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BONIZZONI, MARIANGELA
BOURJEA, JÉRÔME
[et al.](#)

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PERMANENT GENETIC RESOURCES NOTE

Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2011–31 May 2011

MOLECULAR ECOLOGY RESOURCES PRIMER DEVELOPMENT CONSORTIUM,¹ MARIANGELA BONIZZONI,^{2,3} JÉRÔME BOURJEA,⁴ BIN CHEN,⁵ B. J. CRAIN,⁶ LIWANG CUI,^{5,7} V. FIORENTINO,⁸ S. HARTMANN,⁹ S. HENDRICKS,⁶ V. KETMAIER,^{8,10} XIAO GUANG MA,¹¹ DELPHINE MUTHS,⁴ L. PAVESI,⁸ S. PFAUTSCH,⁸ M. A. RIEGER,⁶ T. SANTONASTASO,⁶ JETSUMON SATTABONGKOT,¹² C. H. TARON,¹³ D. J. TARON,⁶ R. TIEDEMANN,⁸ GUIYUN YAN,^{2,5} BIN ZHENG¹⁴ and DAIBIN ZHONG²
¹Molecular Ecology Resources Editorial Office, 6270 University Blvd, Vancouver, BC V6T 1Z4, Canada, ²Program in Public Health, College of Health Sciences, University of California at Irvine, Irvine, CA 92697, USA, ³Department of Molecular Biology and Biochemistry, University of California at Irvine, Irvine, CA 92697, USA, ⁴IFREMER Délégation Réunion, Rue Jean Bertho, BP60, 97822 Le Port, France, ⁵Institute of Entomology and Molecular Biology, College of Life Sciences, Chongqing Normal University, Chongqing, China, ⁶Department of Biology, Chicago Academy of Sciences, 2430 N. Cannon Dr., Chicago, IL 60614, USA, ⁷Department of Entomology, the Pennsylvania State University, University Park, PA 16802, USA, ⁸Unit of Evolutionary Biology/Systematic Zoology, Institute of Biochemistry and Biology, University of Potsdam, D-14476, Potsdam, Germany, ⁹Department of Bioinformatics, Institute of Biochemistry and Biology, University of Potsdam, D-14476, Potsdam, Germany, ¹⁰Department of Biology and Biotechnology 'Charles Darwin', University of Rome 'Sapienza', Viale dell'Università 32, 00185 Rome, Italy, ¹¹Institute of Health Quarantine, Chinese Academy of Inspection and Quarantine, Beijing, China, ¹²Faculty of Tropical Medicine, Mahidol University, Bangkok 10400, Thailand, ¹³New England Biolabs, 240 County Road, Ipswich, MA 01938, USA, ¹⁴National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention, Shanghai, China

Abstract

This article documents the addition of 92 microsatellite marker loci to the Molecular Ecology Resources Database. Loci were developed for the following species: *Anopheles minimus*, *An. sinensis*, *An. dirus*, *Culex muticus*, *Lutjanus kasmira*, *Murella muralis* and *Orchestia montagui*. These loci were cross-tested on the following species: *Culex arizonensis*, *Culex borealis*, *Culex nemesia*, *Culex virginiana* and *Lutjanus bengalensis*.

This article documents the addition of 92 microsatellite marker loci to the Molecular Ecology Resources Database. Table 1 contains information on the focal species, the number of loci developed and 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 and 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 no. | Authors |
|---|-----------------------|---|-----------------------------|--|--|
| <i>Anopheles minimus</i> , <i>An. sinensis</i> and <i>An. dirus</i> | 20, 21, 13 | n/a | 46482–46535 | HQ839789, HQ839792–HQ839794, HQ839796–HQ839800, HQ839802, HQ839803, HQ839805–HQ839808, HQ839810–HQ839814, HQ839817– HQ839820, HQ839823–HQ839831, HQ839833–HQ839835, HQ839837– HQ839846, HQ839848–HQ839854, HQ839857 | Zhong, Daibin; Chen, Bin; Sattabongkot, Jetsumon; Bonizzoni, Mariangela; Ma, Xiaoguang; Cui, Liwang; Yan, Guiyun; Zheng, Bin |
| <i>Culex mutica</i> | 9 | <i>C. arizonensi</i> , <i>C. borealis</i> , <i>C. nemesis</i> , <i>C. virginiensis</i> | 46549–46552, 46555–46559 | EF187464–EF187469, EF187471, EU703876, EU703878 | Taron, D. J.; Rieger, M. A.; Santonastaso, T.; Crain, B. J.; Hendricks, S.; Taron, C. H. |
| <i>Lutjanus kasmira</i> | 13 | <i>L. bengalensis</i> | 46536–46548 | JF346855–JF346867 | Muths, Delphine; Bourjea, Jérôme |
| <i>Murella muralis</i> | 8 | n/a | 46561–46568 | JF927643–JF927650 | Fiorentino, V.; Pavesi, L.; Hartmann, S.; Pfautsch, S.; Tiedemann, R.; Ketmaier, V. |
| <i>Orchestia montagui</i> | 8 | n/a | 46569–46576 | JF899302–JF899309 | Pavesi, L.; Fiorentino, V.; Hartmann, S.; Pfautsch, S.; Tiedemann, R.; Ketmaier, V. |