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## Permanent Genetic Resources added to the Molecular Ecology Resources Database 1 February 2010–31 March 2010

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MOLECULAR ECOLOGY RESOURCES PRIMER DEVELOPMENT CONSORTIUM

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## PERMANENT GENETIC RESOURCES NOTE

# Permanent Genetic Resources added to the Molecular Ecology Resources Database 1 February 2010–31 March 2010

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### Abstract

This article documents the addition of 228 microsatellite marker loci to the Molecular Ecology Resources Database. Loci were developed for the following species: *Anser cygnoides*, *Apodemus flavicollis*, *Athene noctua*, *Cercis canadensis*, *Glis glis*, *Gubernatrix cristata*, *Haliotis tuberculata*, *Helianthus maximiliani*, *Laricobius nigrinus*, *Laricobius rubidus*, *Neoheligionella granjoni*, *Nephrops norvegicus*, *Oenanthe javanica*, *Paramuricea clavata*, *Pyrrhura orcesi* and *Samanea saman*. These loci were cross-tested on the following species: *Apodemus sylvaticus*, *Laricobius laticollis* and *Laricobius osakensis* (a proposed new species currently being described).

This article documents the addition of 228 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 no.	Authors
<i>Anser cygnoides</i>	65		43787–43851	GU130819	Jinjun Li
				GU130822	Junda Shen
				GU130824	Zhengrong Tao
				GU130830	Jindong Ren
				GU130832	Guoqin Li
				GU130835	Degian Wang
				GU130837	Yong Tian
				GU130840	Qingyan Yuan
				GU130842	Lizhi Lu
				GU130847	
				GU130849	
				GU130850	
				GU130852	
				GU130853	
				GU130855	
				GU130856	
				GU130857	
				GU130858	
				GU130865	
				GU130867	
				GU130869	
				GU130870	
GU130871					
GU130872					
GU130877					
GU130878					
GU130881					
GU130887					
GU130890					
GU130891					
GU130895					
GU130903					
GU130909					

Table 1 (Continued)

Species	No. primers developed	Other species tested	MER database no.	GenBank accession no.	Authors
				GU130912	
				GU130919	
				GU130929	
				GU130935	
				GU130937	
				GU130944	
				GU130950	
				GU130953	
				GU130955	
				GU130957	
				GU130958	
				GU130960	
				GU130962	
				GU130965–GU130970	
				GU130974	
				GU130978	
				GU130979	
				GU130984	
				GU130985	
				GU130988	
				GU130989	
				GU130991	
				GU130993	
				GU130994	
				GU130997	
				GU130998	
				GU131013	
<i>Apodemus flavicollis</i>	10	<i>Apodemus sylvaticus</i>	43528–43537	GU481080–GU481089	Simone Sommer, Ramona Taubert, Anke Schmidt
<i>Athene noctua</i>	12		43631–43642	GU252345–GU252356	Gernot Segelbacher, Johanna Hurst, Wolfgang Fiedler
<i>Cercis canadensis</i>	12		43724–43735	GU171386–GU171389	Timothy A. Rinehart,
				GU253073	Robert N. Trigiano, Phillip A. Wadl, Denita Hadziabdic,
				GU253075	Margaret R. Pooler,
				GU252860	Brian E. Scheffler
<i>Glis glis</i>	10		43643–43651	GU171390–GU171392	Gernot Segelbacher, Jürgen Tomiuk, Tanja Heinz,
				GU252357	Jürgen FJ Kun, Tanja Weis-Dootz,
				GU252358	Joanna Fietz
				GU252360–GU252367	C. Martins-Ferreira
<i>Gubernatrix cristata</i>	10		43621–43630	GU23706–GU237070	M. O. Santos
					O. Haddrath
					A. J. Baker
					T. R. O. Freitas
<i>Haliotis tuberculata</i>	8		43664–43671	FN598961	Valérie Roussel,
				FN598963	Sylvain Huchette,
				FN598966	Alain van Wormhoudt
				FN598968	
				FN598962	
				FN598964	
				FN598965	
				FN598967	

Table 1 (Continued)

Species	No. primers developed	Other species tested	MER database no.	GenBank accession no.	Authors
<i>Helianthus maximiliani</i>	13		43692–43704	EL454381 EL471687 EL457289 EL440208 EL443778 EL443417 EL442042 EL454834 EL456529 EL464937 EL434592 EL444590 EL459015	Takeshi Kawakami Preeti Dhakal Rose A. Keith, Nolan C. Kane, Mark C. Ungerer
<i>Laricobius nigrinus</i> , <i>Laricobius rubidus</i>	10	<i>Laricobius laticollis</i> , <i>Laricobius osakensis</i>	43672–43676 43679 43680 43682–43685 43686	GU363139–GU363148	Joanne L. Klein, Adalgisa Caccone, Nathan P. Havill,
<i>Neoheligionella granjoni</i>	13		44049–44061	GU938600–GU938612	A. Loiseau, J. M. Duplantier, M. Kane, C. Brouat
<i>Nephrops norvegicus</i>	8		43716–43723	GU559883–GU559890	S. Skirnisdottir, K. Olafsson, S. Hauksdottir, C. Pampoulie, G. O. Hreggvidsson, G. H. Gunnarsson, S. Hjorleifsdottir
<i>Oenanthe javanica</i>	11		43652–43662	FJ825610–FJ825614, FJ825616–FJ825617, GQ184291–GQ184293	Lei Pan, Qiuju Xia, Weidong Ke, Yi Ding
<i>Paramuricea clavata</i>	11		43705–43715	GU386255–GU386265	Kenza Mokhtar-Jamaï Lorraine Bottin Audrey Chaix Didier Aurelle Didier Forcioli
<i>Pyrrhura orcesi</i>	11		43578–43588	GU230799–GU230809	Marie Lucas, Nadine Klauke, H. Martin Schaefer, Marielle Heinrich, Gernot Segelbacher
<i>Samanea saman</i>	24		43597–43620	GU229860–GU229883	Chunhong Li, Yokking Fong, Yan Hong