

Descriptions of Additional Supplementary Files

File Name: Supplementary Dataset 1

Descriptions: List of candidate genes co-localized with SNPs repetitively associated with Φ PSII with an LD window of 100Kb

File Name: Supplementary Dataset 2

Descriptions: Shortlist of prioritized candidate genes potentially underlying quantitative trait loci (QTLs) for photosynthesis acclimation in Arabidopsis.

File Name: Supplementary Dataset 3

Descriptions: List of candidate genes co-localized with SNPs repetitively associated with Φ PSII with an LD window of 20Kb

File Name: Supplementary Dataset 4

Descriptions: List of candidate genes co-localized with SNPs associated with curve parameters of Φ PSII response

File Name: Supplementary Dataset 5

Descriptions: List of candidate genes co-localized with SNPs associated with first principal component of Φ PSII response