The Electronic Plant Gene Register

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Plant Gene Register PGR 97-014


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Plant Gene Register PGR 97-015


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Plant Gene Register PGR 97-016

Isolation and Characterization of a cDNA Encoding a Group I LEA Protein (Accession No. U66317) from Soybean 1.

Wen Chen Burns, Niranjan Maitra, and John C. Cushman*.
Department of Biochemistry and Molecular Biology, 350 Noble Research Center, Oklahoma State University, Stillwater, Oklahoma 74078 (W.C.B., J.C.C.); and University Heart Center, Arizona Health Sciences Center, 1501 North Campbell Blvd., Tucson, Arizona 85724 (N.M.).
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Plant Gene Register PGR 97-017

Isolation and Molecular Characteristics of Two Putative Sugar Transporters from Sugar Beet (Accession Nos. U64902 and U64903).

Tzyy-Jen Chiou and Daniel R. Bush*.
Photosynthesis Research Unit, United States Department of Agriculture/Agricultural Research Service (D.R.B.), and Department of Plant Biology (T.-J.C., D.R.B.), University of Illinois, Urbana, Illinois 61801.
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Plant Gene Register PGR 97-018

A Full-Length cDNA, AflO (Accession No. U80041), Isolated from Wild Oat (Avena fatua) Aleurone Encodes a Protein with Similarity to Clathrin Assembly Proteins.

Huw D. Jones, Michael J. Holdsworth, and Richard Hooley*.
Department of Plant Sciences, IACR-Long Ashton Research Station, University of Bristol, Bristol, BS18 9AF, UK.
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Plant Gene Register PGR 97-019

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Plant Gene Register PGR 97–020
Molecular Cloning of a Ripening-Related cDNA Coding for a 1-Aminocyclopropane-1-Carboxylate Oxidase from Banana (Accession No. U80233).
Yu-Ji Liu, Shin-Jong Lay, Yi-Yin Do, and Pung-Ling Huang*.
Department of Horticulture, National Taiwan University, Taipei, Taiwan 10617, Peoples Republic of China.
* Corresponding author; e-mail pungling@cc.ntu.edu.tw; fax 886-2-362-7053.

Plant Gene Register PGR 97–021
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* Corresponding author; e-mail ruberti@caspur.it; fax 39–6-49912500.

Plant Gene Register PGR 97–022
Cloning and Sequence Analysis of a Genomic Clone of Arabidopsis (Accession No. U81042) Encoding a Putative Translation Initiation Factor.
Hongchang Ma, Sylvia Stack, and Joan T. Odell*.
Agricultural Products (H.M., J.T.O.), and Central Research (S.S.), DuPont, Experimental Station, P.O. Box 80402, Wilmington, Delaware 19880–0402.
* Corresponding author; e-mail Odell@esvax.dnet.dupont.com; fax 1–302–695–4296.

Plant Gene Register PGR 97–023
Isolation of a cDNA Encoding a Metallothionein-Like Protein (Accession No. U81041) from Strawberry Fruit.
Miguel Aguilar*, Daniel Osuna, Jose Luis Caballero, and Juan Munoz.
Departamento de Bioquimica y Biologia Molecular, Facultad de Ciencias, Universidad de Cordoba, 14071-Cordoba, Spain.
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Plant Gene Register PGR 97–024
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* Corresponding author; e-mail gusta@duke.usask.ca; fax 1–306–966–5015.

Plant Gene Register PGR 97–025
Nucleotide Sequence of a 4.9-kb PstI Fragment from “Williams 82” Mitochondrial DNA (Accession No. L40816) Involved in Mitochondrial Genome Rearrangement.
Regina W. Hanlon, Jia Li, and Elizabeth A. Grabau*.
Fralin Biotechnology Center, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061–0346.
* Corresponding author; e-mail egabau@vt.edu; fax 1–540–231–7126.

Plant Gene Register PGR 97–026
Isolation and Characterization of a New MADS-Box cDNA from Pinus radiata (Accession No. U76757).
Aidyn Mouradov*, Tina Glassick, and Robert Teasdale.
ForBio Research, 50 Meiers Road, Indooroopilly, Queensland 4068, Australia.
* Corresponding author; e-mail axm@forbio.com.au; fax 61–7–3870–5777.

Plant Gene Register PGR 97–027
Isolation and Characterization of a New MADS-Box cDNA from Pinus radiata (Accession No. U76726).
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ForBio Research, 50 Meiers Road, Indooroopilly, Queensland 4068, Australia.
* Corresponding author; e-mail axm@forbio.com.au; fax 61–7–3870–5777.

Plant Gene Register PGR 97–028
Isolation of Two Genes (Accession Nos. D89341 and D89342) Encoding Luminal Binding Proteins from Arabidopsis thaliana.
Nozomu Koizumi* and Hiroshi Sano.
Research and Education Center for Genetic Information,
Nara Institute of Science and Technology, 8916-5
Takayama, Ikoma 630-01, Japan.
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nara.ac.jp; fax 81-7437-2-5659.

Plant Gene Register PGR 97-029

A Gene Cluster on Arabidopsis thaliana Chromosome 1
Near rgrl (Accession No. U78866) Encodes Three Novel
Genes (Accession Nos. U78867, U78868, U78869,
U78870, and U78871), One of Which Is Related to RD-
Rich Nuclear RNA-Binding Proteins.
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of Molecular Biophysics and Biochemistry, Yale Univer-
sity, 260 Whitney Avenue, New Haven, Connecticut
06520-8114 (D.S.).
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fax 1-515-270-5949.

Plant Gene Register PGR 97-030

Isolation and Characterization of a cDNA Encoding a
Polyubiquitin Protein (Accession No. U82086) from
Strawberry Fruit.
Miguel Aguilar*, Daniel Osuna, Jose Luis Caballero, and
Juan Munoz.
Departamento de Bioquimica y Biologia Molecular, Fac-
ultad de Ciencias, Universidad de Cordoba, 14071-
Cordoba, Spain.
* Corresponding author; e-mail bb2aguim@uco.es; fax 34–
57-218606.

Plant Gene Register PGR 97-031

A cDNA Encoding a Putative Cys3His Zinc Finger Pro-
tein in Arabidopsis thaliana (Accession No. U81238).

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Hanover, New Hampshire 03755.
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fax 1-603-646-1347.

Plant Gene Register PGR 97-032

Characterization of a MADS Box Gene (Accession No.
Y09611) from Immature Female Cone of Red Pine.
Jun-Jun Liu and Gopi K. Podila*.
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University, Houghton, Michigan 49931.
* Corresponding author; e-mail gkpodila@mtu.edu; fax
1-906-487-3167.

Plant Gene Register PGR 97-033

Potato psbP Transcript Encoding the 23-Kilodalton Pro-
tein of the Oxygen-Evolving Complex of Photosystem
II (Accession No. X99320).
Michael U. Hoefer* and Peter Westhoff.
Institut fuer Entwicklungs- und Molekularbiologie der
Pflanzen, Heinrich-Heine-Universitaet, Geb. 26.03.02,
Universitaetsstrasse 1, D-40225 Duesseldorf, Germany.
* Corresponding author; e-mail hoefer@uni-duesseldor-
f.de; fax 49–211–811–4871.

Plant Gene Register PGR 97-034

Cloning of an Ethylene-Responsive Chitinase from Cot-
ton (Accession No. U7888).
John P. Levorson and Caryl A. Chlan*.
Biology Department, The University of Southwestern Lou-
isiana, Lafayette, Louisiana 70504.
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482–5660.