



evtqvttUK dmtj i eZgvb Ae-v

“ISAAA Gi dmj Re chj³ i nek; Avb tK; KZR i wPZ Dbqbkj
t tki Kw -%Re chj³ DTMetbi nek; cwi w³zi mvisk”
www.isaaa.org; www.bdbic.org; bdbic@googlegroups.com; info@isaaa.org



btfa 14, 12 Bs

wktj vbg	
Lei	AvndKv BMGF, Tanzania tZ tiw cZti vax Kvmvfi Riv D TM eb
	Avtgwi Kv GE UtgtUv B`ji i tM-ubi vgg Kti Kvj tdmvqvi tfvUvi iv GE Lv`i tj tfij s tK bv Kti tQb
	Mtel Yv EvaI Gi Overexpression Avj j fvBim Y cZti vax Pxtbi weAvbxt`i weU avtbi mbv ³ KiY bZb cxwZ
Beyond Crop Biotech Gene study sparks potential biotech applications	

we-wi Z

AvndKv
BMGF, Tanzania tZ tiw cZti vax Kvmvfi Riv DTMeb
 ZvbwRwbqvi Ministry of Agriculture, Food Security and Cooperatives (MAFC), wej -tMUm cZovb Ges wefba tki mi Kvix l temi Kvix cZovbmgv wgtj Kvmvfi bZb GKw Riv DTMetbi Rb` wZbw bZb cKí`ii` Kti tQ hvj dtj GB bZb DTMwe` Rivw Kvmvfv tgvRvBK fvBim Ges Kvmvfv etBb ÷tK tiw cZti va %ewkó` cB nte| Pvlxv GB RivwJi exR mtR Zvt`i nvzi Kv tQ cvte|
 For more information, visit http://www.iita.org/2012-press-releases/-/asset_publisher/Cx47/content/tanzania-gates-foundation-and-partners-launch-3-new-initiatives-to-tackle-deadly-cassava-disease?redirect=%2F2012-press-releases

Avtgwi Kv
GE UtgtUv B`ji i tM-ubi vgg Kti
 m³UZ weAvbiv GKw tRtbwKvjx gwWdvBW UtgtUvi Riv DTMeb Kti tQb, hv cU wGK chfjeb wntmte B`ji i A`wUAw tWU fvgZv ep` Kitz, wUDgvi nlqv nwm Kitz Ges mtefcwi it³i GBP.wv.Gj tKvtjtóij (HDL-Cholesterol) ep`tZ e`envi Kiv ntqtQ Ges mflg ntqtQ|
 Read the original article at <http://newsroom.heart.org/pr/aha/genetically-engineered-tomatoes-239560.aspx>

K`vj tdmvqvi tfvUvi iv **GE Lv`i** tj tfij s tK bv Kti tQb
 m³cZ K`vj tdmvqvtZ tRtbwKvjx gwWdvBW Lv`i c`vtKtUi Dci tRtbwKvjx gwWdvBW bvgKtibi cUve wbtq RbMtbi gZvgZ Mhb Kiv nq thLvfb 53.1% RbMb bvgKtibi wectfj Zvt`i m³UZ cUvb Kti tQb Avi evKx 46.9% RbMb bvgKtibi ctfl cUve tck Kti b|
 Detailed info, see the story at <http://www.latimes.com/business/money/la-fi-mo-genetically-engineered-food-labeling-20121107,0,2597051.story> and background info and ref at [http://ballotpedia.org/wiki/index.php/California Proposition 37, Mandatory Labeling of Genetically Engineered Food \(2012\)](http://ballotpedia.org/wiki/index.php/California Proposition 37, Mandatory Labeling of Genetically Engineered Food (2012))

Mtel Yv

EvaI Gi Overexpression Avj j fivBivm Y cÖZtivax

m=cÖZ A`itiwi Kvi weÁvbxiv eb` UtgtUvi GKwU wRb wmtKvtqY KtiQ thU Avj j fivBivm Y (PVY) we`ivax `enkó` cKvk Kti | GLvfb Dtg L` th, PVY fivBivm UtgtUvi wJDev`ii _bv_b n`tm ¶wZKi tKw`q fvgKv cvj b Kti |

Download the complete paper at Transgenic Research journal: http://download.springer.com/static/pdf/859/art%253A10.1007%252Fs11248-011-9576-9.pdf?auth66=1352875769_7ade04ae131a7045c2110f97bc626c1e&ext=.pdf

Pxtbi weÁvbx` i weWU avtbi mbv³KiY bZb c×wZ

Pxtbi weÁvbxiv weWU avtbi RvZ mg`ni mbv³Ki`bi bZb GKwU cby³ DTMeb KtiQb hvi gva`tg UvtMØ wW.Gm.G. 1 wguWtbi gta` mbv³ Kiv hvq Ges thU w.c.wm.Avi. tUKwbK t`tK A`bK mvtq` Ges mgq Dc`thvMx | bZb cby³WU bvg nt`Q j`c tgvWtqtUW AvBtmv _vi guj A`v`úwj wdtKkb (LAMP: Rapid Loop-mediated isothermal amplification) |

Read the open-access article published at the *International Journal of Molecular Sciences*: <http://goo.gl/pxO0q>

Beyond Crop Biotech

Gene study sparks potential biotech application

A`otj qvi Kgb l`tqj _ weÁvb l w`kí Mtel Yv ms`v evtqvtbvj wR Ub e`envti Kti wRb Awme`vi KtiQb hv K`yYvi Ges RxebycÖZtivax Ki`Z m`¶g Ges Ab`vb` ewYwR`K c`qvtM l hvi e`envi i`tqtQ | GB wRbwU GKwU d`wU GumW wb:mi b Kti hvi bvg WwBnvBtW`g`wU`Kwi qv GumW (DHMA: Dihydromatricaria Acid) |

Details, visit <http://www.csiro.au/Portals/Media/Gene-find-turns-soldier-beetle-defence-into-biotech-opportunity.aspx>

ISAAA (International Service for the Acquisition of Agri-biotech Applications)

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www.bdbic.org: বাংলাদেশ বায়োটেকনোলজি তথা কৃষি কল্যাণ সঙ্কলন বাবদ সংস্থা

www.isaaa.org: ISAAA সম্পর্কে সবকিছু তথ্য, Crop Biotech Update: বায়োটেক কল্যাণের বিশ্ব পরিদর্শিতর সংস্থা

www.agbios.com: কৃষি বায়োটেকনোলজি সংস্থা

bdbic@googlegroups.com: বাংলাদেশ বায়োটেকনোলজি তথা কৃষি কল্যাণ সঙ্কলন বাবদ সংস্থা গ্রুপ মেইল

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