## **Supplementary Information**

**Table S1.** Identity analysis of the six cell wall invertase coding sequences and their predicted amino acid in cassava.

Amino acid	Nucleotides identity					
identity	MeCWINV1	MeCWINV2	MeCWINV3	MeCWINV4	MeCWINV5	MeCWINV6
MeCWINV1	-	56.90%	59.86%	60.00%	57.41%	57.82%
MeCWINV2	48.25%	-	60.64%	59.01%	86.77%	81.70%
MeCWINV3	53.16%	57.80%	-	82.96%	61.19%	59.83%
MeCWINV4	52.65%	53.60%	77.93%	-	60.10%	58.50%
MeCWINV5	50.83%	80.38%	57.98%	54.42%	-	79.47%
MeCWINV6	50.58%	77.78%	55.31%	51.11%	74.70%	-

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