

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: All MADS-box genes used in phylogenetic reconstructions.

File name: Supplementary Data 2

Description: The body-methylated genes and their methylation levels in BF4.

File name: Supplementary Data 3

Description: The body-methylated genes and their methylation levels in BM4.

File name: Supplementary Data 4

Description: The body-methylated genes and their methylation levels in F4.

File name: Supplementary Data 5

Description: The body-methylated genes and their methylation levels in M4.

File name: Supplementary Data 6

Description: Genes with significant differences in both methylation levels and expression levels in M4 vs. F4.

File name: Supplementary Data 7

Description: Genes with significant differences in both methylation levels and expression levels in BM4 vs. BF4.

File name: Supplementary Data 8

Description: Annotation of genes with difference in both expression and methylation in M4 vs. F4 and BM4 vs. BF4.

File name: Supplementary Data 9

Description: HD-ZIP IV genes used in phylogenetic reconstruction.

File name: Supplementary Data 10

Description: All plant hormone contents.

File name: Supplementary Data 11

Description: Primers used in this study.

File name: Supplementary Data 12

Description: The numerical source data supporting both main and supplementary figures.