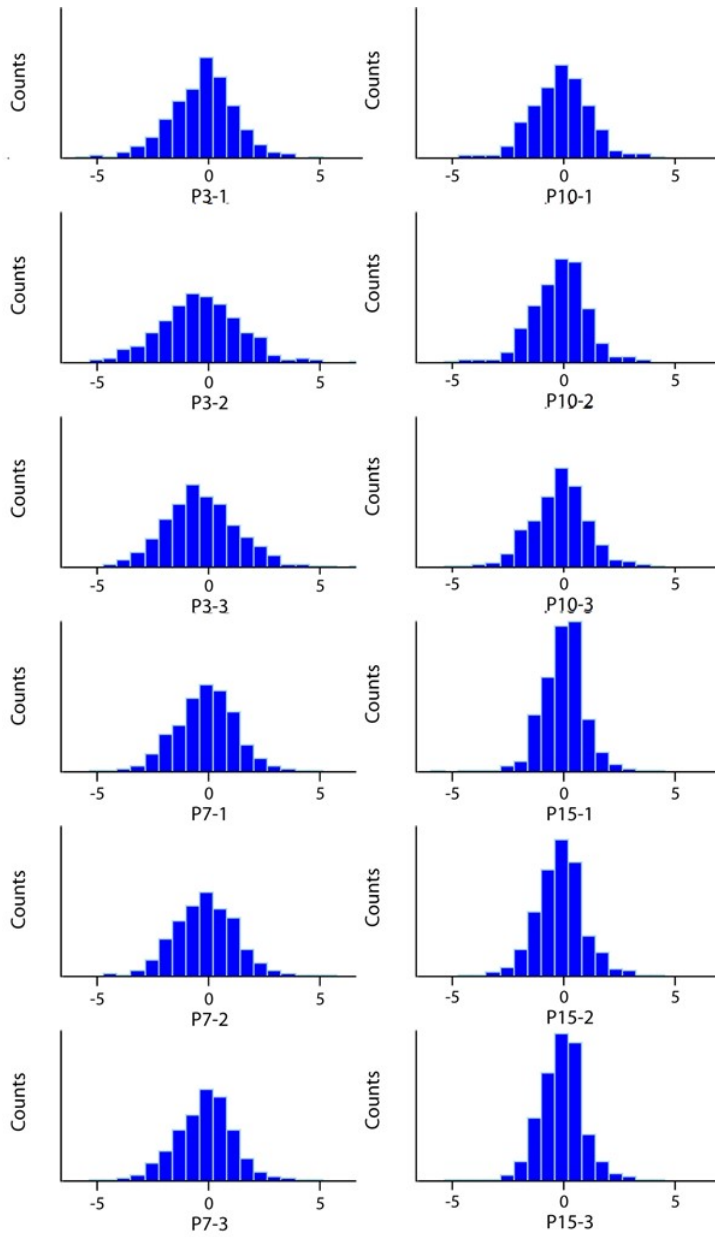
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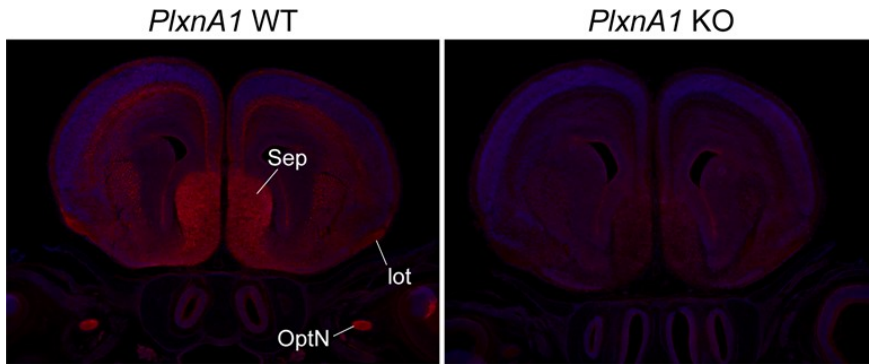
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**Figure S1. Distribution of the protein expression in the postnatal CC.**

The density plot of log<sub>2</sub> transformed SILAC ratio for all identified proteins from each sample.



**Figure S2. Confirmation of the specificity of anti-Pplx1 antibody.**

Immunohistochemistry using rabbit polyclonal anti-Pplx1 antibody on brain sections of *Pplx1* wild-type (WT) and knockout (KO) mice (red). The sections were counterstained with DAPI (blue). Specific labeling is observed in several regions in the WT tissue including the cortical white matter, septum (Sep), lateral olfactory tract (lot) and optic nerve (OptN). No labeling is observed in the KO tissue.

**Table S1. Proteome of postnatal CC samples.**

The values represent log<sub>2</sub> transformed SILAC ratios.

**Table S2. K-means clustering of proteins in the developing CC.**

**Table S3. Functional annotations of proteins in each cluster.**

**Table S4. List of common and unique GO terms between clusters.**

**Table S5. Functional annotation clustering of proteins in each cluster.**