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

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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*, *Neoheligmoneilla 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 GU130822 GU130824 GU130830 GU130832 GU130835 GU130837 GU130840 GU130842 GU130847 GU130849 GU130850 GU130852 GU130853 GU130855 GU130856 GU130857 GU130858 GU130865 GU130867 GU130869 GU130870 GU130871 GU130872 GU130877 GU130878 GU130881 GU130887 GU130890 GU130891 GU130895 GU130903 GU130909	Jinjun Li Junda Shen Zhengrong Tao Jindong Ren Guoqin Li Degian Wang Yong Tian Qingyan Yuan Lizhi Lu

**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 GU253073 GU253075 GU252860 GU171390–GU171392	Timothy A. Rinehart, Robert N. Trigiano, Phillip A. Wadl, Denita Hadziabdic, Margaret R. Pooler, Brian E. Scheffler
<i>Glis glis</i>	10		43643–43651	GU252357 GU252358 GU252360–GU252367	Gernot Segelbacher, Jürgen Tomiuk, Tanja Heinz, Jürgen FJ Kun, Tanja Weis-Dootz, Joanna Fietz
<i>Gubernatrix cristata</i>	10		43621–43630	GU23706–GU237070	C. Martins-Ferreira M. O. Santos O. Haddrath A. J. Baker T. R. O. Freitas
<i>Haliotis tuberculata</i>	8		43664–43671	FN598961 FN598963 FN598966 FN598968 FN598962 FN598964 FN598965 FN598967	Valérie Roussel, Sylvain Huchette, Alain van Wormhoudt

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>Neoheligonella 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