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Overexpression of *Arabidopsis* VIT1 Increases Accumulation of Iron in Cassava Roots and Stems

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Highlights

- *AtVIT1* overexpression showed 3-4 times increase in cassava storage root iron concentration.
- *AtVIT1* transgenic cassava plants localize iron in and near the vascular tissues.
- *AtVIT1* transgenic cassava plants have altered expression of genes involved in iron homeostasis.
- *AtVIT1* overexpression indicates a potential strategy for iron biofortification in food crops.

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