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Supplementary Table S2 GenBank accession numbers of *Microtus* species used in *p53* exons 5-7 and *cytb* gene analyses.

Species	GenBank accession numbers	Reference
p53 exons 5-7		
<i>Microtus agrestis</i>	AF014046	DeWoody, 1999
<i>Microtus arvalis</i>	AF014018-21, 23, 25-26, 29, 31-32, 38-42	DeWoody, 1999
<i>Microtus oeconomus</i>	AF014043-45	DeWoody, 1999
<i>Microtus rossiaemeridionalis</i>	AF014017, 22, 24, 27-28, 30, 33-36	DeWoody, 1999
<i>Microtus ochrogaster</i>	XM_005349777	-
cytb gene		
<i>Microtus duodecimcostatus</i>	AY513796-7	Jaarola et al, 2004
<i>Microtus duodecimcostatus</i>	AJ717744	Tougaard et al, 2008
<i>Microtus duodecimcostatus</i>	JX457797-806	Barbosa et al, 2013
<i>Microtus duodecimcostatus</i>	JX424124-130,136-139,141,142,158,161-174,176-179,181,182,191-197, 211	Bastos-Silveira et al, 2012
<i>Microtus lusitanicus</i>	AY513812-3	Jaarola et al, 2004
<i>Microtus lusitanicus</i>	AJ717746	Tougaard et al, 2008
<i>Microtus lusitanicus</i>	JX457761-96	Barbosa et al, 2013
<i>Microtus lusitanicus</i>	JX424119-123,131,133-135,140,143,144,146-156,159,160,175,183,198- 210	Bastos-Silveira et al, 2012
<i>Microtus gerbei</i>	AY513800	Jaarola et al, 2004
<i>Microtus gerbei</i>	JX457807	Barbosa et al, 2013

References:

Barbosa S, Pauperio J, Searle JB, Alves PC (2013). Genetic identification of Iberian rodent species using both mitochondrial and nuclear loci: application to noninvasive sampling. *Mol Ecol Resour* 13(1): 43-56.

Bastos-Silveira C, Santos SM, Monarca R, Mathias Mda L, Heckel G (2012). Deep mitochondrial introgression and hybridization among ecologically divergent vole species. *Mol Ecol* 21(21): 5309-5323.

DeWoody JA (1999). Nucleotide variation in the p53 tumor-suppressor gene of voles from Chernobyl, Ukraine. *Mutat Res* 439(1): 25-36.

Jaarola M, Martinkova N, Gunduz I, Brunhoff C, Zima J, Nadachowski A et al (2004). Molecular phylogeny of the speciose vole genus *Microtus* (Arvicolinae, Rodentia) inferred from mitochondrial DNA sequences. *Mol Phylogenet Evol* 33(3): 647-663.

Tougard C, Brunet-Lecomte P, Fabre M, Montuire S (2008). Evolutionary history of two allopatric *Terricola* species (Arvicolinae, Rodentia) from molecular, morphological, and palaeontological data. *Biol J Linn Soc* 93(2): 309-323.