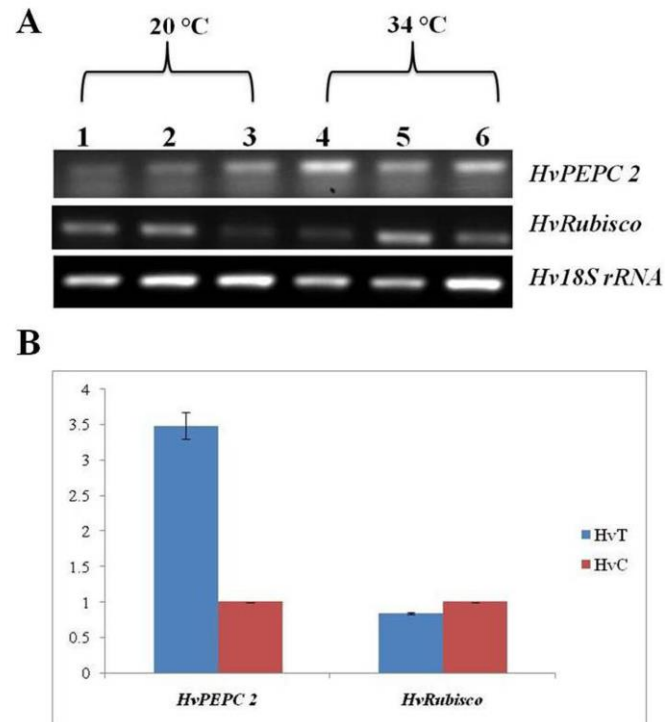
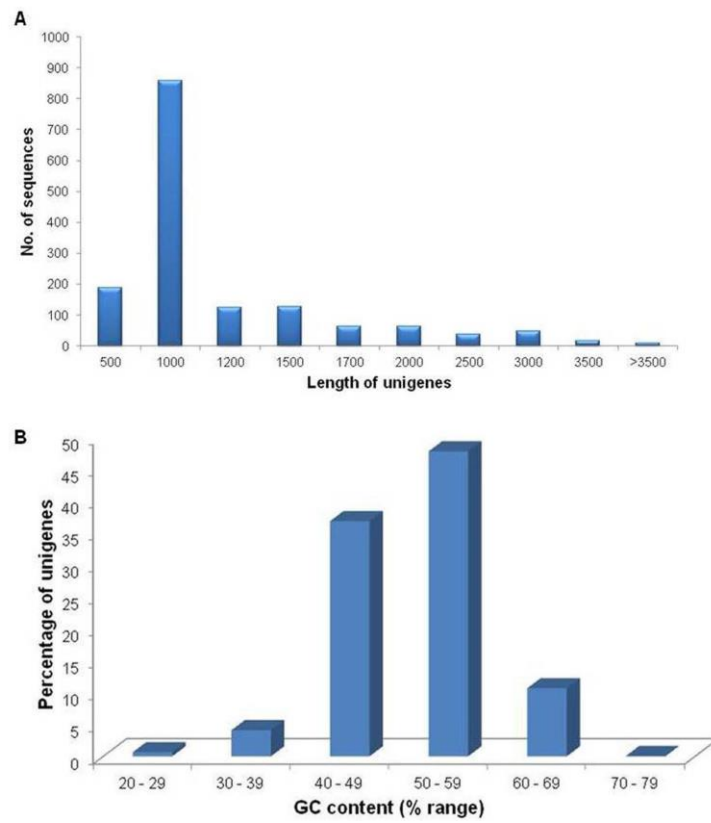


**De novo transcriptome sequencing and analysis of *Hydrilla verticillata* (L.f.) Royle**

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**Fig. S1:** Confirmation of the transition from the C<sub>3</sub> to the C<sub>4</sub> CCM. (a) Gel electrophoresis of semi-quantitative RT-PCR using *PEPC 2* and 18s rRNA gene specific primer. Lane 1-3 D8 to D10 kept at 20°C; Lane 4-6 D8 to D10 kept at 34°C; (b) qRT-PCR expression analysis of *PEPC 2* and *Rubisco* gene expression levels.



**Fig. S2:** Overview of *H. verticillata* transcriptome assembly. (a) Size distribution of the unigenes Y-axis: number of unigenes; X-axis: size in bp; (b) GC content of the unigenes.