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# ***ZmNST3* and *ZmNST4* are Master Switches for Secondary Wall Deposition in Maize (*Zea mays* L.)**

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## **Highlights**

- *ZmNST3* and *ZmNST4* were secondary wall related NAC transcriptional factors of maize.
- *ZmNST3* and *ZmNST4* are master switches in maize internode secondary wall development process
- *ZmNST3* and *ZmNST4* play roles via regulation secondary wall related MYBs, such as *ZmMYB109*, *ZmMYB128* and *ZmMYB149*.

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