**Supplemental Data 1. Alignment of plant GME coding sequences used in this study**

>AcGME

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>AdGME

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>AeGME

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>AhGME

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>AmhGME

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>AmtGME

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>AncGME-1

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>AncGME-2

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>AtGME

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>BdGME-1

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>BdGME-2

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>BrGME-1

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>SiGME-3

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>SmGME-1

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>SpGME-1

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>SpGME-3

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