



Figure S3. Effects of leaf removal on relative expression of photosynthesis related proteins (A), the corresponding encoding genes (B) in S₂ and relative expression of fatty acid metabolism related proteins (C) and the encoding genes (D) in S₄, compared to S₀ respectively. The gene candidates are selected by proteins which accumulate in photosynthesis and fatty acid biosynthetic process terms in Fig 4. S₀ refers to no leaf removal (control); S₂ and S₄ refer to the removal of two or four uppermost leaves, respectively. Data are means \pm SE (n = 3). * indicate the significant difference at $P \leq 0.05$ level compared to S₀.

