

2026

Tsednee, M., Hsu, C.Y., Sakamoto, S., Mitsuda, N., Tsolmon, B., [Chan, M.T.](#) and Yeh, C.M.*

Comparative metabolomic analysis in roots of natural and cultivated *Astragalus membranaceus* in Mongolia.. *Botanical Studies* , 67:3 DOI: 10.1186/s40529-026-00490-6

Huang, P.J., Huang, C.W., Cai, Z.R., Chen, Y.Z., Ting, H.M., Lin, Y.P. Lin, W.C., Ohme-Takagi, M., Sukma, D., Cheng, C.P., Wang, S.J., Yeh, K.W., [Chan, M.T.](#) *

Piriformospora indica volatile organic compounds enhance *Arabidopsis* root growth by modulating iron deficiency responses via a NO-regulated pathway. . *Plant Stress* , 19:101259 DOI:10.1016/j.stress.2026.101259

2025

Cai Zhen-Rong, Sukma Dewi, [Chan Ming-Tsair](#) *

Balancing nature and technology: enhancing flowering in ornamental plants. *Botanical Studies* , 66(1), 41

Balladona Freta Kirana, Li Chia-Wen, Lin Yao-Cheng, Cai Zhen-Rong, Lan Tsun Ho, Ohme-Takagi Masaru, Sukma Dewi, [Chan Ming-Tsair](#) *

SlbHLH053 and AtMSRB5 synergistically enhance salt tolerance in transgenic tomatoes. *Plant Stress* , 18, 101029

Ochatt, S.J., Akin, M., [Chan, M.-T.](#)., Dolgov, S.V., Eimert, K., Flachowsky, H., Guo, W.W., Jiménez, M.V., Lambardi, M., Moncaleán, P., Mourão Filho, F.A.A., Pathirana, R., Wang, Q.C., and Winkelmann, T,

Research is rendering the recalcitrant woody plants amenable to biotechnological approaches.. *Plant Cell Tissue and Organ Culture* , 161:1-7. DOI: 10.1007/s11240-025-03087-2

2024

Lu, H.C., Huang, C.-W., Mimura, T., Sukma, D., and [Chan, M.-T.](#).*

Temperature-regulated Flowering Locus T Like gene coordinates the spike

initiation in Phalaenopsis orchid.. *PLANT AND CELL PHYSIOLOGY* , 16, 405-419

Lin Jer-Young, Liu Yu-Chang, Tseng Yan-Hao, [Chan Ming-Tsair](#) *, Chang Ching-Chun*

TALE-based organellar genome editing and gene expression in plants. *Plant Cell Reports* , 43(3), 61

Sanjaya I Putu Wahyu, Sudarsono , [Chan Ming-Tsair](#) , Sukma Dewi, Buchori Ade, Putra Raihan Permana, Nurcholis Waras

D-optimal Design Optimization of Solvent Mixture for Flavonoid Extraction from Phalaenopsis Leaves with Antioxidant Activity. *Journal of Pharmacy and Bioallied Sciences* , 16(1), 1-7

2023

Cai, Y.S. Cai, J.L., Lee, J.T., Li, Y.M., Freta Kirana Balladona, F.K., Sukma, D., and [Chan, M.T.](#) *

Arabidopsis AtMSRB5 functions as a salt-stress protector for both Arabidopsis and rice. *Frontiers in Plant Science* , 14, 1072173

Bayubaskara, M.F., Ohme-Takagi, M., and [Chan, M.T.](#) *

Optimal culture conditions of Piriformospora indica for volatile compound release to promote effective plant growth. *PLANT BIOTECHNOLOGY* , 40, 117-121

2022

Ochatt, S.J., Beruto, M.I., [Chan, M.T.](#) , Prestwich, B.M.D., Eimert, K., Maurizio Lambardi, M., and Winkelmann, T.

Biotechnology of ornamental plants: when beauty joins science—preface from the editors.. *Plant Tissue and Organ Culture* , 149, 497-502

Yang, C.L., Huang, Y.T., Schmidt, W., Klein, P., [Chan, M.T.](#) and Pan, I.

Ethylene Response Factor109 Attunes Immunity, Photosynthesis, and Iron Homeostasis in Arabidopsis Leaves.. *Frontiers in Plant Science* , 13, 492

2021

Sanjaya, I.P.W., Sudarsono, [Chan, M.T.](#), and Sukma, D.

Relationship of resistance-related enzyme activities and salicylic acid contents in Phalaenopsis species with different levels of resistance to Dickeya dadantii.. *Journal of Horticulture Research* , 29, 31-34

Sukma, D., Elina, J., Raynalta, E., Aisyahi, S., Aziz, S.A., Sudarsono, and [Chan, M.T.](#)

Analysis of genetic diversity in Phalaenopsis orchids with single nucleotide polymorphisms and SNAP markers derived from the Pto Gene.. *SABRAO Journal of Breeding & Genetics* , 53, 620-632

2020

Sanjaya, I.P.W., Sukma, D., Sudarsono, and [Chan, M.-T.](#)

Effect of genotype, concentration and timing of salicylic acid application to Phalaenopsis against Dickeya dadantii infection.. *Biodiversitas Journal of Biological Diversity* , 21, 4317-4324

Tsai, H.J., Shao, K.H., [Chan, M.T.](#) Cheng, C.P., Yeh, K.W., Oelmüller, R., and Wang, S.J.*

Piriformospora indica symbiosis improves water stress tolerance of rice through regulating stomata behavior and ROS scavenging systems.. *Plant Signaling & Behavior* , 15, 1722447

2019

Karolina Heyduk, Michelle Hwang, Victor A. Albert, Katia Silvera, Tianying Lan, Kimberly M. Farr, Tien-Hao Chang, [Ming-Tsair Chan](#), Klaus Winter, and Jim Leebens-Mack*

Altered Gene Regulatory Networks Are Associated With the Transition From C3 to Crassulacean Acid Metabolism in Erycina (Oncidiinae: Orchidaceae). *Frontiers in Plant Science* , 1.763888889

2018

Kah Wee Koh, Shu-Hong Lee, Ho-Ku Chen, Chia-Yen Chang, and [Ming-Tsair Chan](#) *

Phalaenopsis flowering locus VE regulates floral organ maturation. *Plant Cell Reports* , 37(3), 467-482

2017

Hsiao, P.-Y., Cheng, C.-P., Koh, K.W. and [Chan, M.-T.](#) *

The Arabidopsis defensin gene, AtPDF1.1, mediates defence against Pectobacterium carotovorum subs. carotovorum via an iron-withholding defence system.. *SCIENTIFIC REPORTS* , 6.663194444

Lai, C.-P., Huang, L.-M., Chen, L.-F.O., [Chan, M.-T.](#) , and Shaw, J.-F.*

Genome-wide analysis of GDSL-type esterases/lipases in Arabidopsis. *Plant Molecular Biology* , 95(1-2),181–197

2016

Chen, HM., Lin, CY ., Tsai, WS., Kenyon, L ., [Chan, MT](#) ; Yen, JY., Chang, SY ., de la Pena, R., and Schafleitner, R.,

Resistance to viral yellow leaf curl in tomato through RNAi targeting two Begomovirus species strains. *JOURNAL OF PLANT BIOCHEMISTRY AND BIOTECHNOLOGY* , 25, 199-207

Ting, C.-K., Lin, C.-S., [Chan, M.-T.](#) , Chen, J.-W., Chuang, S.-Y., Huang, S.-Y.*

A Genetic Algorithm for Diploid Genome Reconstruction Using Paired-End Sequencing. *PLoS ONE* , 11(11),e0166721

2015

Ruhlman, T.A.#, Chang, W.-J#., Chen, J.J.W.#., Huang, Y.-T.#, [Chan, M.-T.](#) , Jin Zhang, Liao, D.-C., Blazier1, J.C., Jin, X., Shih, M.-C., Robert K Jansen, R.K., and Lin, C.S.*

NDH expression marks major transitions in plant evolution and reveals coordinate intracellular gene loss. *BMC Plant Biology* , 15, 100

Lin, C.S.*; Hsu, C.T., Liao, D.C., Chang, W.J., Chou, M.L., Huang, Y.T., Chen, J.J.W, Ko, S.S., [Chan, M.T.](#), and Shih, M.C.*

Transcriptome-wide analysis of the MADS-box gene family in the orchid

Erycina pusilla. *Plant Biotechnology Journal* , 14(1), 284-298

Lin, C.-S*#, Chen, J. J.-W. #, Huang, Y.-T. #, [Chan, M.-T.](#) , Daniell, H. #., Chang, W.-J., Hsu, C.-T., Liao, D.-C., Wu, F.-H., Lin, S.-Y., Liao, C.-F., Deyholos, M.K., Wong, G. K.-S, Albert, V.A., Chou, M.-L., Chen, C.-Y., and Shih, M.-C.*

The location and translocation of ndh genes of chloroplast origin in the

Orchidaceae family. *Scientific Reports* , 5, 9040

2014

Adin, G., Yucel, M., [Chan, M.-T.](#) and Oktem, H.A.*

Evaluation of abiotic stress tolerance and physiological characteristics of potato (*Solanum tuberosum* L. cv. Kennebec) that heterologously expresses the rice *Osmyb4* gene. . *Plant Biotechnology Reports* , 8, 295-304

Ko, S.-S.*; Li, M.-J., Ku, M. S.-B., Ho, Y.-C., Lin, Y.-J., Chuang, M.-H., Hsing, H.-X., Lien, Y.-C., Yang, H.-T., Chang, H.-C., and [Chan, M.-T.](#)

The bHLH142 transcription factor coordinates with TDR1 to modulate the expression of EAT1 and regulate pollen development in rice. *Plant Cell* , 26, 2486-2504

Lee, S.-H., Li, C.-W., Koh, K.W., Chuang, H.-Y., Chen, Y.-R., Lin, C.-S., and [Chan, M.-T.](#)

MSRB7 reverses oxidation of GSTF2/3 to confer tolerance of *Arabidopsis thaliana* to oxidative stress. *Journal of Experimental Botany* , 65, 5049-5062

Koh, K. W., Lu, H.-C., and [Chan, M.-T.](#) *

Virus resistance in orchids. *Plant Science* , 228, 26-38

Lee, S.-H., Li, C.-W., Liao, C.-H., Chang, P.-Y., Liao, L.-J., Lin, C.-S., and [Chan, M.-T.](#)

Establishment of an Agrobacterium-Mediated Genetic Transformation

Procedure for the Experimental Model Orchid *Erycina pusilla* . *PLANT CELL TISSUE AND ORGAN CULTURE* , 120, 211-220

2013

Lin, C.-S., Chen, J.J.-W., Huang, Y.-T., Chen-Tran Hsu, C.-T., Lu, H.-C., Chou, M.-L., Chen, L.-C., Liao, D.-C., Yeh, Y.-Y., Chang, S.-B., Shen, S.-C., Wu, F.-H., Shih, M.-C., and [Chan, M.-T.](#)

Catalog of *Erycina pusilla* miRNA and categorization of reproductive phase-related miRNAs and their target gene families. *Plant Molecular Biology* , 82(1-2), 193-204

Li, C.-W., Lee, S.-H., and [Chan, M.-T.](#)*

Utilization of the plant methionine sulfoxide reductase B genes as selectable markers in *Arabidopsis* and tomato transformation . *PLANT CELL TISSUE AND ORGAN CULTURE* , 113(3), 555-563

Chou, M.-L., Shih, M.-C., [Chan, M.-T.](#) , Liao, S.-Y., Hsu, C.-T., Huang, Y.-T., Chen, J. J.-W., Liao, D.-C., Wu, F.-H., and Lin, C.-S.*

Global transcriptome analysis and identification of a CONSTANS-like gene family in the orchid *Erycina pusilla*. *Planta* , 237(6), 1425-1441

2012

I-Chun Pan, I.-C., Liao, D.-C., Wu, F.-H., Daniell, H., Singh, N.D., Chang, C., Ming-Che Shih, M.-C., [Chan, M.-T.](#) ,* and Lin, C.-S.*

Complete chloroplast genome sequence of an orchid model plant candidate: *Erycina pusilla* apply in tropical *Oncidium* breeding. *PLoS One* , 7, e34738

F.-M. An , [M.-T. Chan](#) *.

Transcriptome-wide characterization of miRNA-directed and non-miRNA-directed endonucleolytic cleavage using degradome analysis under low ambient temperature in *Phalaenopsis aphrodite* subsp *Formosana*. *Plant & Cell Physiology* , 53, 1737-1750

C.-W. Li, S.-H. Lee, P.-S. Chieh, C.-S. Lin, Y.-C. Wang, [M.-T. Chan](#) *

Arabidopsis root-abundant cytosolic methionine sulfoxide reductase B genes MsrB7 and MsrB8 are involved in tolerance to oxidative stress. *Plant & Cell Physiology* , 53, 1707-1719

2011

Li, C.-W., Sanjaya, Hsieh T.-H., You, S.-J., and [Chan, M.-T.](#) *

Tomato RAV transcription factor is a pivotal modulator involved in the AP2/EREBP-mediated defense pathway. *Plant Physiology* , 156, 213–227.

Hsu, C.-T., Liao, D.-C., Wu, F.-H, Shen, S.-C., Chou, S.-L., Yang, C.-H., [Chan, M.-T](#) *, Lin, C.-S.*

Integration of molecular biology tools to obtain flowers abundantly expressed gene information in Oncidium Gower Ramsey . *BMC Plant Biology* , 11, 60

An, F.-M. An, Hsiao, S.-R., and [Chan, M.-T.](#) *

Sequencing-based approaches reveal low ambient temperature-responsive and tissue-specific microRNAs in Phalaenopsis orchid. *PLoS One* , 6(5), e18937

2010

Wu, F.-H., [Chan, M.-T.](#) , Liao, D.-C., Hsu, C.-T., Lee, Y.-W., Duvall, M.R. Daniell, H. and Choun-Sea Lin, C.S.*

The complete chloroplast genome of Oncidium Gower Ramsey and evaluation of the chloroplast region for plant identification and breeding. *BMC Plant Biology* , 10, 68

Lin, K.-H., Lin, C.-H., [Chan, M.-T.](#) , and Lo, H.-F.*

Identification of flooding-response genes in eggplant roots by suppression subtractive hybridization. *Plant Molecular Biology Reporter* , 28, 212–221

Chan, Y.-L., Cai, D., [Chan, M.-T.](#) and Yeh, K.-W.,*

Adverse effect of the chitinolytic enzyme PjCHI-1 in transgenic tomato on egg mass production and embryonic development of *Meloidogyne incognita*. *Plant Pathology* , 59, 922–930.

Yuan-Li Chan, Ai-Hwa Yang, Jen-Tzu Chen, Kai-Wun Yeh, [Ming-Tsair Chan](#) *

Heterologous expression of taro cystatin protects transgenic tomato against *Meloidogyne incognita* infection by means of interfering sex determination and suppressing gall formation. *Plant Cell Reports* , 29, 231-238

Hsieh, T.-H., Li, C.-W., Su, R.-C., Sanjaya, Cheng, C.-P., Tsai, Y.-C., [Chan, M.-T.](#) *

A tomato bZIP transcription factor, SIAREB, is involved in water deficit and salt stress response. *Planta* , 231(6), 1459-1473

Pan, I.-C., Li, C.-W., Su, R.-C., Cheng, C.-P., and [Chan, M.-T.](#) *

Ectopic expression of an EAR motif deletion mutant of SIERF3 enhances tolerance to salt stress and *Ralstonia solanacearum* in tomato. *Planta* , 232, 1075–1086

2009

Fu-Hui Wu, Shu-Chen Shen, Lan-Ying Lee, Shu-Hong Lee, [Ming-Tsair Chan](#) and Choun-Sea Lin*

Tape-Arabidopsis Sandwich - a simpler Arabidopsis protoplast isolation method. *Plant Methods* , 5, 16

2008

Hong, Y.-F, Liu, C.-Y., Cheng, K.-J., Hour, A.-L., [Chan, M.-T.](#) , Tseng T.-H., Chen, K.-Y., Shaw, J.-F., and Yu, S.-M.*

The sweet potato sporamin promoter confers high-level phytase expression and improves organic phosphorus acquisition and tuber yield of transgenic potato. *Plant Molecular Biology* , 67, 347–361

Sanjaya, Hsiao, P., Su, R.-C., Ko, S.-S., Tong, C.-G., Yang, R.-Y. and [Chan, M.-T.](#) *

Overexpression of Arabidopsis tryptophan synthase beta 1 (AtTSB1) in Arabidopsis and tomato confers tolerance to cadmium stress and protects

plants against lipid peroxidation and enhanced nutritional quality. *Plant Cell & Environment* , 31(8), 1074-1085

Sanjaya, Chia-Wen Li, and [Chan, M.-T.](#)*

Non-antibiotic selection marker genes in plant transformation: present and future prospects. *Current Topics in Plant Biology* , 9, 69-78

2007

da Silva, J. A. T., Giang, D.T.T. [Chan, M.-T.](#), Sanjaya, Norikane, Chai, M.-L., Ruiz, J.-C., Penna, S., Granstrom, T., and Tanaka, M.

The influence of different carbon sources, hothetero-, photoauto-, and photomixtrophic conditions on protocorm-like body organogenesis and callus formation in thin cell layer culture of hybrid Cymbidium (Orchidaceae). *ORCHID SCIENCE AND BIOTECHNOLOGY* , 1, 15-23

Hsiao, P., Sanjaya, Su, R.-C., da Silva, J. A. T. and [Chan, M.-T.](#)*

Plant native tryptophan synthase beta 1 gene act as a non-antibiotic selection marker for plant transformation. *Planta* , 225, 897-906.

Lin, K.-H., Lin C.-H., [Chan, M.-T.](#), and Lo, H.-F. *

Cloning and expression analysis of ascorbate peroxidase gene from eggplant under flooding stress. *Botanical Studies* , 48, 25-34

2006

Chen, T.-L., Prasad, V., Lee, C.-H., Lin, K.-H., Chiueh, L.-C. and [Chan, M.-T.](#)*

Validation of cDNA microarray as a prototype for throughput detection of GMOs. *Botanical Studies* , 47, 1-11

Da Silva*, J.A.T., [Chan, M.-T.](#), Sanjaya, Chai, M.-L. and Tanaka, M

Priming abiotic factors for optimal hybrid Cymbidium (Orchidaceae) PLB and callus induction, plantlet formation, and their subsequent cytogenetic stability analysis. *SCIENTIA HORTICULTURAE* , 109, 368-378

2005

Y. L. Chan, V. Prasad, Sanjaya, K. H. Chen, P. C. Liu, [M. T. Chan](#) * and C.P. Cheng*

Transgenic tomato plants expressing an Arabidopsis thionin (Thi2.1) driven by fruit-inactive promoter battle against phytopathogenic attack. *Planta* , 221, 386 - 393

Chan, Y.-L., Prasad, V., Sanjaya, Chen, K.-H., Liu P.-C., [Chan, M.-T.](#)* and Cheng, C.-P.*

Transgenic tomato expressing an Arabidopsis thionin (Thi2.1) driven by fruit-inactive promoter battles against phytopathogenic attack. *Planta* , 221, 386-393

Chan, Y.-L., Sanjaya, Lin, K.-H., Liao, L.-J., Chen, W.-H. and [Chan, M.-T.](#)*

Gene stacking in Phalaenopsis orchid enhances dual tolerance to pathogen attack. *Transgenic Research* , 14, 279-288

N. S. Yang, J. H. Wang, K. F. Lin, C. Y. Wang, S. A. Kim, Y. L. Yang, M. H. Jong, T. Y. Kuo, S. S. Lai, C. R. Holland, [M. T. Chan](#) and S.M. Liang*

Comparative studies of the capsid precursor polypeptide P1 and the capsid protein VP1 cDNA vectors for DNA vaccination against foot-and-mouth diseases virus. *JOURNAL OF GENE MEDICINE* , 7, 708-717

Y. L. Chan, and [M. T. Chan](#) *

Both protein- and RNA-mediated mechanisms involved in the resistance of Phalaenopsis transformed with viral coat protein against Cymbidium Mosaic virus. *Journal of Genetics and Molecular Biology* , 16, 26-39

Sanjaya and [M.-T. Chan](#) *

Advances in Agrobacterium Mediated Transformation in Tomato – an Overview. *J Genet Mol Biol* , 16, 211-224

2004

L. J. Liao, Y. C. Pan, Y. L. Chan, Y. H. Hsu, W. H. Chen and [M. T. Chan](#) *

Transgene silencing in transgenic Phalaenopsis expressing the coat protein of Cymbidium Mosaic Virus is a manifestation of RNA-mediated resistance.

MOLECULAR BREEDING , 13, 229-242

Chen, T.-L., Prasad, V., Lee, C.-H., Lin, K.-H., Chiueh, L.-C. and [Chan, M.-T.](#).*

Extending the cDNA microarray detection system to evaluate genetically modifications in GM soybean and in soy traditional foods. *J. Food Drug Anal.* , 12, 259-265

Chen, T.-L., Lin, Y.-L., Lee, Y.-L., Yang, N.-S. and [Chan, M.-T.](#).*

Expression of bioactive human interferon-gamma protein in transgenic rice suspension cells. *TRANSGENIC RESEARCH* , 13, 499-510

2003

Liau, C.-H., Lu, J.-C., Prasad, V., Lee, J.-t. Lee, Hsiao, H.-h., You, S.-J., Huang, H.-E., Feng, T.-Y., Chen, W.-H., Yang, N.-S. and [Chan, M.-T.](#).*

The Sweet Pepper Ferredoxin-like Protein (pflp) Conferred Resistance against Soft Rot Disease in Oncidium Orchid. *Transgenic Res.* , 12, 329-336

You, S.-J., Liau, C.-H., Huang, H.-E., Feng, T.-Y., Prasad, V. Prasad, Hsiao H.-h. and Lu, J.-C., & [Chan, M.-T.](#)

Sweet Pepper Ferredoxin-like Protein (pflp) Gene as a Novel Selection Marker for Orchid Transformation. *Planta* , 217, 60-65

Chan, Y.-L., Chen, W.-H. and [Chan, M.-T.](#).*

Phalaenopsis Orchid Gene Transformation (I) - Optimization of Transient Gene Expression. *J. Chinese. Soc. Hort. Sci.* , 49, 33-44

Y. L. Chan, W. H. Chen and [M. T. Chan](#) *

Phalaenopsis Orchid Gene Transformation (I) - Optimization of Transient Gene Expression. *J Chinese Soc Hort Sci* , 49, 33-44

H. Y. Li, C. S. Chang, L. S. Lu, C. A. Liu, [M. T. Chan](#) * and Y.y. Charng*

Over-expression of Arabidopsis thaliana heat shock factor gene (AtHsf1b) enhances chilling tolerance in transgenic tomato. *BOTANICAL BULLETIN OF ACADEMIA SINICA* , 44, 129-140

H. L. Liu, M. L. Cheng, C. G. Tong, N. S. Yang, [M. T. Chan](#) and C.P.Cheng*

In silico identification and phylogenetic analysis of an unique GNAT-type of acetyltransferases in plants. *J Genet Mol Biol* , 14, 213-223

J. T. Lee, P. T. Yang, V. Prasad, J. F. Wu, Y. Y. Charng, T.H.D. Ho and [M. T. Chan](#) *

Expression of Arabidopsis CBF1 regulated by an ABA/stress inducible promoter in transgenic tomato confers stress tolerance without affecting yield. *Plant Cell & Environment* , 26, 1181-1190

Liau, C.-H., You, S.-J., Prasad, V., Hsiao, H.-h., Lu J.-C., Yang, N.-S. and [Chan, M.-T.](#) *

Agrobacterium-mediated Genetic Transformation of an Oncidium orchid.
Plant Cell Reports , 21, 993-998

2002

T. H. Hsieh, J. T. Lee, Y. Y. Charng and [M. T. Chan](#) *

Tomato Plants Ectopically Expressing Arabidopsis CBF1 Show Enhanced Resistance to Water Deficit Stress. *Plant Physiology* , 130, 618-626

T. H. Hsieh, J. T. Lee, P. T. Yang, L. H. Chiu, Y. Y. Charng, Y. C. Wang and [M. T. Chan](#)

Heterologous Expression of the Arabidopsis CBF1 Gene Confers Elevated Tolerance to Chilling and Oxidative Stresses in Transgenic Tomato. *Plant Physiology* , 129, 1086-1094

1999

E. Lupotto, A. Reali, S. Passera and [M. T. Chan](#)

Maize (Zea mays L.) elite inbred lines are susceptible to Agrobacterium tumefaciens-mediated transformation. *MAYDICA* , 44, 211-218

1998

[M. T. Chan](#) and S. M. Yu*

The 3' untranslated region of a rice alpha-amylase gene mediates sugar-dependent abundance of mRNA. *Plant J* , 15, 685-695

[M. T. Chan](#), S. M. Yu*

The 3' untranslated region of a rice alpha-amylase gene functions as a sugar-dependent mRNA stability determinant. *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA* , 95, 6543-6547

A. D. Arencibia, E. R. Carmona, P. Tellez and [M. T. Chan](#)

An efficient protocol for sugarcane transformation mediated by *Agrobacterium tumefaciens*. *TRANSGENIC RESEARCH* , 7, 213-222