

## ***Supplementary Material***

# **Acetylation modification of Rubisco and GAPDH enzymes in the *Rhododendron chrysanthum* Pall. regulates carbon cycling to resist UV-B stress**

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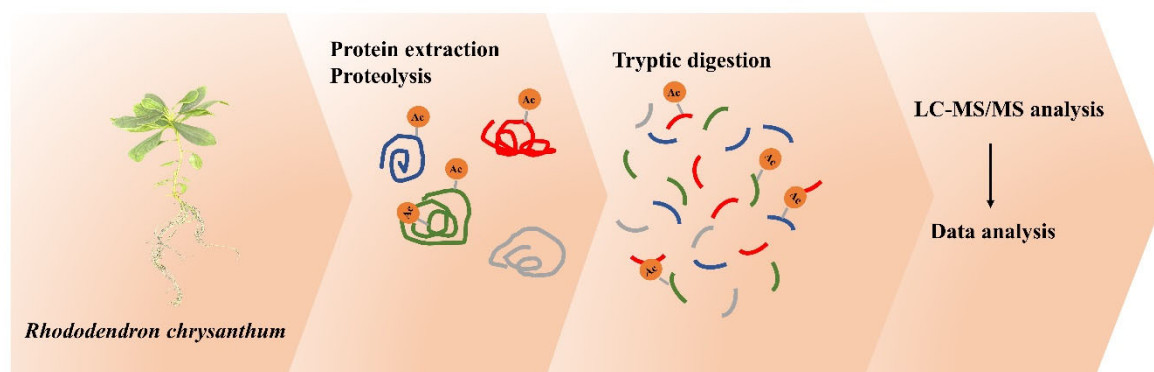
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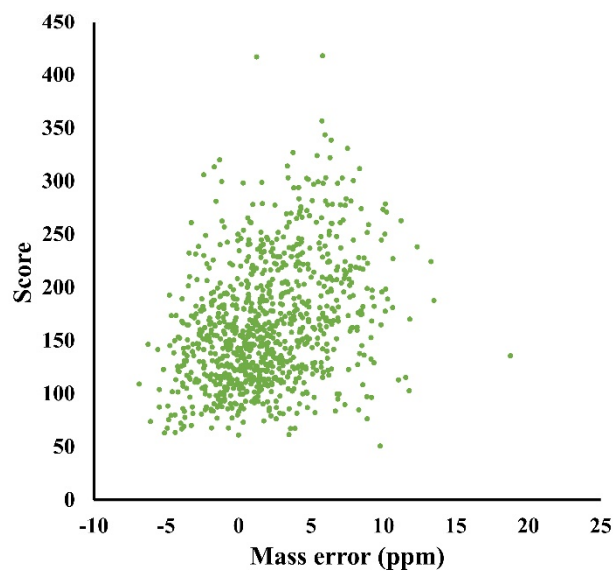
## **1 Supplementary Figures and Tables**

### **1.1 Supplementary Figures**

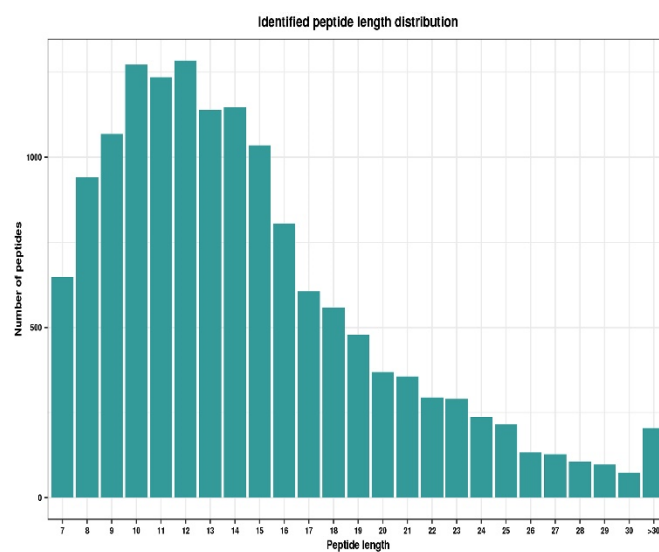
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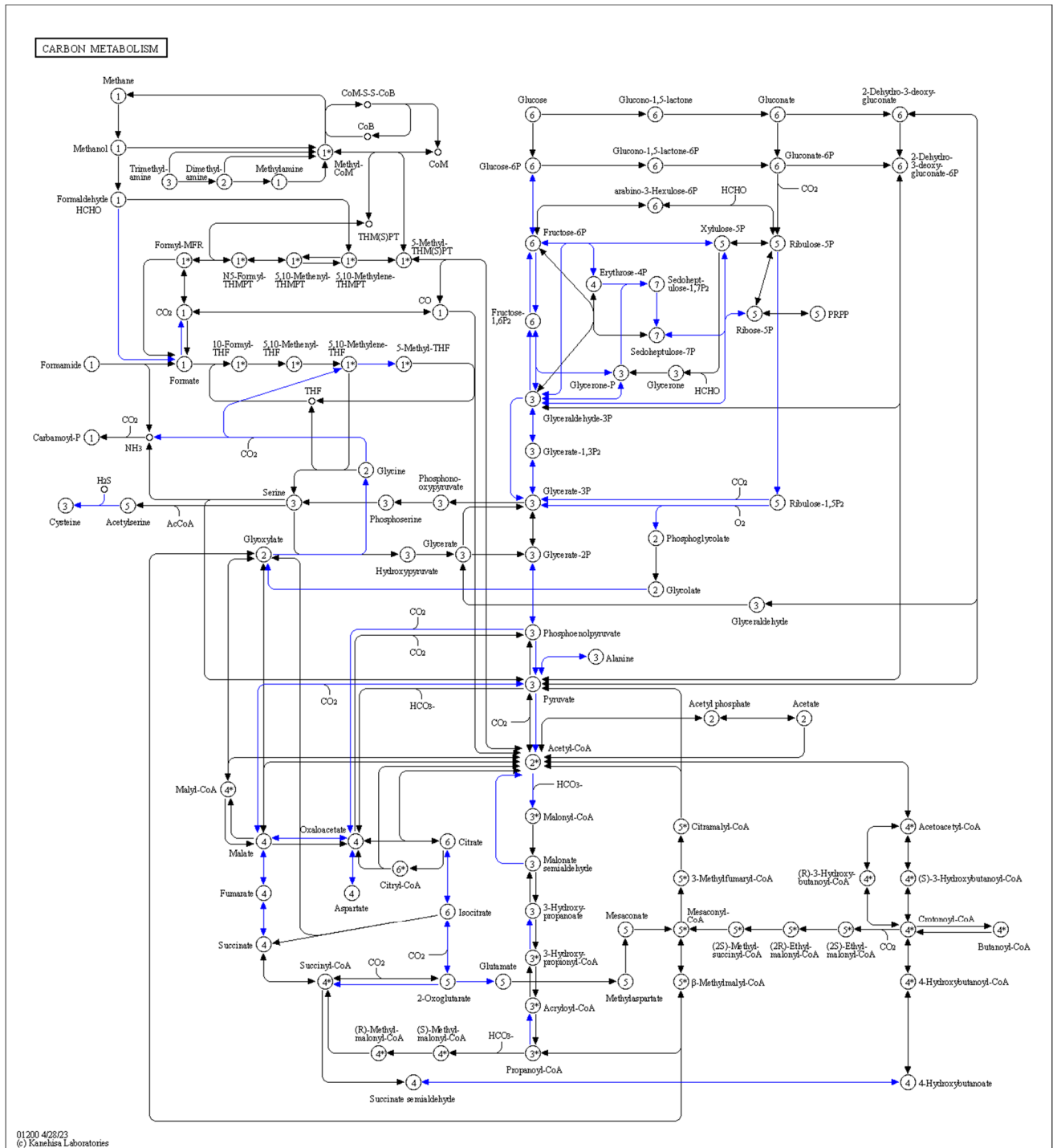
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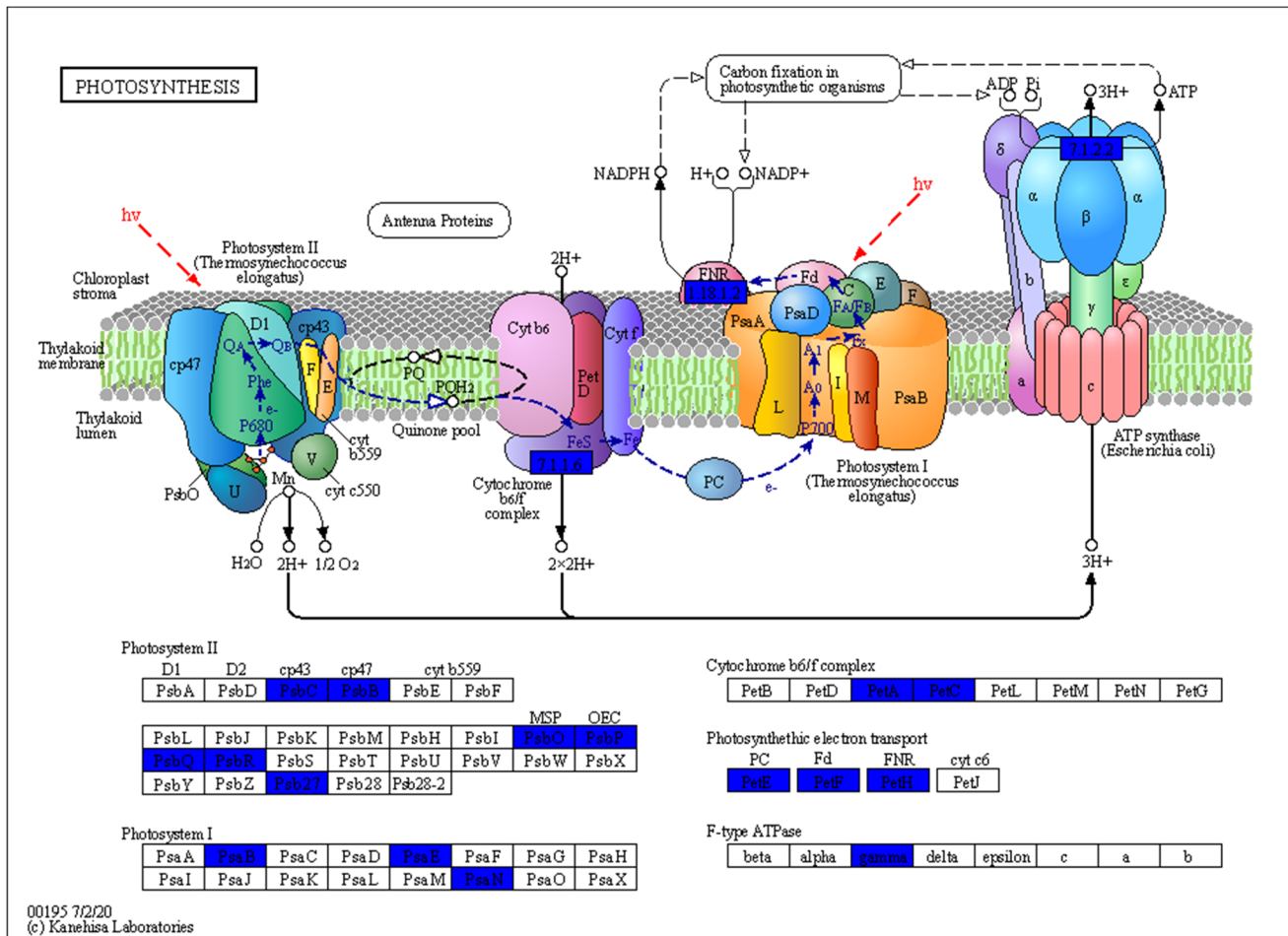
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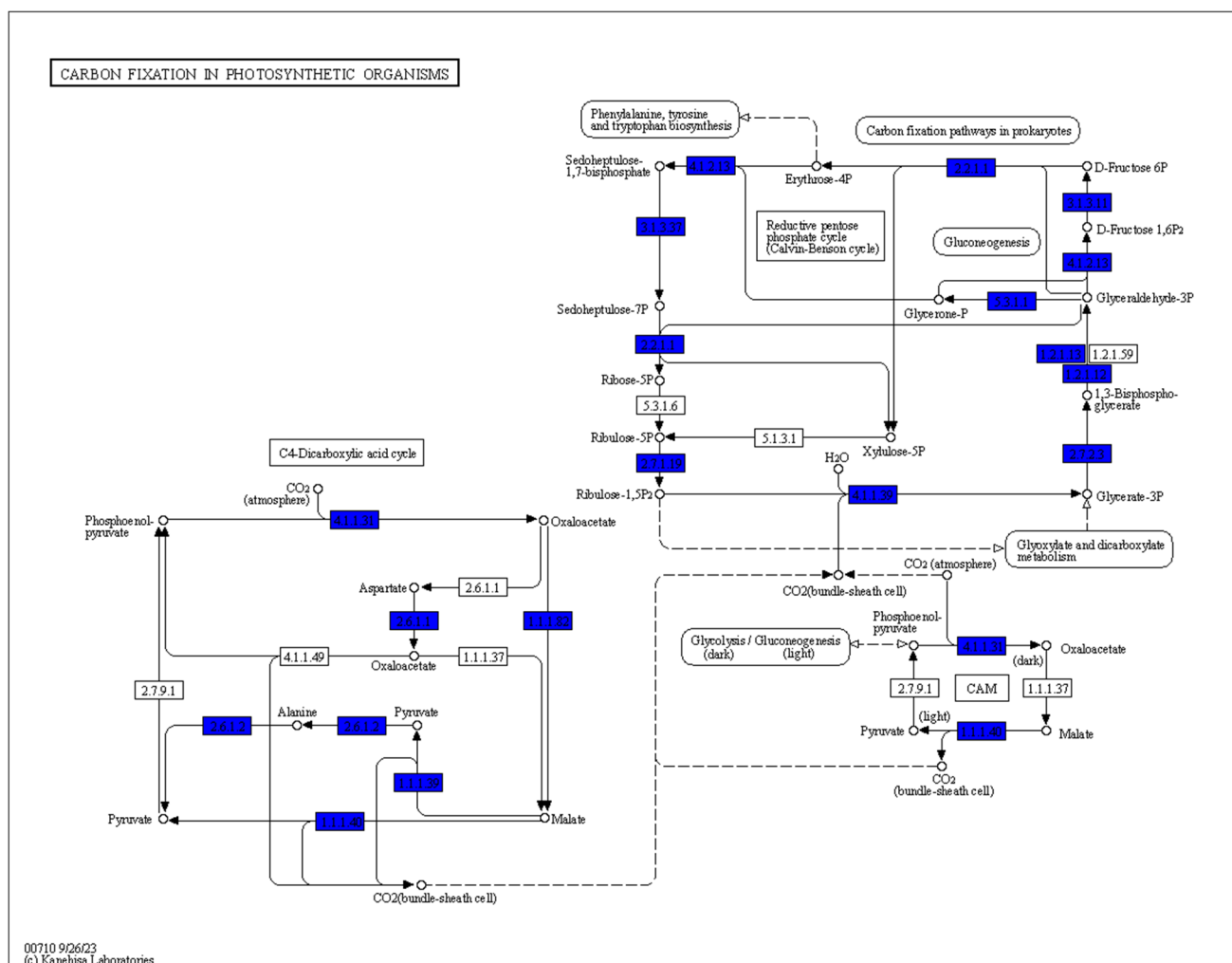
**Figure S1. Identification of lysine acetylation proteome in *Rhododendron chrysanthum*.** (A) 4D-label free experimental flowchart. (B) Mass error distribution of whole identified polypeptides. (C) The length distribution of identified peptide.



**Figure S2.** KEGG pathway enrichment analysis of the acetylated proteins in carbon metabolism. The acetylated proteins are in blue.



**Figure S3.** KEGG pathway enrichment analysis of the acetylated proteins in photosynthesis. The acetylated proteins are in blue.



**Figure S4.** KEGG pathway enrichment analysis of the acetylated proteins in carbon fixation in photosynthetic organisms. The acetylated proteins are in blue.