

Green Light Suppresses Cell Growth but Enhances Photosynthetic Rate and MIB Biosynthesis in PE-Containing *Pseudanabaena*

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Highlights

- MIB biosynthesis is light color-dependent in PE-containing *Pseudanabaena*
- Growth of *P. cinerea* and TCA cycle were promoted under red light
- MIB biosynthesis is co-upregulated with photosynthetic pigments under green light
- <2% of carbon from precursor GPP was allocated for MIB compared to Chl *a*

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