The Electronic Plant Gene Register

Plant Gene Register titles for PGR 99–044 to PGR 99–056 appear below. The sequences have been deposited in GenBank and the articles listed online through the World Wide Web.

To cite an electronic Plant Gene Register article as a bibliographic reference, follow the style given below:

Weers BD, Thornburg RW (1998) Characterization of the cDNA and gene for an Arabidopsis uracil phosphoribosyltransferase (accession no. AF116860) (PGR 99–044). Plant Physiol 119: 1567.

To access the Plant Gene Register through the World Wide Web, use the URL:

http://www.tarweed.com/pgr/

Plant Gene Register PGR 99-044

Characterization of the cDNA and Gene for an Arabidopsis Uracil Phosphoribosyltransferase (Accession No. AF116860).

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Plant Gene Register PGR 99-045

Molecular Cloning of Two cDNAs Encoding G-Protein Beta-Subunit-Like Proteins from Tomato (Accession Nos. AB022686 and AB022687).

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Plant Gene Register PGR 99-046

Cloning and Sequencing of a New S Gene, Sg-RNase (Accession No. AB019184) from Malus × domestica Borkh. cv Indo.

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Research Center, National Institute of Fruit Tree Science, Iwate 020–0123, Japan (J.S).

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Plant Gene Register PGR 99-047

Molecular Analysis of a cDNA Encoding an Ethylene Receptor That Is Expressed in *Phalaenopsis* Petals (Accession No. AF055894).

Yi-Yin Do, Yi-Chiann Chen, and Pung-Ling Huang*. Department of Horticulture, National Taiwan University, Taipei, Taiwan 106, Republic of China.

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Plant Gene Register PGR 99-048

A Gene for Thymidine Kinase in Plants (Accession No. AF066050).

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Plant Gene Register PGR 99-049

Nucleotide Sequence of Cla30 (Accession No. Y17386), a Xenobiotic-Inducible Member of the Glutathione-S Transferase Superfamily from Triticum aestivum L.

- Frederica L. Theodoulou*, Ian M. Clark, Ken E. Pallett, and David L. Hallahan.
- Biochemistry and Physiology Department, IACR-Rothamsted, Harpenden, Hertfordshire AL5 2JQ, United Kingdom (F.L.T., I.M.C., D.L.H.); and Rhone-Poulenc Agriculture Limited, Fyfield Road, Ongar, Essex CM5 OHW, United Kingdom (K.E.P.).
- * Corresponding author; e-mail freddie.theodoulou@ bbsrc.ac.uk; fax 44–1–582–763–010.

Plant Gene Register PGR 99-050

Isolation and Characterization of cDNA Encoding L-Asparaginase from *Lupinus luteus* (Accession No. AF112444).

- Dominika Borek*, Jan Podkowinski, Agnieszka Kisiel, and Mariusz Jaskolski.
- Department of Crystallography, Faculty of Chemistry, A. Mickiewicz University, Grunwaldzka 6, Poznan, Poland; and Institute of Bioorganic Chemistry, Polish Academy of Science, Noskowskiego 12/14, Poznan, Poland.
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Plant Gene Register PGR 99-051

adg2: The Arabidopsis ADP Glucose Pyrophosphorylase Large Subunit Gene (Accession No. AB022891).

- Hiroyuki Ito, Lubomir N. Sokolov, Leszek A. Kleczkowski, and Thomas W. Okita*.
- Institute of Biological Chemistry, Washington State University, Pullman, Washington 99164 (H.I., T.W.O); and Department of Plant Physiology, Umeå University, 901–87 Umeå, Sweden (L.N.S., L.A.K).
- * Corresponding author; e-mail tokita@mail.wsu.edu; fax 1–509–335–7643.

Plant Gene Register PGR 99-052

DgPDI (Accession No. AF131223), a Full-Length cDNA from Symbiotic Root Nodules of Datisca glomerata with Homology to Protein Disulfide Isomerase Genes.

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- * Corresponding author; e-mail amberry@ucdavis.edu; fax 1–530–752–1819.

Plant Gene Register PGR 99-053

Identification and Cloning of Two Members of a New Type of Glutathione S-Transferase from Arabidopsis (Accession Nos. AJ131580 and AJ132398).

- David P. Dixon, David J. Cole¹, and Robert Edwards*.
- Crop Protection Group, Department of Biological Sciences, University of Durham, Durham DH1 3LE, United Kingdom (D.P.D., R.E.); and Rhone-Poulenc Agriculture Limited, Fyfield Road, Ongar, Essex CM5 0HW, United Kingdom (D.J.C.).
- * Corresponding author; e-mail robert.edwards@durham. ac.uk; fax 44–191–374–2417.

Plant Gene Register PGR 99-054

Glutamine Synthetase Gene Isolation from an Alfalfa Leaf cDNA Library (Accession No. AF124244).

- Marcela Zozaya-Garza and Champa Sengupta-Gopalan*. Graduate Program in Molecular Biology, New Mexico State University, Las Cruces, New Mexico, 88003.
- *Corresponding author; e-mail csgopala@nmsu.edu; fax 1–505–646–6041.

Plant Gene Register PGR 99-055

Cloning of a Full-Length SNF1-Related Protein-Serine/ Threonine Kinase cDNA from Soybean Root Nodules (Accession No. AF128443).

- Shameekumar Patil, A.R. Penheiter, Ray Chollet, and Gautam Sarath*.
- Department of Biochemistry, University of Nebraska, George W. Beadle Center, Lincoln, Nebraska 68588–0664.
- * Corresponding author; e-mail gsarath@unlinfo.unl.edu; fax 1–402–472–7842.

Plant Gene Register PGR 99-056

A Sweet Potato Leaf cDNA (Accession No. AF117334) Encoding a Cysteine Proteinase Inhibitor.

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