

THREE DIFFERENT AND TISSUE-SPECIFIC NAD-MALIC ENZYME GENERATED BY ALTERNATIVE SUNUNIT ASSOCIATION IN ARABIDOPSIS THALIANA*

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SUPPLEMENTARY FIGURE LEGENDS

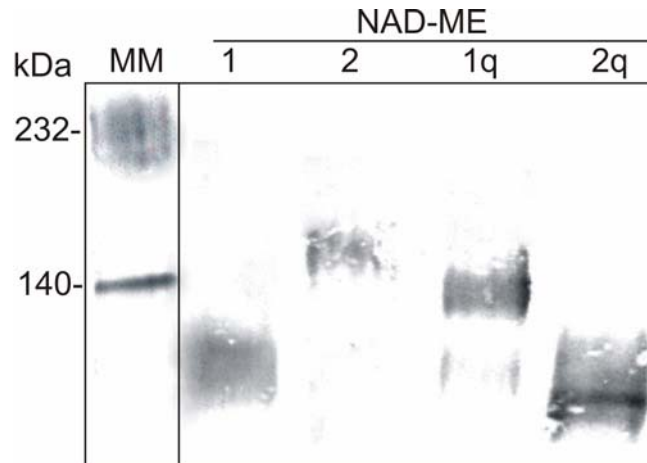
Supplementary Fig. 1. Native PAGE of chimeric NAD-MEs.

Coomassie Blue-stained native-PAGE of recombinant NAD-ME1, NAD-ME2, NAD-ME1q and NAD-ME2q. Approximately 10 µg of each purified enzyme were loaded. Molecular weight markers (MM) were run in parallel.

Supplementary Fig. 2. Expression analysis of NAD-ME in inflorescence by GUS staining.

Analysis of *NAD-ME1::GUS* and *NAD-ME2::GUS* expression in Arabidopsis inflorescence. *NAD-ME1* is expressed in the filaments, vasculature of sepals and apical part of the gynoecium; while GUS expression driven by the *NAD-ME2* promoter was found in the filaments, apical part of the gynoecium and mature pollen grains. Construction of *NAD-ME::GUS* gene fusions, plant transformation and histochemical analysis of GUS activity were performed as described in (12).

Supplementary Figure 1



Supplementary Figure 2

