**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 |