MOLECULAR ECOLOGY
RESOURCES
Molecular Ecology Resources (2013) **13**, 966–968 doi: 10.1111/1755-0998.12140

PERMANENT GENETIC RESOURCES NOTE

Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2013–31 May 2013

MOLECULAR ECOLOGY RESOURCES PRIMER DEVELOPMENT CONSORTIUM,[1] CECILIA AGOSTINI,[2] R. G. ALBALADEJO,[3] A. APARICIO,[3] WOLFGANG ARTHOFER,[4] P. BERREBI,[5] PETER T. BOAG,[6] IGNAZIO CARBONE,[7] GABRIEL C. CONROY,[8] A. M. CORTESERO,[9,10] EVONNILDO COSTA GONÇALVES,[11] DIOGO COSTA,[12,13] ALVARINA COUTO,[12,13] MIRKO DE GIROLAMO,[14] HAO DU,[15] SHI-JIAN FU,[16] T. GARRIDO-GARDUÑO,[17,18] L. GETTOVÁ,[19] A. GILLES,[20] IGOR GUERREIRO HAMOY,[21,22] C. M. HERRERA,[23] CARINA HEUSSLER,[4] EDUARDO ISIDRO,[14] C. JOSSO,[9,10] PATRICK KRAPF,[4] ROBERT W. LAMONT,[8] A. LE RALEC,[24] SUSANA LOPES,[12] CARLA LUÍS,[12] HUI LUO,[25] F. MAHÉO,[26] ILARIA A. M. MARINO,[2] L. MIEUZET,[26] BRENT W. MURRAY,[27] STEVEN M. OGBOURNE,[8] ALBERTO PALLAVICINI,[28] C. PAREJO-FARNÉS,[3] TOMASO PATARNELLO,[29] C. PATY,[9,10] CAROLINA PEREIRA,[12] CATARINA PINHO,[12] PABLO PINTO,[22] D. POINSOT,[9,10] ADRIENNE POWELL,[6] ALEXANDER I. PUTMAN,[7] ANDRÉ SANTORO,[30] SIDNEY SANTOS,[22] BIRGIT C. SCHLICK-STEINER,[4] CANDACE SCOTT,[6] MARIA SILVANIRA BARBOSA,[31] A. ŠIMKOVÁ,[19] J.-C. SIMON,[26] ANTONIO SOLÉ-CAVA,[30] FLORIAN M. STEINER,[4] ZHENGXIN SUN,[6] VALENTINA TORBOLI,[28] LANE P. TREDWAY,[7] PETER J. VAN COEVERDEN DE GROOT,[6] ANDERSON VASCONCELLOS,[30] E. VÁZQUEZ-DOMÍNGUEZ,[17] DENG-QIANG WANG,[15] YU-XIANG WANG,[6,16] QI-WEI WEI,[15] LORENZO ZANE[2] and SHU-HUAN ZHANG[15]

[1]*Molecular Ecology Resources Editorial Office, 6270 University Blvd, Vancouver, BC V6T 1Z4, Canada,* [2]*Department of Biology, University of Padova, Via G. Colombo 3, Padova 35121, Italy,* [3]*Dpt. Biología Vegetal y Ecología, Universidad de Sevilla, c/Profesor García González 7 nº 2, Seville, 41012, Spain,* [4]*Molecular Ecology Group, Institute of Ecology, University of Innsbruck, Innsbruck, Austria,* [5]*Institut des Sciences de l'Evolution, UMR UM2/CNRS/IRD 5554, Université Montpellier 2, CC 065, Place Eugène Bataillon, 34095, Montpellier Cedex 5, France,* [6]*Department of Biology, Queen's University, Kingston, ON K7L 3N6, Canada,* [7]*Department of Plant Pathology, North Carolina State University, Raleigh, NC, USA,* [8]*GeneCology Research Centre, University of the Sunshine Coast, Maroochydore DC, QLD 4558, Australia,* [9]*University of Rennes 1, UMR 1349 IGEPP, F-35042, Rennes Cedex, France,* [10]*European University of Brittany, France,* [11]*Laboratório de Tecnologia Biomolecular, Instituto de Ciências Biológicas, Universidade Federal do Pará, Cidade Universitária, Prof. José da Silveira Netto. Av., Augusto Corrêa, 01, Belém, PA, Brazil,* [12]*CIBIO/UP, Centro de Investigação em Biodiversidade e Recursos Genéticos, Universidade do Porto, Campus Agrário de Vairão, 4485-661, Vairão, Portugal,* [13]*Faculdade de Ciências da Universidade do Porto, Rua do Campo Alegre, s/n, 4169-007, Porto, Portugal,* [14]*Department of Oceanography and Fisheries, Instituto do Mar (IMAR), University of the Azores, 9901-862, Horta, Portugal,* [15]*Key Laboratory of Freshwater Biodiversity Conservation, Ministry of Agriculture of China, Yangtze River Fisheries Research Institute, Chinese Academy of Fishery Sciences, Wuhan 430223, China,* [16]*Laboratory of Evolutionary Physiology and Behaviour, Chongqing Key Laboratory of Animal Biology, Chongqing Normal University, 400047 Chongqing, China,* [17]*Departamento de Ecología de la Biodiversidad, Instituto de Ecología, Universidad Nacional Autónoma de México, Ciudad Universitaria, Ap. Postal 70-275, México DF, 04510, Mexico,* [18]*Posgrado en Ciencias Biológicas, Universidad Nacional Autónoma de México, Torre II de Humanidades, Ciudad Universitaria, México DF 04510, Mexico,* [19]*Department of Botany and Zoology, Faculty of Science, Masaryk University, Kotlářská 2, 61137 Brno, Czech Republic,* [20]*Evolution Génome Environnement, Aix-Marseille Université, IMBE, UMR CNRS 7263, Case 36, 3 Place Victor Hugo, 13331, Marseille Cedex 3, France,* [21]*Campus Capanema, Universidade Federal Rural da Amazônia, Rua João Pessoa 121, Capamena, PA, Brazil,* [22]*Laboratório de Genética Humana e Médica, Instituto de Ciências Biológicas, Universidade Federal do Pará, Cidade Universitária, Prof. José da Silveira Netto. Av., Augusto Corrêa, 01, Belém, PA, Brazil,* [23]*Estación Biológica de Doñana, CSIC, Avda. Américo Vespucio s/n, 41092 Seville, Spain,* [24]*Agrocampus Ouest, UMR 1349 IGEPP, F-35000, Rennes, France,* [25]*Fisheries College, Huazhong Agricultural University, Wuhan 430070, China,* [26]*INRA, UMR 1349 IGEPP, F-35653 Le Rheu, France,* [27]*Natural Resources and Environmental Studies Institute, University of Northern British Columbia, 3333 University Way, Prince George, BC, V2N 4Z9, Canada,* [28]*Laboratorio di Genetica, Dipartimento di Scienze della Vita, University of Trieste, 34127 Trieste, Italy,* [29]*Department of Comparative Biomedicine and Food Science, University of Padova, Agripolis, Viale dell'Università 16, 35020 Legnaro (Padova), Italy,* [30]*Laboratório de Biodiversidade Molecular, Instituto de Biologia, Universidade Federal do Rio de Janeiro, Rio de Janeiro,*

Correspondence: Molecular Ecology Resources Primer Development Consortium, E-mail: editorial.office@molecol.com

Brazil, [31]*Laboratório de Polimorfismo de DNA, Instituto de Ciências Biológicas, Universidade Federal do Pará, Cidade Universitária, Prof. José da Silveira Netto. Av., Augusto Corrêa, 01, Belém, PA, Brazil*

Abstract

This article documents the addition of 234 microsatellite marker loci to the Molecular Ecology Resources Database. Loci were developed for the following species: *Acipenser sinensis, Aleochara bilineata, Aleochara bipustulata, Barbus meridionalis, Colossoma macropomum, Delia radicum, Drosophila nigrosparsa, Fontainea picrosperma, Helianthemum cinereum, Liomys pictus, Megabalanus azoricus, Pelteobagrus vachelli, Pleuragramma antarcticum, Podarcis hispanica type 1A, Sardinella brasiliensis* and *Sclerotinia homoeocarpa*. These loci were cross-tested on the following species: *Acipenser dabryanus, Barbus balcanicus, Barbus barbus, Barbus cyclolepis, Drosophila hydei, Drosophila melanogaster, Drosophila obscura, Drosophila subobscura, Fontainea australis, Fontainea fugax, Fontainea oraria, Fontainea rostrata, Fontainea venosa, Podarcis bocagei, Podarcis carbonelli, Podarcis liolepis, Podarcis muralis* and *Podarcis vaucheri*.

This article documents the addition of 234 microsatellite marker loci to the Molecular Ecology Resources Database. Table 1 contains information on the focal species, the number of loci developed, any other species the loci were tested in and the accession numbers for the loci in both the Molecular Ecology Resources Database and GenBank. The authors responsible for each set of loci are listed in the final column. A full description of the development protocol for the loci presented here can be found on the Molecular Ecology Resources Database (http://tomato.biol.trinity.edu/).

Table 1 Information on the focal species, the number of loci developed, any other species the loci were tested in and the accession numbers for the loci in both the Molecular Ecology Resources Database and GenBank. The authors responsible for each set of loci are listed in the final column

Species	No. primers developed	Other species tested	MER database no.	GenBank accession nos.	Authors
Acipenser sinensis	18	*A. dabryanus*	50984-51001	ES697612, ES697759, ES697810, ES697867, ES697877, ES697922, ES697964, ES697983, ES698125, ES698353, ES698515, ES698531, EV824286, EV824611, EV824795	Luo, Hui; Wei, Qi-Wei; Wang, Deng-Qiang; Du, Hao; Zhang, Shu-Huan
Aleochara bilineata, Aleochara bipustulata, Delia radicum	24	n/a	51036-51043, 51044-51051, 51028-51035	HF679099-HF679106, HF679107-HF679114, HF679091-HF679098	Josso, C.; Mahéo, F.; Mieuzet, L.; Paty, C.; Simon, J.-C.; Le Ralec, A.; Cortesero, A. M.; Poinsot, D.
Barbus meridionalis	28	*B. balcanicus, B. barbus, B. cyclolepis*	50927-50954	HF975628-HF975655	Gettová, L.; Gilles, A.; Berrebi, P.; Šimková, A.
Colossoma macropomum	8	n/a	50869-50876	KC695879-KC695886	Guerreiro Hamoy, Igor; Pinto, Pablo; Silvanira Barbosa, Maria; Costa Gonçalves, Evonnildo; Santos, Sidney
Drosophila nigrosparsa	16	*D. hydei, D. melanogaster, D. obscura, D. subobscura*	50788-50803	KC088170-KC088177, KC088179, KC088181-KC088185, KC088187, KC088188	Arthofer, Wolfgang; Heussler, Carina; Krapf, Patrick; Schlick-Steiner, Birgit C.; Steiner, Florian M.
Fontainea picrosperma	8	*F. australis, F. fugax, F. oraria, F. rostrata, F. venosa*	50861-50868	KC759358-KC759365	Lamont, Robert W.; Conroy, Gabriel C.; Ogbourne, Steven M.

Table 1 (Continued)

Species	No. primers developed	Other species tested	MER database no.	GenBank accession nos.	Authors
Helianthemum cinereum	12	n/a	50915-50926	JX870636-JX870638, JX870640-JX870644, KC734474-KC734477	Parejo-Farnés, C.; Albaladejo, R. G.; Herrera, C. M.; Aparicio, A.
Liomys pictus	14	n/a	50955-50968	KF035128-KF035130, KF177417-KF177427	Vázquez-Domínguez, E.; Garrido-Garduño, T.
Megabalanus azoricus	9	n/a	50779-50787	KC577548-KC577556	De Girolamo, M.; Torboli, V.; Pallavicini, A.; Isidro, E.
Pelteobagrus vachelli	8	n/a	50804-50809, 50812, 50813	KC878239, KC878241, KC878243, KC878245, KC878246, KC895401, KC895402, KC878248	Powell, Adrienne; Murray, Brent W.; Van Coeverden de Groot, Peter J.; Sun, Zhengxin; Scott, Candace; Fu, Shi-Jian; Wang, Yu-Xiang; Boag, Peter T.
Pleuragramma antarcticum	16	n/a	50877-50892	KC855717-KC855730, HQ395761, HQ395762	Agostini, Cecilia; Marino, Ilaria A. M.; Patarnello, Tomaso; Zane, Lorenzo
Podarcis hispanica type 1A	47	*P. bocagei*, *P. carbonelli*, *P. liolepis*, *P. muralis*, *P. vaucheri*	50814-50860	KC869941-KC869987	Costa, Diogo; Lopes, Susana; Pereira, Carolina; Luís, Carla; Couto, Alvarina; Pinho, Catarina
Sardinella brasiliensis	12	n/a	51002-51013	KC845307-KC845318	Santoro, André; Vasconcellos, Anderson; Solé-Cava, Antonio
Sclerotinia homoeocarpa	14	n/a	51014-51027	KC753182-KC753195	Putman, Alexander I.; Carbone, Ignazio; Tredway, Lane P.