

PERMANENT GENETIC RESOURCES NOTE

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Abstract

This article documents the addition of 268 microsatellite marker loci to the Molecular Ecology Resources Database. Loci were developed for the following species: *Alburnoides bipunctatus*, *Chamaerops humilis*, *Chlidonias hybrida*, *Cyperus papyrus*, *Fusarium graminearum*, *Loxigilla barbadensis*, *Macrobrachium rosenbergii*, *Odontesthes bonariensis*, *Pelteobagrus vachelli*, *Posidonia oceanica*, *Potamotrygon motoro*, *Rhamdia quelen*, *Sarotherodon melanotheron heudelotii*, *Sibiraea angustata*, *Takifugu rubripes*, *Tarentola mauritanica*, *Trimmatostroma* sp. and *Wallago attu*. These loci were cross-tested on the following species: *Alburnoides fasciatus*, *Alburnoides kubanicus*, *Alburnoides maculatus*, *Alburnoides ohridanus*, *Alburnoides prespensis*, *Alburnoides rossicus*, *Alburnoides strymonicus*, *Alburnoides thessalicus*, *Alburnoides tzanevi*, *Carassius carassius*, *Fusarium asiaticum*, *Leucaspis delineatus*, *Loxigilla noctis dominica*, *Pelecus cultratus*, *Phoenix canariensis*, *Potamotrygon falkneri*, *Trachycarpus fortune* and *Vimba vimba*.

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. of primers developed	Other species tested	MER database no.	GenBank accession no.	Authors
<i>Alburnoides bipunctatus</i>	11	<i>A. fasciatus</i> , <i>A. kubanicus</i> , <i>A. maculatus</i> , <i>A. ohridanus</i> , <i>A. prespensis</i> , <i>A. rossicus</i> , <i>A. strymonicus</i> , <i>A. thessalicus</i> , <i>A. tzanevi</i> , <i>Carassius carassius</i> , <i>Leucaspis delineatus</i> , <i>Pelecus cultratus</i> , <i>Vimba vimba</i>	50534–50544	See ms for details.	Urbánková, Soňa; Mendel, Jan; Vyskočilová, Martina

Table 1 (Continued)

Species	No. of primers developed	Other species tested	MER database no.	GenBank accession no.	Authors
<i>Chamaerops humilis</i>	28	<i>Phoenix canariensis</i> , <i>Trachycarpus fortunei</i>	50469–50496	GF112058–GF112085	Guarino, Carmine; Giovino, Antonio; Scibetta, Silvia; Cipriani, Guido
<i>Chlidonias hybrida</i>	11	n/a	50400–50410	AY083596–AY083599, AY083601, AY091847, AY091851, AY091853, AY597041, AY597042, AY597044	Minias, Piotr; Minias, Alina; Dziadek, Jarosław
<i>Cyperus papyrus</i>	9	n/a	50578–50586	KC460657–KC460663, KC460665, KC460666	Triest, Ludwig; Sierens, Tim; Terer, Taita
<i>Fusarium graminearum</i>	9	<i>F. asiaticum</i>	50569–50577	JX871447–JX871462 See ms for details.	Lee, Seung-Ho; Lee, Jeonghwa; Lee, Soohyung; Kim, Mija; Yun, Jong-Chul; Oh, Kyeong-Suk; Lee, Theresa
<i>Loxigilla barbadensis</i>	26	<i>L. noctis dominica</i>	50508–50533	GF112030–GF112055	Cezilly, Frank; Leclercq, Pierre; Daniel, Carla; Wattier, Rémi A.
<i>Macrobrachium rosenbergii</i>	9	n/a	50419–50427	JF319151–JF319155, KC191673–KC191676	Dharaneedharan, Subramanian; Balasundaram, Chellam; Heo, Moon-Soo
<i>Odontesthes bonariensis</i>	20	n/a	50587–50607	KC188637–KC188656	Villanova, Gabriela V.; Vera, Manuel; Díaz, Juan; Martinez, Paulino; Calcaterra, Nora B.; Arranz, Silvia E.
<i>Pelteobagrus vachelli</i>	8	n/a	50411–50418	GU338368–GU338375	Wang, Hongying; Du, Man
<i>Posidonia oceanica</i>	14	n/a	50608–50633	See ms for details.	D'Esposito, D.; Orsini, L.; Procaccini, G.
<i>Potamotrygon motoro</i>	10	<i>P. falkneri</i>	50296–50305	See ms for details.	Cruz, V. P.; Mendes, N. J.; Mendonça, F. F.; Pardo, B. G.; Vera, M.; Martinez, P.; Oliveira, C.; Foresti, F.
<i>Rhamdia quelen</i>	10	n/a	50347–50356	KC117543–KC117552	Ríos, Néstor; Bouza, Carmen; Pardo, Belén G.; Guerra-Varela, Jorge; Gutiérrez, Verónica; Martinez, Paulino; García, Graciela

Table 1 (Continued)

Species	No. of primers developed	Other species tested	MER database no.	GenBank accession no.	Authors
<i>Sarotherodon melanotheron heudelotii</i>	8	n/a	50339–50346	KC256806–KC256813	Gauffre-Autel, Pauline; Durand, Jean-Dominique; Avarre, Jean-Christophe
<i>Sibiraea angustata</i>	21	n/a	50548–50568	JX560436, JX560437, JX560440–JX560445, JX560447, JX560450, JX560451, JX560454–JX560457, JX661245–JX661247, JX661249, JX661251, JX661252	Fu, Peng-cheng; Gao, Qing-bo; Zhang, Fa-qi; Li, Yin-hu; Xing, Rui; Khan, Gulzar; Zhang, Jing-hua; Wang, Jiu-li; Chen, Shi-long
<i>Takifugu rubripes</i>	26	n/a	50442–50458, 50460–50468	JX448593–JX448618	Liu, Shufang; Yin, Guibo; Yuan, Yanjiao; Liu, Hongbo; Zhuang, Zhimeng
<i>Tarentola mauritanica</i>	11	n/a	50497–50507	KC470197–KC470204, KC489794–KC489796	Rato, C.; Harris, D. J.; Perera, A.
<i>Trimmatostroma</i> sp.	11	n/a	50373–50383	JX515524–JX515534	Lauth, Jérémie; Malé, Pierre-Jean G.; Voglmayr, Hermann; Mayer, Veronika E.; Dejean, Alain; Orivel, Jérôme
<i>Wallago attu</i>	14	n/a	50357–50370	JX971059, JX971060, JX971063, JX971064, JX971071, JX971075, JX971076, JX971086, JX971092, JX971094, JX971097, JX971099, JX971112, JX971115	Singh, Akhilesh; Lakra, Wazir S.; Mandhan, Rishi Pal; Goswami, Mukunda; Yadav, Kamalendra; Sharma, Bhagwati S.

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listed in the final column. The MER database and GenBank accession numbers and the authors responsible are also listed. 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/>).