

1 **Supplementary Figure 1.** Clustal W alignment of amino acid sequences surrounding the
2 substituted residue of YGL1 paralogs and bacterial chlorophyll synthase orthologs. Accession
3 number from expasy server (<http://www.expasy.ch/>); synthase type B and C indicate
4 bacteriochlorophyll and chlorophyll synthase, respectively. Motif only in chlorophyll synthase is
5 underlined; the arrow indicates the Pro-198 to Ser change in the *yg11* mutant.

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