**Table S1.** Information on cytochrome *b* sequences of three species of snow voles (*Chionomys*) retrieved from GenBank: geographic origin of the samples and GenBank accession numbers are provided. Subspecies names are reported only for *C. nivalis*.

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| --- | --- | --- | --- |
| Accession no. | Sub-species | Country, Locality | Reference |
| 1\_L14841 | *C. n. spitzenbergerae* | Turkey, Maden Köy, Ulukışla, Niğde | Arslan et al. 2016 |
| 2\_L14841 | *C. n. spitzenbergerae* | Turkey, Maden Köy, Ulukışla, Niğde | Arslan et al. 2016 |
| JN244707 | *C. nivalis* | Turkey, Aladağ, Central Taurus | Bannikova et al. 2013 |
| AY332715 | *C. n. nivalis* | Switzerland | Pfunder et al. 2004 |
| GQ150794 | *C. n. nivalis* | Italy, Marta Alpi Ligur | Castiglia et al. 2009 |
| GQ150795 | *C. n. nivalis* | Italy, Val Masino | Castiglia et al. 2009 |
| GQ150796 | *C. n. nivalis* | Italy, Val Masino | Castiglia et al. 2009 |
| GQ150797 | *C. n. nivalis* | Italy, Valle d’Aosta | Castiglia et al. 2009 |
| GQ150798 | *C. n. nivalis* | Italy, Valle d’Aosta | Castiglia et al. 2009 |
| GQ150799 | *C. n. nivalis* | Italy, Gran Sasso | Castiglia et al. 2009 |
| GQ150800 | *C. n. nivalis* | Italy, Marta Alpi Liguri | Castiglia et al. 2009 |
| GQ150801 | *C. n. nivalis* | Italy, Valle d’Aosta | Castiglia et al. 2009 |
| GQ150802 | *C. n. nivalis* | Italy, Duchessa | Castiglia et al. 2009 |
| GU954316 | *C. n. nivalis* | Switzerland, Derborence | Fink et al. 2010 |
| GU954317 | *C. n. nivalis* | Switzerland, Derborence | Fink et al. 2010 |
| AY332716 | *C. n. nivalis* | Switzerland | Pfunder et al. 2004 |
| AY513845 | *C. n. nivalis* | Italy, Trento | Jaarola et al. 2004 |
| AY513846 | *C. n. nivalis* | Italy, Trento | Jaarola et al. 2004 |
| AY513847 | *C. n. mirhanreini* | Slovakia, W Tatra Mts | Jaarola et al. 2004 |
| GQ150786 | *C. n. cedrorum* | Turkey, Ciglikara | Castiglia et al. 2009 |
| GQ150787 | *C. n. cedrorum* | Turkey, Ciglikara | Castiglia et al. 2009 |
| GQ150788 | *C. n. cedrorum* | Turkey, Ciglikara | Castiglia et al. 2009 |
| GQ150789 | *C. n. hermoni* | Israel, Mts. Hermon | Castiglia et al. 2009 |
| GQ150790 | *C. n. hermoni* | Israel, Mts. Hermon | Castiglia et al. 2009 |
| AY513849 | *C. n. hermoni* | Syria, Saleh | Jaarola et al. 2004 |
| GQ150791 | *C. n. malyi* | Macedonia, Mts. Pelister | Castiglia et al. 2009 |
| GQ150792 | *C. n.wagneri* | Slovenia, Mts. Sneznik | Castiglia et al. 2009 |
| GQ150793 | *C. n.wagneri* | Slovenia, Mts. Sneznik | Castiglia et al. 2009 |
| GQ352464 | *C. n. aleco* | Bulgaria, Mts. Vitosha | Bannikova et al. 2010 |
| JN244706 | *C. n. aleco* | Bulgaria, Pirin | Bannikova et al. 2013 |
| GQ352465 | *C. n. ulpius* | Ukraine, E Carpathians, Mts. Breskul | Bannikova et al. 2010 |
| HQ901799 | *C. n. terialeticus* | Georgia, Tskhra-tskharo | Yannic et al. 2012 |
| HQ901800 | *C. n. terialeticus* | Georgia, Tskhra-tskharo | Yannic et al. 2012 |
| HQ901801 | *C. n. terialeticus* | Georgia, Tskhra-tskharo | Yannic et al. 2012 |
| HQ901802 | *C. n. terialeticus* | Georgia, Tskhra-tskharo | Yannic et al. 2012 |
| HQ901803 | *C. n. terialeticus* | Georgia, Tskhra-tskharo | Yannic et al. 2012 |
| HQ901804 | *C. n. dementievi* | Turkmenistan, Ashabad, Kopet-Dagh | Yannic et al. 2012 |
| HQ901805 | *C. n. dementievi* | Turkmenistan, Ashabad, Kopet-Dagh | Yannic et al. 2012 |
| HQ901806 | *C. n. dementievi* | Turkmenistan, Ashabad, Kopet-Dagh | Yannic et al. 2012 |
| HQ901807 | *C. n. dementievi* | Turkmenistan, Ashabad, Kopet-Dagh | Yannic et al. 2012 |
| JX457752 | *C. n. abulensis* | Iberian Penninsula | Barbosa et al. 2013 |
| JX457753 | *C. n. abulensis* | Iberian Penninsula | Barbosa et al. 2013 |
| JX457754 | *C. n. abulensis* | Iberian Penninsula | Barbosa et al. 2013 |
| GU987115 | *C. n. abulensis* | Spain | Fink et al. 2010 |
| AY513848 | *C. n. abulensis* | Spain, Girona | Jaarola et al. 2004 |
| AM392367 | *C. n. abulensis* | Spain, Sierra de Gredos | Galewski et al. 2006 |
| JX440341 | *C. n. loginovi* | Russia: Adygea, NW Caucasus | Bannikova et al. 2013 |
| JX440342 | *C. n. loginovi* | Russia: Adygea, NW Caucasus | Bannikova et al. 2013 |
| EU700087 | *C. gud* | Turkey, Ardahan | Bužan & Kryštufek 2008 |
| HQ901796 | *C. gud* | Russia, Daghestan, Andyiskoye Koisu | Yannic et al. 2012 |
| HQ901798 | *C. gud* | Russia, Daghestan, Andyiskoye Koisu | Yannic et al. 2012 |
| HQ901797 | *C. gud* | Georgia, Gudaury, Krestovy Pereval | Yannic et al. 2012 |
| GQ352457 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus | Bannikova et al. 2013 |
| JN244685 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus | Bannikova et al. 2013 |
| GQ352458 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus | Bannikova et al. 2013 |
| JN244695 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus | Bannikova et al. 2013 |
| JN244686 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus | Bannikova et al. 2013 |
| JN244687 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus | Bannikova et al. 2013 |
| GQ352460 | *C. gud* | Russia, Stavropol, Mts. Razvalka | Bannikova et al. 2013 |
| GQ352461 | *C. gud* | Russia, Adygea, Laganaki | Bannikova et al. 2013 |
| GQ352463 | *C. gud* | Russia, Adygea, Laganaki | Bannikova et al. 2013 |
| JN244677 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus, Narzan Valley | Bannikova et al. 2013 |
| JN244678 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus, Narzan Valley | Bannikova et al. 2013 |
| JN244679 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus, Narzan Valley | Bannikova et al. 2013 |
| JN244680 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus, Narzan Valley | Bannikova et al. 2013 |
| JN244681 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus, Narzan Valley | Bannikova et al. 2013 |
| JN244682 | *C. gud* | Russia, Kabardino-Balkaria, Elbrus, Narzan Valley | Bannikova et al. 2013 |
| JN244683 | *C. gud* | Russia, Kabardino- Balkaria, vicinity of the Mts. Elbrus, Tegenekli | Bannikova et al. 2013 |
| JN244684 | *C. gud* | Russia, Kabardino\_Balkaria, vicinity of the Mts. Elbrus, Tegenekli | Bannikova et al. 2013 |
| JN244689 | *C. gud* | Russia, Stavropol, Mts. Razvalka | Bannikova et al. 2013 |
| JN244690 | *C. gud* | Russia, Stavropol, Mts. Razvalka | Bannikova et al. 2013 |
| JN244691 | *C. gud* | Russia, Stavropol, Mts. Razvalka | Bannikova et al. 2013 |
| JN244692 | *C. gud* | Russia, Kabardino-Balkaria, Bezengi | Bannikova et al. 2013 |
| JN244693 | *C. gud* | Russia, Kabardino-Balkaria, Bezengi | Bannikova et al. 2013 |
| JN244694 | *C. gud* | Russia, Kabardino-Balkaria, Bezengi | Bannikova et al. 2013 |
| JN244696 | *C. gud* | Russia, Kabardino\_Balkaria, vicinity of the Mt. Elbrus, Tegenekli | Bannikova et al. 2013 |
| GQ352459 | *C. roberti* | Russia, Adygea, Laganaki | Bannikova et al. 2013 |
| GQ352462 | *C. roberti* | Russia, Adygea, Guzeripl | Bannikova et al. 2013 |
| HQ901791 | *C. roberti* | Russian, Adygea, Caucasian BNR | Yannic et al. 2012 |
| HQ901792 | *C. roberti* | Russian, Adygea, Caucasian BNR | Yannic et al. 2012 |
| HQ901793 | *C. roberti* | Russian, Adygea, Caucasian BNR | Yannic et al. 2012 |
| HQ901794 | *C. roberti* | Russian, N Ossetia-Alani, Tarskoe | Yannic et al. 2012 |
| HQ901795 | *C. roberti* | Russian, N Ossetia-Alani, Tarskoe | Yannic et al. 2012 |
| JN244697 | *C. roberti* | Russia, Adygea, Guzeripl | Bannikova et al. 2013 |
| JN244698 | *C. roberti* | Russia, Adygea, Guzeripl | Bannikova et al. 2013 |
| JN244699 | *C. roberti* | Russia, Adygea, Guzeripl | Bannikova et al. 2013 |
| JN244700 | *C. roberti* | Russia, Abkhazia, Lake Ritsa | Bannikova et al. 2013 |
| JN244701 | *C. roberti* | Russia, Abkhazia, Lake Ritsa | Bannikova et al. 2013 |
| JN244702 | *C. roberti* | Russia, Abkhazia, Lake Ritsa | Bannikova et al. 2013 |
| JN244703 | *C. roberti* | Russia, Abkhazia, Lake Ritsa | Bannikova et al. 2013 |
| JN244705 | *C. roberti* | Russia, Abkhazia, Lake Ritsa | Bannikova et al. 2013 |
| JN244704 | *C. roberti* | Russia, Abkhazia, Lake Ritsa | Bannikova et al. 2013 |
| AY513850 | *C. roberti* | Turkey, Altındere Vadis | Jaarola et al. 2004 |
| AY513851 | *C. roberti* | Georgia, Datvisi | Jaarola et al. 2004 |