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Exceptional

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Absence of detectable transgenes in local landraces of maize in Oaxaca, Mexico (2003-2004).

Ortiz-García S, Ezcurra E, Schoel B, Acevedo F, Soberón J, Snow AA

Proc Natl Acad Sci U S A 2005 Aug 30 **102**(35):12338-43 [[abstract on PubMed](#)][[citations on Google Scholar](#)] [[related articles](#)] [[full text](#)] [[order article](#)]Selected by | [Niklaus Ammann](#)

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Faculty Member

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PLANT BIOLOGY Confirmation

Comments

This is a very comprehensive negative confirmation of the long debated gene flow issue in Mexican maize in the region of Oaxaca, which has been in debate ever since the controversial paper of Chapela et al. in Nature {1}. No transgenic sequences were detected with highly sensitive PCR-based markers, appropriate positive and negative controls, and duplicate samples for DNA extraction. The author team concludes that transgenic maize seeds were absent, or extremely rare, in the sampled fields. {1} Quist & Chapela, *Nature* 2001, 414:541-3 [[PMID:11734853](#)].

Evaluated 25 Nov 2005

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