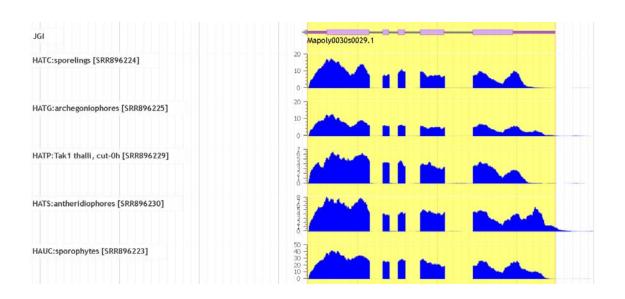


**Supplementary Figure 1.** Multiple amino acid sequence alignments of PSAT and PSP. Amino acid sequences of PSAT and PSP from *A. thaliana* (AtPSAT1 and AtPSP) and *M. polymorpha* (MpPSAT and MpPSP) were aligned.



**Supplementary Figure 2.** *In silico* expression analysis of Mp*PGDH*.

The expression levels of Mp*PGDH* (Mapoly0030s0029.1) are graphically indicated using MarpolBase (http://marchantia.info/).