

**Evolutionary ecology of hares (*Lepus* spp.) from
northwestern Africa; The problem of cryptic species
and the description of a new species (*Lepus saharae* sp.
nov.)**

APPENDIX

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APPENDIX

Table S1: Samples collected for this study.

Sample name	Location	Year of collection
LschMoroc1	Guelmim, Morocco	2013
LsahMoroc2	20 km NW of Auserd, western Sahara, Morocco	2013
LsahMoroc3	34 km NW of Auserd, western Sahara, Morocco	2013
LsahMoroc4	190 km S of Dakhla, western Sahara, Morocco	2013
LmedMoroc5	Aghbala, Morocco	2016
LmedMoroc6	Aghbala, Morocco	2016
LschMoroc7	Aydar, Morocco	2016
LschMoroc8	Aydar, Morocco	2016
LmedMoroc9	Rif, Morocco	2018
LmedMoroc10	Rif, Morocco	2018
LmedMoroc11	Rif, Morocco	2018
LmedMoroc12	Rif, Morocco	2018
LmedMoroc13	Rif, Morocco	2018
LmedMoroc14	Rif, Morocco	2018
LmedMoroc15	Rif, Morocco	2018
LschMoroc16	250 km N of Dakhla, western Sahara, Morocco	2018
LschMoroc17	70 km S of Smara, western Sahara, Morocco	2018
LsahMoroc18	92 km NW of Auserd, western Sahara, Morocco	2018

Table S2: Primers and PCR conditions used for DNA amplification.

Sequence: All primers are listed 5' to 3'

T_m (°C): Annealing temperature

Ref. Article: Studies consulted for the preparation of primers and PCRs

Mitochondrial DNA (primers)**12s RIBOSOMAL DNA**

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size	
12s rDNA	Forward	5'- GGGATTAGATACCCCACTATGC -3'	52	Gaubert <i>et al.</i> 2015	384-430
	Reverse	5'- GTGACGGGCGGTGTGT -3'			

16s RIBOSOMAL DNA

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size	
16s rDNA	Forward	5'- CGCCTGTTTACCAAAAACATC -3'	52	Gaubert <i>et al.</i> 2015	510-529
	Reverse	5'- AATCGTTGAACAAACGAACC -3'			

CYTOCHROME OXIDASE I

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size	
COI	Forward	5'- CACAAACCACAAAGAYATYGG -3'	50	Gaubert <i>et al.</i> 2015	658
	Reverse	5'- TCAGGGTGTCCAAARAAYCA -3'			

CONTROL REGION

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size	
CR	Forward	5' AAGAACCAGATGCCAGTTATAG 3'	50	Kasapidis <i>et al.</i> 2005	445 - 460
	Reverse	5' AATTCTCTTTAAACTATTCTCTGC 3'			

CYTOCHROME B

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size	
CYTB	Forward	5' AGCCTGATGAACTTTGGCTC 3'	52	Alves <i>et al.</i> 2003	926 - 1046
	Reverse	5' GGATTTTATTCTCGACTAAGC 3'			

Nuclear DNA (primers)

ALBUMIN

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size
ALB	Forward	5'GGCACTTGTTGAGTTGGTGA 3'	Alves <i>et al.</i> 2008	611 - 613
	Reverse	5'GCCTAAGGTAGCTTTACTTGATTC 3'		

CARBONIC ANHYDRASE II

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size
CAII	Forward	5'GGGACCTTTGGGGTCATAGT 3'	Alves <i>et al.</i> 2008	679 - 683
	Reverse	5'CTGACAGTGATGGGTTTCCTT 3'		

KIT LIGAND

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size
KITLG	Forward	5' AAATATCAGTCTTGAATCTTAC3'	Mathee <i>et al.</i> 2004 / Kong <i>et al.</i> 2014	566 - 764
	Reverse	5' TTTTAGATGAATTACAGTGTCC3'		

PROTEIN KINASE C IOTA

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size
PRKC1	Forward	5' AAACAGATCGCATTTTATGCAAT3'	Mathee <i>et al.</i> 2004 / Villalba, 2015	372 - 557
	Reverse	5' TGTCTGTACCCAGTCAATATC3'		

BETA SPECTRIN

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size
SPTBN1	Forward	5' CTCTGCCCAGAAGTTTGCAAC3'	Mathee <i>et al.</i> 2004	600 - 691
	Reverse	5' TGATAGCAGAACTCCATGTGG3'		

TRANSFERRIN

Oligo Name	Sequence	T _m (°C)	Ref. Article	Size
TF	Forward	5' GCCTTTGTCAAGCAAGAGACC3'	Alves <i>et al.</i> 2003	430 - 474

Mitochondrial DNA (PCR conditions)

Thermocycling profile (12s and 16s ribosomal DNA)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	94	2 minutes
Denaturation	35	92	30 seconds
Annealing		52	30 sec
Elongation		72	30 sec
Extension step	1	72	15 min

Thermocycling profile (COI)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	94	2 min
Denaturation	35	92	30 sec
Annealing		50	30 sec
Elongation		72	30 sec
Extension step	1	72	15 min

Thermocycling profile (CR)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	94	2 min
Denaturation	35	94	1 min
Annealing		50	45 sec
Elongation		72	45 sec
Extension step	1	72	5 min

Thermocycling profile (CYTB)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	94	2 min
Denaturation	35	92	30 sec
Annealing		52	30 sec
Elongation		72	30 sec
Extension step	1	72	5 min

Nuclear DNA (PCR conditions)

Thermocycling profile (ALB)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	92	5 min
Denaturation	35	92	45 sec
Annealing		57	30 sec
Elongation		72	35 sec
Extension step	1	72	4 min

Thermocycling profile (CAII)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	94	5 min

Denaturation	35	92	45 sec
Annealing		64	30 sec
Elongation		72	35 sec
Extension step	1	72	4 min

Thermocycling profile (KITLG)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	95	4 min
Denaturation	30	95	30 sec
Annealing		50	30 sec
Elongation		72	60 sec
Extension step	1	72	7 min

Thermocycling profile (PRKC1)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	94	4 min
Denaturation	37	94	45 sec
Annealing		54	45 sec
Elongation		72	45 sec
Extension step	1	72	10 min

Thermocycling profile (SPTBN1)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	92	5 min
Denaturation	35	94	30 sec
Annealing		57	30 sec
Elongation		70	60 sec
Extension step	1	72	4 min

Thermocycling profile (TF)			
Step	Cycles	Temperature (°C)	Time
Initial denaturation	1	94	3 min
Denaturation	35/40	92	30 sec
Annealing		57	30 sec
Elongation		72	30 sec
Extension step	1	72	5 min

References

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Table S3. Tables with information about sequences used in this study.

Name/code: Name given to the sequences in this study. The sequences in blue were chosen when the phylogenetic trees were performed with haplotypes. Each sequence represents a haplotype.

Country/mainland...: We indicate the country / mainland of origin of the sample whenever possible.

Haplotype: Haplotypes obtained in this study.

Authors: (Unp) = unpublished

Year: Year of publication of the study or the sequence in GenBank (if the work is unpublished)

A) Sequences used for CR mtDNA analyses

Name/code	Country / Mainland	GenBank	<i>Lepus sp.</i>	Haplotype	Authors	Year
Lame1_CR	Canada	HM771308	<i>L. americanus</i>	Cr1	Cheng <i>et al.</i>	2014
Lame2_CR	USA	JN037401	<i>L. americanus</i>	Cr2	Melo-Ferreira <i>et al.</i>	2011b
Lame3_CR	USA	NC_024043/ KJ397613	<i>L. americanus</i>	Cr3	Melo-Ferreira <i>et al.</i>	2014
Larc1_CR	Canada	KJ397606	<i>L. arcticus</i>	Cr4	Melo-Ferreira <i>et al.</i>	2014
Larc2_CR	Canadá	KJ397607	<i>L. arcticus</i>	Cr5	Melo-Ferreira <i>et al.</i>	2014
Lcal1_CR	USA	KJ397614	<i>L. californicus</i>	Cr6	Melo-Ferreira <i>et al.</i>	2014
Lcal2_CR	USA	KP735514	<i>L. californicus</i>	Cr7	Álvarez-Castañeda and Lorenzo	2017

Lcap1_CR_(Mauritania)	Mauritania	KJ397612	<i>L. capensis</i>	Cr8	Melo-Ferreira <i>et al.</i>	2014
Lcap2_CR_(Tunisia)	Tunisia	DQ207740	<i>L. capensis</i>	Cr9	Ben Slimen <i>et al.</i>	2007
Lcap3_CR_(Tunisia)	Tunisia	DQ207741	<i>L. capensis</i>	Cr10	Ben Slimen <i>et al.</i>	2007
Lcap4_CR_(Tunisia)	Tunisia	DQ207742	<i>L. capensis</i>	Cr11	Ben Slimen <i>et al.</i>	2007
Lcap5_CR_(Tunisia)	Tunisia	DQ207743	<i>L. capensis</i>	Cr12	Ben Slimen <i>et al.</i>	2007
Lcap6_CR_(Tunisia)	Tunisia	DQ207744	<i>L. capensis</i>	Cr13	Ben Slimen <i>et al.</i>	2007
Lcap7_CR_(Tunisia)	Tunisia	DQ207745	<i>L. capensis</i>	Cr14	Ben Slimen <i>et al.</i>	2007
Lcap8_CR_(Tunisia)	Tunisia	DQ207746	<i>L. capensis</i>	Cr15	Ben Slimen <i>et al.</i>	2007
Lcap9_CR_(Egypt)	Egypt	DQ207747	<i>L. capensis</i>	Cr16	Ben Slimen <i>et al.</i>	2007
Lcap10_CR_(South_Africa)	South Africa: Victoria West	DQ207748	<i>L. capensis</i> / <i>L. saxatilis</i> ?	Cr17	Sunchentrunk and Slimen (Unp.)	2007
Lcap11_CR_(Sardinia)	Italy: Sardinia	DQ381403	<i>L. capensis</i>	Cr9	Scandura <i>et al.</i>	2007
Lcap12_CR_(Sardinia)	Italy: Sardinia	DQ381404	<i>L. capensis</i>	Cr18	Scandura <i>et al.</i>	2007
Lcap13_CR_(Sardinia)	Italy: Sardinia	DQ381405	<i>L. capensis</i>	Cr19	Scandura <i>et al.</i>	2007
Lcap14_CR_(Sardinia)	Italy: Sardinia	DQ381406	<i>L. capensis</i>	Cr20	Scandura <i>et al.</i>	2007

Lcap15_CR_(Sardinia)	Italy: Sardinia	DQ381407	<i>L. capensis</i>	Cr21	Scandura <i>et al.</i>	2007
Lcap16_CR_(Sardinia)	Italy: Sardinia	DQ381408	<i>L. capensis</i>	Cr9	Scandura <i>et al.</i>	2007
Lcap17_CR_(Sardinia)	Italy: Sardinia	DQ381409	<i>L. capensis</i>	Cr22	Scandura <i>et al.</i>	2007
Lcap18_CR_(Sardinia)	Italy: Sardinia	DQ381410	<i>L. capensis</i>	Cr23	Scandura <i>et al.</i>	2007
Lcap19_CR_(Sardinia)	Italy: Sardinia	DQ381411	<i>L. capensis</i>	Cr19	Scandura <i>et al.</i>	2007
Lcap20_CR_(Sardinia)	Italy: Sardinia	DQ381412	<i>L. capensis</i>	Cr24	Scandura <i>et al.</i>	2007
Lcap21_CR_(Sardinia)	Italy: Sardinia	DQ381413	<i>L. capensis</i>	Cr19	Scandura <i>et al.</i>	2007
Lcap22_CR_(Sardinia)	Italy: Sardinia	DQ381414	<i>L. capensis</i>	Cr25	Scandura <i>et al.</i>	2007
Lcap23_CR_(Sardinia)	Italy: Sardinia	DQ381415	<i>L. capensis</i>	Cr26	Scandura <i>et al.</i>	2007
Lcap24_CR_(Sardinia)	Italy: Sardinia	DQ381416	<i>L. capensis</i>	Cr24	Scandura <i>et al.</i>	2007
Lcap25_CR_(Sardinia)	Italy: Sardinia	DQ381417	<i>L. capensis</i>	Cr19	Scandura <i>et al.</i>	2007
Lcap26_CR_(Sardinia)	Italy: Sardinia	DQ381418	<i>L. capensis</i>	Cr9	Scandura <i>et al.</i>	2007
Lcap27_CR_(Sardinia)	Italy: Sardinia	DQ381419	<i>L. capensis</i>	Cr27	Scandura <i>et al.</i>	2007
Lcap28_CR_(South_Africa)	Victoria West (South Africa)	EF543150	<i>L. capensis</i>	Cr28	Ben Slimen <i>et al.</i>	2008

Lcap29_CR_(South_Africa)	Victoria West (South Africa)	EF543151	<i>L. capensis</i>	Cr29	Ben Slimen <i>et al.</i>	2008
Lcap30_CR_(South_Africa)	Victoria West (South Africa)	EF543152	<i>L. capensis</i>	Cr30	Ben Slimen <i>et al.</i>	2008
Lcap31_CR_(South_Africa)	Victoria West (South Africa)	EF543153	<i>L. capensis</i>	Cr31	Ben Slimen <i>et al.</i>	2008
Lcap32_CR_(South_Africa)	Victoria West (South Africa)	EF543154	<i>L. capensis</i>	Cr32	Ben Slimen <i>et al.</i>	2008
Lcap33_CR_(South_Africa)	South Africa	FJ829818	<i>L. capensis kalaharicus</i>	Cr33	Suchentrunk <i>et al.</i>	2009
Lcap34_CR_(South_Africa)	South Africa	FJ829819	<i>L. capensis kalaharicus</i>	Cr34	Suchentrunk <i>et al.</i>	2009
Lcap35_CR_(South_Africa)	South Africa	FJ829820	<i>L. capensis kalaharicus</i>	Cr35	Suchentrunk <i>et al.</i>	2009
Lcap36_CR_(South_Africa)	South Africa	FJ829821	<i>L. capensis kalaharicus</i>	Cr36	Suchentrunk <i>et al.</i>	2009
Lcap37_CR_(South_Africa)	South Africa	FJ829822	<i>L. capensis ermeloensis</i>	Cr37	Suchentrunk <i>et al.</i>	2009
Lcap38_CR_(South_Africa)	South Africa	FJ829823	<i>L. capensis verneyi</i>	Cr38	Suchentrunk <i>et al.</i>	2009
Lcap39_CR_(South_Africa)	South Africa	FJ829824	<i>L. capensis ochropus</i>	Cr39	Suchentrunk <i>et al.</i>	2009
Lcap40_CR_(South_Africa)	South Africa	FJ829825	<i>L. capensis verneyi</i>	Cr40	Suchentrunk <i>et al.</i>	2009
Lcap41_CR_(South_Africa)	South Africa	FJ829826	<i>L. capensis ochropus</i>	Cr41	Suchentrunk <i>et al.</i>	2009
Lcap42_CR_(South_Africa)	South Africa	FJ829827	<i>L. capensis ochropus</i>	Cr42	Suchentrunk <i>et al.</i>	2009

Lcap43_CR_(South_Africa)	South Africa	FJ829828	<i>L. capensis verneyi</i>	Cr43	Suchentrunk <i>et al.</i>	2009
Lcap44_CR_(South_Africa)	South Africa	FJ829829	<i>L. capensis verneyi</i>	Cr44	Suchentrunk <i>et al.</i>	2009
Lcap45_CR_(South_Africa)	South Africa	FJ829830	<i>L. capensis ochropus</i>	Cr45	Suchentrunk <i>et al.</i>	2009
Lcap46_CR_(South_Africa)	South Africa	FJ829831	<i>L. capensis hartensis</i>	Cr46	Suchentrunk <i>et al.</i>	2009
Lcap47_CR_(South_Africa)	South Africa	FJ829832	<i>L. capensis kalaharicu</i>	Cr47	Suchentrunk <i>et al.</i>	2009
Lcap48_CR_(South_Africa)	South Africa	FJ829833	<i>L. capensis kalaharicus</i>	Cr48	Suchentrunk <i>et al.</i>	2009
Lcap49_CR_(South_Africa)	South Africa	FJ829834	<i>L. capensis kalaharicus</i>	Cr49	Suchentrunk <i>et al.</i>	2009
Lcap50_CR_(South_Africa)	South Africa	FJ829835	<i>L. capensis ochropus</i>	Cr50	Suchentrunk <i>et al.</i>	2009
Lcap51_CR_(South_Africa)	South Africa	FJ829836	<i>L. capensis ochropus</i>	Cr51	Suchentrunk <i>et al.</i>	2009
Lcap52_CR_(South_Africa)	South Africa	FJ829837	<i>L. capensis kalaharicus</i>	Cr52	Suchentrunk <i>et al.</i>	2009
Lcap53_CR_(South_Africa)	South Africa	FJ829838	<i>L. capensis verneyi</i>	Cr53	Suchentrunk <i>et al.</i>	2009
Lcap54_CR_(South_Africa)	South Africa	FJ829839	<i>L. capensis hartensis</i>	Cr54	Suchentrunk <i>et al.</i>	2009
Lcap55_CR_(South_Africa)	South Africa	FJ829840	<i>L. capensis ochropus</i>	Cr55	Suchentrunk <i>et al.</i>	2009
Lcap56_CR_(South_Africa)	South Africa	FJ829841	<i>L. capensis kalaharicus</i>	Cr56	Suchentrunk <i>et al.</i>	2009

Lcap57_CR_(South_Africa)	South Africa	FJ829842	<i>L. capensis kalaharicus</i>	Cr57	Suchentrunk <i>et al.</i>	2009
Lcap58_CR_(South_Africa)	South Africa	FJ829843	<i>L. capensis ermeloensis</i>	Cr58	Suchentrunk <i>et al.</i>	2009
Lcap59_CR_(South_Africa)	South Africa	FJ829844	<i>L. capensis ermeloensis</i>	Cr59	Suchentrunk <i>et al.</i>	2009
Lcap60_CR_(South_Africa)	South Africa	FJ829845	<i>L. capensis bedfordi</i>	Cr60	Suchentrunk <i>et al.</i>	2009
Lcap61_CR_(South_Africa)	South Africa	FJ829846	<i>L. capensis centralis</i>	Cr61	Suchentrunk <i>et al.</i>	2009
Lcap62_CR_(South_Africa)	South Africa	FJ829847	<i>L. capensis centralis</i>	Cr62	Suchentrunk <i>et al.</i>	2009
Lcap63_CR_(South_Africa)	South Africa	FJ829848	<i>L. capensis centralis</i>	Cr63	Suchentrunk <i>et al.</i>	2009
Lcap64_CR_(South_Africa)	South Africa	FJ829849	<i>L. c. capensis</i>	Cr64	Suchentrunk <i>et al.</i>	2009
Lcap65_CR_(South_Africa)	South Africa	FJ829850	<i>L. c. capensis</i>	Cr65	Suchentrunk <i>et al.</i>	2009
Lcap66_CR_(South_Africa)	South Africa	FJ829851	<i>L. capensis capensis</i>	Cr66	Suchentrunk <i>et al.</i>	2009
Lcap67_CR_(South_Africa)	South Africa	FJ829852	<i>L. capensis capensis</i>	Cr67	Suchentrunk <i>et al.</i>	2009
Lcap68_CR_(South_Africa)	South Africa	FJ829853	<i>L. capensis capensis</i>	Cr68	Suchentrunk <i>et al.</i>	2009
Lcap69_CR_(Morocco)	Morocco	JN037391	<i>L. capensis</i>	Cr69	Melo-Ferreira <i>et al.</i>	2011b
Lcap70_CR_(Morocco)	Morocco	JN037392	<i>L. capensis</i>	Cr70	Melo-Ferreira <i>et al.</i>	2011b

Lcap71_CR_(Tunisia)	Tunisia	JN037393	<i>L. capensis</i>	Cr71	Melo-Ferreira <i>et al.</i>	2011b
Lcap72_CR_(Sardinia)	Italy: Sardinia	JQ436534	<i>L. cap mediterraneus</i>	Cr72	Canu <i>et al.</i>	2011
Lcap73_CR_(Sardinia)	Italy: Sardinia	JQ436535	<i>L. cap mediterraneus</i>	Cr73	Canu <i>et al.</i>	2011
Lcap74_CR_(China)	China	NC_015841 / GU937113	<i>L. capensis</i>	Cr74	Wang and Yang (Unp)	2016
Lcas1_CR	Spain	DQ883207	<i>L. castroviejo</i>	Cr75	Melo-Ferreira <i>et al.</i>	2007
Lcas2_CR	Spain	JN037383	<i>L. castroviejo</i>	Cr76	Melo-Ferreira <i>et al.</i>	2011b
Lcas3_CR	Spain	JN037384	<i>L. castroviejo</i>	Cr76	Melo-Ferreira <i>et al.</i>	2011b
Lcas4_CR	Spain	JN037385	<i>L. castroviejo</i>	Cr77	Melo-Ferreira <i>et al.</i>	2011b
Lcas5_CR	Spain	JN037386	<i>L. castroviejo</i>	Cr78	Melo-Ferreira <i>et al.</i>	2011b
Lcas6_CR	Spain	JN037387	<i>L. castroviejo</i>	Cr79	Melo-Ferreira <i>et al.</i>	2011b
Lcas7_CR	Spain	JN037388	<i>L. castroviejo</i>	Cr80	Melo-Ferreira <i>et al.</i>	2011b
Lcom1_CR	China	AJ241540	<i>L. comus pygmaeus</i>	Cr81	Chunhu and Yaping	1999
Lcom2_CR	China	AJ287984	<i>L. comus</i>	Cr82	Wu and Zhang (Unp)	2000
Lcom3_CR	China	HM233222	<i>L. comus</i>	Cr81	Liu <i>et al.</i>	2011

Lcor1_CR	South Korea: Kangwon Province	AY422326	<i>L. coreanus</i>	Cr83	Waltari <i>et al.</i> (Unp)	2004
Lcor2_CR	Korea	NC_024259 / KF040450	<i>L. coreanus</i>	Cr84	Yu <i>et al.</i>	2015
Lcors1_CR	Italy	EU200450	<i>L. corsicanus</i>	Cr85	Suchentrunk <i>et al.</i>	2007
Lcors2_CR	Italy	EU200451	<i>L. corsicanus</i>	Cr86	Suchentrunk <i>et al.</i>	2007
Lcors3_CR	Corsica	HQ174272	<i>L. corsicanus</i>	Cr87	Pietri <i>et al.</i>	2011
Lcors4_CR	Corsica	HQ174273	<i>L. corsicanus</i>	Cr4	Pietri <i>et al.</i>	2011
Leur1_CR	Corsica	HQ174276	<i>L. europaeus</i>	Cr88	Pietri <i>et al.</i>	2011
Leur2_CR	Germany	JN037377	<i>L. europaeus</i>	Cr89	Melo-Ferreira <i>et al.</i>	2011b
Leur3_CR	Sweden	NC_004028 / AJ421471	<i>L. europaeus</i>	Cr90	Arnason <i>et al.</i>	2002
Lgra1_CR	Spain	JF299097	<i>L. granatensis</i>	Cr91	Melo-Ferreira <i>et al.</i>	2011a
Lgra2_CR	Spain	JF299098	<i>L. granatensis</i>	Cr92	Melo-Ferreira <i>et al.</i>	2011a
Lgra3_CR	Spain	JF299160	<i>L. granatensis</i>	Cr93	Melo-Ferreira <i>et al.</i>	2011a
Lgra4_CR	Spain	JF299161	<i>L. granatensis</i>	Cr94	Melo-Ferreira <i>et al.</i>	2011a
Lgra5_CR	Spain	KF917422	<i>L. granatensis</i>	Cr95	Seixas <i>et al.</i>	2014

Lgra6_CR	Spain	KF917423	<i>L. granatensis</i>	Cr96	Seixas <i>et al.</i>	2014
Lgra7_CR	Spain	KJ397611	<i>L. granatensis</i>	Cr97	Melo-Ferreira <i>et al.</i>	2014
Lgra8_CR	Spain	NC_024042 / KJ397610	<i>L. granatensis</i>	Cr98	Melo-Ferreira <i>et al.</i>	2014
Lhai1_CR	Hainan, China	AY745098	<i>L. hainanus</i>	Cr99	Wu <i>et al.</i>	2005
Lhai2_CR	Hainan, China	NC_025902 / JQ219662	<i>L. hainanus</i>	Cr100	Wang <i>et al.</i> (Unp)	2016
Lman1_CR	China	AJ287975	<i>L. mandshuricus</i>	Cr101	Wu and Zhang (Unp)	2000
Lman2_CR	Asia	AY745090	<i>L. mandshuricus</i>	Cr102	Wu <i>et al.</i>	2005
Loio1_CR	Asia	AJ287985	<i>L. oiostolus</i>	Cr103	Wu and Zhang (Unp)	2000
Loio2_CR	China	HM233210	<i>L. oiostolus</i>	Cr104	Liu <i>et al.</i>	2011
Loth1_CR	Alaska	DQ067368	<i>L. othus</i>	Cr105	Waltari and Cook	2005
Loth2_CR	USA	KJ397608	<i>L. othus</i>	Cr105	Melo-Ferreira <i>et al.</i>	2014
Lsax2_CR_(South_Africa)	South Africa	FJ829854	<i>L. saxatilis</i>	Cr106	Suchentrunk <i>et al.</i>	2009
Lsin1_CR	China	AJ287982	<i>L. sinensis</i>	Cr107	Wu and Zhang (Unp)	2000
Lsin2_CR	China	HM233291	<i>L. sinensis</i>	Cr108	Liu <i>et al.</i>	2011

Lsin3_CR	Asia	NC_025316 / KM362831	<i>L. sinensis</i>	Cr109	Ding <i>et al.</i>	2016
Ltib1_CR	China	LC073697	<i>L. tibetanus pamirensis / L. capensis pamirensis</i>	Cr110	Shan and Liu	2016
Ltim1_CR	---	AJ287977	<i>L. timidus</i>	Cr113	Wu and Zhang (Unp)	2000
Ltim2_CR	---	AJ287978	<i>L. timidus</i>	Cr113	Wu and Zhang (Unp)	2000
Ltim3_CR	---	AJ287979	<i>L. timidus</i>	Cr113	Wu and Zhang (Unp)	2000
Ltim4_CR	Scotland	AY422316	<i>L. timidus</i>	Cr114	Cook <i>et al.</i>	2004
Ltim5_CR	China	KR013248	<i>L. timidus</i>	Cr115	Fu (Unp)	2015
Ltim6_CR	---	KR019013	<i>L. timidus</i>	Cr116	Fu (Unp)	2015
Ltim7_CR	---	KR030069	<i>L. timidus</i>	Cr117	Fu (Unp)	2015
Ltim8_CR	---	KR030070	<i>L. timidus</i>	Cr118	Fu (Unp)	2015
Ltim9_CR	---	KR030071	<i>L. timidus</i>	Cr119	Fu (Unp)	2015
Ltim10_CR	---	KR030072	<i>L. timidus</i>	Cr111	Fu (Unp)	2015
Ltim11_CR	Finland	NC_024040 / KJ397605	<i>L. timidus</i>	Cr112	Melo-Ferreira <i>et al.</i>	2014
Ltol1_CR	---	NC_025748 / KM609214	<i>L. tolai</i>	Cr120	Ding <i>et al.</i>	2016

Ltow1_CR	USA	NC_024041 / KJ397609	<i>L. townsendii</i>	Cr121	Melo-Ferreira <i>et al.</i>	2014
Lyak1_CR	China	HM233323	<i>L. yarkandensis</i>	Cr122	Liu <i>et al.</i>	2011
LschMoroc1_CR_(Guelmim)	Morocco (Guelmim)	MN175866	<i>L.schlumbergeri</i> *	Cr123	This study	2019
LsahMoroc2_CR_(western Sahara)	Morocco (Near Auserd, western Sahara)	MN175871	<i>L. saharae</i> *	Cr124	This study	2019
LsahMoroc3_CR_(western Sahara)	Morocco (Near Auserd, western Sahara)	MN175872	<i>L. saharae</i> *	Cr125	This study	2019
LsahMoroc4_CR_(western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175873	<i>L. saharae</i> *	Cr126	This study	2019
LmedMoroc5_CR_(Atlas)	Morocco (Aghbala)	MN175857	<i>L. mediterraneus</i> *	Cr127	This study	2019
LmedMoroc6_CR_(Atlas)	Morocco (Aghbala)	MN175858	<i>L. mediterraneus</i> *	Cr128	This study	2019
LschMoroc7_CR_(Aydar)	Morocco (Aydar)	MN175867	<i>L.schlumbergeri</i> *	Cr129	This study	2019
LschMoroc8_CR_(Aydar)	Morocco (Aydar)	MN175868	<i>L.schlumbergeri</i> *	Cr130	This study	2019
LmedMoroc9_CR_(Rif)	Morocco (Rif)	MN175859	<i>L. mediterraneus</i> *	Cr131	This study	2019
LmedMoroc10_CR_(Rif)	Morocco (Rif)	MN175860	<i>L. mediterraneus</i> *	Cr131	This study	2019

LmedMoroc11_CR_(Rif)	Morocco (Rif)	MN175861	<i>L. mediterraneus</i> *	Cr132	This study	2019
LmedMoroc12_CR_(Rif)	Morocco (Rif)	MN175862	<i>L. mediterraneus</i> *	Cr131	This study	2019
LmedMoroc13_CR_(Rif)	Morocco (Rif)	MN175863	<i>L. mediterraneus</i> *	Cr132	This study	2019
LmedMoroc14_CR_(Rif)	Morocco (Rif)	MN175864	<i>L. mediterraneus</i> *	Cr133	This study	2019
LmedMoroc15_CR_(Rif)	Morocco (Rif)	MN175865	<i>L. mediterraneus</i> *	Cr132	This study	2019
LschMoroc16_CR_(western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175869	<i>L.schlumbergeri</i> *	Cr134	This study	2019
LschMoroc17_CR_(western Sahara)	Morocco (Near Smara, western Sahara)	MN175870	<i>L.schlumbergeri</i> *	Cr135	This study	2019
LsahMoroc18_CR_(western Sahara)	Morocco (Near Auserd, western Sahara)	MN175874	<i>L. saharae</i> *	Cr136	This study	2019
Ocun1_CR	---	NC_001913/ AJ001588	<i>Oryctolagus cuniculus</i>		Gissi <i>et al.</i>	1998

*According to this study

B) Sequences used for CYTB mtDNA analyses

Name/code	Country / Mainland...	GenBank	<i>Lepus</i> sp.	Halotype	Authors	Year
Lall1_CYTB	Mexico	AF010156	<i>L. alleni</i>	Cyt_1	Halanych <i>et al.</i>	1999
Lall2_CYTB	Mexico	AF010157	<i>L. alleni</i>	Cyt_2	Halanych <i>et al.</i>	1999
Lame1_CYTB	America	JF489126	<i>L. americanus</i>	Cyt_3	Naidu <i>et al.</i>	2012
Lame2_CYTB	USA	NC_024043 / KJ397613	<i>L. americanus</i>	Cyt_4	Melo-Ferreira <i>et al.</i>	2014
Larc1_CYTB	Greenland	AF010153	<i>L. arcticus</i>	Cyt_5	Halanych <i>et al.</i>	1999
Larc2_CYTB	Canada	KJ397607	<i>L. arcticus</i>	Cyt_5	Melo-Ferreira <i>et al.</i>	2014
Lbra1_CYTB	Japan	AB514425	<i>L. brachyurus</i>	Cyt_6	Nunome <i>et al.</i>	2010
Lbra2_CYTB	Japan	AB514426	<i>L. brachyurus</i>	Cyt_6	Nunome <i>et al.</i>	2010
Lcal1_CYTB	America	AY292731	<i>L. californicus</i>	Cyt_7	Mathee <i>et al.</i>	2004
Lcal2_CYTB	America	HM222712	<i>Lepus californicus xanti</i>	Cyt_8	Naidu <i>et al.</i>	2012
Lcal3_CYTB	USA	KJ397614	<i>L. californicus</i>	Cyt_9	Melo-Ferreira <i>et al.</i>	2014
Lcall1_CYTB	New Mexico, USA	AF010158	<i>L. callotis</i>	Cyt_10	Halanych <i>et al.</i>	1999

Lcall2_CYTB	New Mexico, USA	AF010159	<i>L. callotis</i>	Cyt_10	Halanych <i>et al.</i>	1999
Lcap1_CYTB_(Sardinia)	Sardinia, Italy	AF157461	<i>L. capensis mediterraneus</i>	Cyt_11	Pierpaoli <i>et al.</i>	1999
Lcap2_CYTB_(Sardinia)	Sardinia, Italy	AF157462	<i>L. capensis</i>	Cyt_11	Pierpaoli <i>et al.</i>	1999
Lcap3_CYTB_(China)	China	AJ279411	<i>L. capensis</i>	Cyt_12	Wu and Zhang (Unp)	2000
Lcap4_CYTB_(China)	China	AJ279412	<i>L. capensis</i>	Cyt_13	Wu and Zhang (Unp)	2000
Lcap6_CYTB_(China)	China	AJ279414	<i>L. capensis</i>	Cyt_14	Wu and Zhang (Unp)	2000
Lcap7_CYTB_(China)	China	AJ279415	<i>L. capensis</i>	Cyt_15	Wu and Zhang (Unp)	2000
Lcap8_CYTB_(China)	China	AJ279416	<i>L. capensis</i>	Cyt_16	Wu and Zhang (Unp)	2000
Lcap9_CYTB_(China)	China	AJ279417	<i>L. capensis</i>	Cyt_17	Wu and Zhang (Unp)	2000
Lcap10_CYTB (Tetuan, Morocco)	Tetuan, Morocco	AY176243	<i>L. capensis</i>	Cyt_18	Alves <i>et al.</i>	2003
Lcap11_CYTB (Tetuan, Morocco)	Tetuan, Morocco	AY176244	<i>L. capensis</i>	Cyt_19	Alves <i>et al.</i>	2003
Lcap12_CYTB (Rabat, Morocco)	Rabat, Morocco	AY176245	<i>L. capensis</i>	Cyt_20	Alves <i>et al.</i>	2003
Lcap13_CYTB (Rabat, Morocco)	Rabat, Morocco	AY176246	<i>L. capensis</i>	Cyt_21	Alves <i>et al.</i>	2003
Lcap14_CYTB_(Africa)	Africa	AY292732	<i>L. capensis</i>	Cyt_22	Matthee <i>et al.</i>	2004

Lcap15_CYTB_(China)	China	AY596959	<i>L. capensis</i>	Cyt_23	Xiang <i>et al.</i> (Unp)	2016
Lcap16_CYTB_(China)	China	AY596960	<i>L. capensis</i>	Cyt_24	Xiang <i>et al.</i> (Unp)	2016
Lcap17_CYTB_(China)	China	AY596961	<i>L. capensis</i>	Cyt_25	Xiang <i>et al.</i> (Unp)	2016
Lcap18_CYTB_(China)	China	AY596962	<i>L. capensis</i>	Cyt_26	Xiang <i>et al.</i> (Unp)	2016
Lcap19_CYTB_(China)	China	AY596963	<i>L. capensis</i>	Cyt_16	Xiang <i>et al.</i> (Unp)	2016
Lcap20_CYTB_(China)	China	AY596964	<i>L. capensis</i>	Cyt_27	Xiang <i>et al.</i> (Unp)	2016
Lcap21_CYTB_(China)	China	AY596965	<i>L. capensis</i>	Cyt_28	Xiang <i>et al.</i> (Unp)	2016
Lcap22_CYTB_(China)	China	AY596966	<i>L. capensis</i>	Cyt_29	Xiang <i>et al.</i> (Unp)	2016
Lcap23_CYTB_(China)	China	AY596967	<i>L. capensis</i>	Cyt_30	Xiang <i>et al.</i> (Unp)	2016
Lcap24_CYTB_(China)	China	AY596968	<i>L. capensis</i>	Cyt_31	Xiang <i>et al.</i> (Unp)	2016
Lcap25_CYTB_(China)	China	AY596969	<i>L. capensis</i>	Cyt_32	Xiang <i>et al.</i> (Unp)	2016
Lcap26_CYTB_(China)	China	EU729167	<i>L. capensis</i>	Cyt_33	Wu <i>et al.</i>	2011
Lcap27_CYTB_(China)	China	EU729168	<i>L. capensis</i>	Cyt_34	Wu <i>et al.</i>	2011
Lcap28_CYTB_(China)	China	EU729171	<i>L. capensis</i>	Cyt_33	Wu <i>et al.</i>	2011

Lcap29_CYTB_(China)	China	EU729173	<i>L. capensis</i>	Cyt_35	Wu <i>et al.</i>	2011
Lcap30_CYTB_(China)	China	EU729177	<i>L. capensis</i>	Cyt_36	Wu <i>et al.</i>	2011
Lcap31_CYTB_(China)	China	EU729179	<i>L. capensis</i>	Cyt_36	Wu <i>et al.</i>	2011
Lcap32_CYTB_(China)	China	EU729180	<i>L. capensis</i>	Cyt_37	Wu <i>et al.</i>	2011
Lcap33_CYTB_(China)	China	EU729182	<i>L. capensis</i>	Cyt_38	Wu <i>et al.</i>	2011
Lcap34_CYTB_(China)	China	EU729192	<i>L. capensis</i>	Cyt_36	Wu <i>et al.</i>	2011
Lcap35_CYTB_(China)	China	EU729193	<i>L. capensis</i>	Cyt_39	Wu <i>et al.</i>	2011
Lcap36_CYTB_(China)	China	EU729194	<i>L. capensis</i>	Cyt_36	Wu <i>et al.</i>	2011
Lcap37_CYTB_(China)	China	EU729195	<i>L. capensis</i>	Cyt_36	Wu <i>et al.</i>	2011
Lcap38_CYTB_(China)	China	EU729196	<i>L. capensis</i>	Cyt_36	Wu <i>et al.</i>	2011
Lcap39_CYTB_(China)	China	EU729222	<i>L. capensis</i>	Cyt_40	Wu <i>et al.</i>	2011
Lcap40_CYTB_(China)	China	EU729223	<i>L. capensis</i>	Cyt_41	Wu <i>et al.</i>	2011
Lcap41_CYTB_(China)	China	EU729224	<i>L. capensis</i>	Cyt_40	Wu <i>et al.</i>	2011
Lcap42_CYTB_(China)	China	EU729231	<i>L. capensis</i>	Cyt_40	Wu <i>et al.</i>	2011

Lcap43_CYTB_(China)	China	EU729260	<i>L. capensis</i>	Cyt_42	Wu <i>et al.</i>	2011
Lcap44_CYTB_(China)	China	EU729261	<i>L. capensis</i>	Cyt_43	Wu <i>et al.</i>	2011
Lcap45_CYTB_(China)	China	EU729263	<i>L. capensis</i>	Cyt_44	Wu <i>et al.</i>	2011
Lcap46_CYTB_(China)	China	EU729264	<i>L. capensis</i>	Cyt_45	Wu <i>et al.</i>	2011
Lcap47_CYTB_(China)	China	EU729267	<i>L. capensis</i>	Cyt_46	Wu <i>et al.</i>	2011
Lcap48_CYTB_(China)	China	EU729272	<i>L. capensis</i>	Cyt_36	Wu <i>et al.</i>	2011
Lcap49_CYTB_(China)	China	EU729274	<i>L. capensis</i>	Cyt_33	Wu <i>et al.</i>	2011
Lcap50_CYTB_(China)	China	EU729277	<i>L. capensis</i>	Cyt_47	Wu <i>et al.</i>	2011
Lcap51_CYTB_(China)	China	EU729279	<i>L. capensis</i>	Cyt_48	Wu <i>et al.</i>	2011
Lcap52_CYTB_(China)	China	EU729281	<i>L. capensis</i>	Cyt_34	Wu <i>et al.</i>	2011
Lcap53_CYTB_(China)	China	EU729288	<i>L. capensis</i>	Cyt_42	Wu <i>et al.</i>	2011
Lcap54_CYTB_(China)	China	EU729289	<i>L. capensis</i>	Cyt_42	Wu <i>et al.</i>	2011
Lcap55_CYTB_(China)	China	EU729290	<i>L. capensis</i>	Cyt_49	Wu <i>et al.</i>	2011
Lcap56_CYTB_(China)	China	NC_015841 / GU937113	<i>L. capensis</i>	Cyt_13	Wang .and Yang (Unp)	2016

Lcap57_CYTB_(China)	Bole, Xinjiang Prov., China	HM233008	<i>L. capensis</i>	Cyt_50	Liu <i>et al.</i>	2011
Lcap58_CYTB_(China)	Yining, Xinjiang Prov., China	HM233013	<i>L. capensis</i>	Cyt_51	Liu <i>et al.</i>	2011
Lcap59_CYTB_(China)	Tulufan, Xinjiang Prov., China	HM233016	<i>L. capensis</i>	Cyt_42	Liu <i>et al.</i>	2011
Lcap60_CYTB_(China)	Huzhu, Qinghai Prov., China,	HM233017	<i>L. capensis</i>	Cyt_52	Liu <i>et al.</i>	2011
Lcap61_CYTB_(China)	Huzhu, Qinghai Prov., China	HM233018	<i>L. capensis</i>	Cyt_53	Liu <i>et al.</i>	2011
Lcap62_CYTB_(China)	Pingan, Qinghai Prov., China,	HM233019	<i>L. capensis</i>	Cyt_54	Liu <i>et al.</i>	2011
Lcap63_CYTB_(China)	Huangnihe, Jilin Prov., China	HM233020	<i>L. capensis</i>	Cyt_53	Liu <i>et al.</i>	2011
Lcap64_CYTB_(China)	Wuyiling, Heilongjiang Prov	HM233021	<i>L. capensis</i>	Cyt_53	Liu <i>et al.</i>	2011
Lcap65_CYTB_(China)	Hulin, Heilongjiang Prov., China	HM233022	<i>L. capensis</i>	Cyt_53	Liu <i>et al.</i>	2011
Lcap66_CYTB_(China)	Shangdu, Neimenggu Prov., China	HM233023	<i>L. capensis</i>	Cyt_55	Liu <i>et al.</i>	2011
Lcap67_CYTB_(China)	Xilinhaote, Neimenggu Prov., China	HM233024	<i>L. capensis</i>	Cyt_53	Liu <i>et al.</i>	2011
Lcap68_CYTB_(China)	Yangxian, Shanxi Prov., China	HM233025	<i>L. capensis</i>	Cyt_56	Liu <i>et al.</i>	2011
Lcap69_CYTB_(China)	Yangxian, Shanxi Prov., China	HM233026	<i>L. capensis</i>	Cyt_53	Liu <i>et al.</i>	2011

Lcap70_CYTB_(China)	Pingan, Qinghai Prov., China	HM233027	<i>L. capensis</i>	Cyt_57	Liu <i>et al.</i>	2011
Lcap71_CYTB_(China)	Baochang, Neimenggu Prov., China	HM233028	<i>L. capensis</i>	Cyt_12	Liu <i>et al.</i>	2011
Lcap72_CYTB_(China)	Minqin, Gansu Prov., China	HM233029	<i>L. capensis</i>	Cyt_58	Liu <i>et al.</i>	2011
Lcap73_CYTB_(China)	Minqin, Gansu Prov., China	HM233030	<i>L. capensis</i>	Cyt_58	Liu <i>et al.</i>	2011
Lcap74_CYTB_(China)	Huhehaote, Neimenggu Prov., China	HM233031	<i>L. capensis</i>	Cyt_59	Liu <i>et al.</i>	2011
Lcap75_CYTB_(China)	Jining, Shandong Prov., China	HM233032	<i>L. capensis</i>	Cyt_13	Liu <i>et al.</i>	2011
Lcap76_CYTB_(China)	Jining, Shandong Prov., China	HM233033	<i>L. capensis</i>	Cyt_13	Liu <i>et al.</i>	2011
Lcap77_CYTB_(China)	Qianxian, Shanxi Prov., China	HM233034	<i>L. capensis</i>	Cyt_13	Liu <i>et al.</i>	2011
Lcap78_CYTB_(China)	Renshou, Sichuan Prov., China	HM233035	<i>L. capensis</i>	Cyt_13	Liu <i>et al.</i>	2011
Lcap79_CYTB_(China)	Renshou, Sichuan Prov., China	HM233036	<i>L. capensis</i>	Cyt_13	Liu <i>et al.</i>	2011
Lcap80_CYTB_(China)	Yangxian, Shanxi Prov., China	HM233037	<i>L. capensis</i>	Cyt_17	Liu <i>et al.</i>	2011
Lcap81_CYTB_(China)	Jining, Shandong Prov., China	HM233038	<i>L. capensis</i>	Cyt_60	Liu <i>et al.</i>	2011

Lcap82_CYTB_(China)	Jining, Shandong Prov., China	HM233039	<i>L. capensis</i>	Cyt_61	Liu <i>et al.</i>	2011
Lcap83_CYTB_(China)	Luntai, Xinjiang Prov., China	HM233040	<i>L. capensis</i>	Cyt_40	Liu <i>et al.</i>	2011
Lcap84_CYTB_(China)	Luntai, Xinjiang Prov., China	HM233041	<i>L. capensis</i>	Cyt_40	Liu <i>et al.</i>	2011
Lcap85_CYTB_(China)	Luntai, Xinjiang Prov., China	HM233042	<i>L. capensis</i>	Cyt_41	Liu <i>et al.</i>	2011
Lcap86_CYTB_(China)	Bole, Xinjiang Prov., China	HM233043	<i>L. capensis</i>	Cyt_62	Liu <i>et al.</i>	2011
Lcap87_CYTB_(China)	Aletai, Xinjiang Prov., China	HM233044	<i>L. capensis</i>	Cyt_62	Liu <i>et al.</i>	2011
Lcap88_CYTB_(China)	Jinzhou, Liaoning Prov., China	HM233078	<i>L. capensis</i>	Cyt_63	Liu <i>et al.</i>	2011
Lcap89_CYTB_(China)	Jiaozhou, Shandong Prov., China	HM233082	<i>L. capensis</i>	Cyt_16	Liu <i>et al.</i>	2011
Lcap90_CYTB_(China)	Jiaozhou, Shandong Prov., China	HM233083	<i>L. capensis</i>	Cyt_16	Liu <i>et al.</i>	2011
Lcap91_CYTB_(China)	Jiaozhou, Shandong Prov., China	HM233085	<i>L. capensis</i>	Cyt_16	Liu <i>et al.</i>	2011
Lcap92_CYTB_(Africa)	Africa	HQ596470	<i>L. capensis</i>	Cyt_64	Ramírez-Silva <i>et al.</i>	2010
Lcap93_CYTB_(South Africa)	South Africa	HQ596471	<i>L. capensis</i>	Cyt_65	Ramírez-Silva <i>et al.</i>	2010
Lcap94_CYTB_(Morocco)	Morocco	JN037360	<i>L. capensis</i>	Cyt_21	Melo-Ferreira <i>et al.</i>	2011b

Lcap95_CYTB_(Morocco)	Morocco	JN037361	<i>L. capensis</i>	Cyt_66	Melo-Ferreira <i>et al.</i>	2011b
Lcap96_CYTB_(Tunisia)	Tunisia	JN037362	<i>L. capensis</i>	Cyt_67	Melo-Ferreira <i>et al.</i>	2011b
Lcap97_CYTB_(Mauritania)	Mauritania	KJ397612	<i>L. capensis</i>	Cyt_68	Melo-Ferreira <i>et al.</i>	2014
Lcap98_CYTB_(South Africa)	Cape Province, South Africa	U58934	<i>L. capensis</i>	Cyt_69	Halanych <i>et al.</i>	1999
Lcap109_CYTB_(South Africa)	South Africa	MK775981	<i>L. capensis</i>	Cyt_70	Lado <i>et al.</i>	2019
Lcap110_CYTB_(South Africa)	South Africa	MK775982	<i>L. capensis</i>	Cyt_71	Lado <i>et al.</i>	2019
Lcap111_CYTB_(South Africa)	South Africa	MK775983	<i>L. capensis</i>	Cyt_72	Lado <i>et al.</i>	2019
Lcap112_CYTB_(South Africa)	South Africa	MK775984	<i>L. capensis</i>	Cyt_71	Lado <i>et al.</i>	2019
Lcap113_CYTB_(Israel)	Israel	MK775985	<i>L. capensis</i>	Cyt_73	Lado <i>et al.</i>	2019
Lcap114_CYTB_(Israel)	Israel	MK775986	<i>L. capensis</i>	Cyt_73	Lado <i>et al.</i>	2019
Lcap115_CYTB_(Israel)	Israel	MK775987	<i>L. capensis</i>	Cyt_73	Lado <i>et al.</i>	2019
Lcap116_CYTB_(Israel)	Israel	MK775988	<i>L. capensis</i>	Cyt_74	Lado <i>et al.</i>	2019
Lcap117_CYTB_(Khemisset, Morocco)	Khemisset (Tiflet), Morocco	MK775989	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap118_CYTB_(Khemisset, Morocco)	Khemisset (Tiflet), Morocco	MK775990	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019

Lcap119_CYTB_(Khemisset, Morocco)	Khemisset (Tiflet), Morocco	MK775991	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap120_CYTB_(Rabat, Morocco)	Rabat, Morocco	MK775992	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap121_CYTB_(Rehamna, Morocco)	Rehamna, Morocco	MK775993	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap122_CYTB_(Rehamna, Morocco)	Rehamna, Morocco	MK775994	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap123_CYTB_(Rehamna, Morocco)	Rehamna, Morocco	MK775995	<i>L. capensis</i>	Cyt_76	Lado <i>et al.</i>	2019
Lcap124_CYTB_(Rehamna, Morocco)	Rehamna, Morocco	MK775996	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap125_CYTB_(Rehamna, Morocco)	Rehamna, Morocco	MK775997	<i>L. capensis</i>	Cyt_77	Lado <i>et al.</i>	2019
Lcap126_CYTB_(Beni-Tajjite, Morocco)	Beni-Tajjite, Morocco	MK775998	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap127_CYTB_(Tetouan, Morocco)	Tetouan, Morocco	MK775999	<i>L. capensis</i>	Cyt_66	Lado <i>et al.</i>	2019
Lcap128_CYTB_(Tetouan, Morocco)	Tetouan, Morocco	MK776000	<i>L. capensis</i>	Cyt_66	Lado <i>et al.</i>	2019
Lcap129_CYTB_(Tetouan, Morocco)	Tetouan, Morocco	MK776001	<i>L. capensis</i>	Cyt_78	Lado <i>et al.</i>	2019
Lcap130_CYTB_(Fort Guerguerat, Atlantic Sahara, Morocco)	Fort Guerguerat, Atlantic Sahara, Morocco	MK776002	<i>L. capensis</i>	Cyt_79	Lado <i>et al.</i>	2019
Lcap131_CYTB_(Mauritania)	Tarf el Rjeimat, Hodh Ech Chargui, Mauritania	MK776003	<i>L. capensis</i>	Cyt_68	Lado <i>et al.</i>	2019

Lcap132_CYTB_(Mauritania)	Tintane, Hodh Ech Gharbi, Mauritania	MK776004	<i>L. capensis</i>	Cyt_79	Lado <i>et al.</i>	2019
Lcap133_CYTB_(Tunisia)	Tunisia	MK776005	<i>L. capensis</i>	Cyt_80	Lado <i>et al.</i>	2019
Lcap134_CYTB_(Tunisia)	Tunisia	MK776006	<i>L. capensis</i>	Cyt_81	Lado <i>et al.</i>	2019
Lcap135_CYTB_(Tunisia)	Tunisia	MK776007	<i>L. capensis</i>	Cyt_82	Lado <i>et al.</i>	2019
Lcap136_CYTB_(oman)	Al Wusta, Oman	MK776008	<i>L. capensis</i>	Cyt_83	Lado <i>et al.</i>	2019
Lcap137_CYTB_(Oman)	Dhofar, Oman	MK776009	<i>L. capensis</i>	Cyt_83	Lado <i>et al.</i>	2019
Lcap138_CYTB_(Mauritania)	Dakhlet-Nouâdhibou, Mauritania	MK776010	<i>L. capensis</i>	Cyt_68	Lado <i>et al.</i>	2019
Lcap139_CYTB_(Ouarzazate, Morocco)	Ouarzazate, Morocco	MK776011	<i>L. capensis</i>	Cyt_84	Lado <i>et al.</i>	2019
Lcap140_CYTB_(Meknes Tafilalet, Morocco)	Meknes Tafilalet, Morocco	MK776012	<i>L. capensis</i>	Cyt_85	Lado <i>et al.</i>	2019
Lcap141_CYTB_(Fes, Morocco)	Fes, Morocco	MK776013	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap142_CYTB_(Tunisia)	Gafsa, Tunisia	MK776014	<i>L. capensis</i>	Cyt_86	Lado <i>et al.</i>	2019
Lcap143_CYTB_(Lybia)	Murzuq, Lybia	MK776015	<i>L. capensis</i>	Cyt_87	Lado <i>et al.</i>	2019
Lcap144_CYTB_(Lybia)	Murzuq, Lybia	MK776016	<i>L. capensis</i>	Cyt_87	Lado <i>et al.</i>	2019
Lcap145_CYTB_(Niger)	Agadez, Niger	MK776017	<i>L. capensis</i>	Cyt_88	Lado <i>et al.</i>	2019

Lcap146_CYTB_(Senegal)	Saint-Louis, Senegal	MK776018	<i>L. capensis</i>	Cyt_89	Lado <i>et al.</i>	2019
Lcap147_CYTB_(Mauritania)	Adrar, Mauritania	MK776019	<i>L. capensis</i>	Cyt_68	Lado <i>et al.</i>	2019
Lcap148_CYTB_(260 km Dakhla, Atlantic Sahara, Morocco)	260km S of crossroad for Dakhla, Atlantic Sahara, Morocco	MK776020	<i>L. capensis</i>	Cyt_90	Lado <i>et al.</i>	2019
Lcap149_CYTB_(80 km Dakhla, Atlantic Sahara, Morocco)	80km N of Dakhla, Atlantic Sahara, Morocco	MK776021	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap150_CYTB_(90 km Dakhla, Atlantic Sahara, Morocco)	90km N of Dakhla, Atlantic Sahara, Morocco	MK776022	<i>L. capensis</i>	Cyt_79	Lado <i>et al.</i>	2019
Lcap151_CYTB_(130 km Bojador, Atlantic Sahara, Morocco)	130km S of Bojador, Atlantic Sahara, Morocco	MK776023	<i>L. capensis</i>	Cyt_91	Lado <i>et al.</i>	2019
Lcap152_CYTB_(50 km Bojador, Atlantic Sahara, Morocco)	50km S of Bojador, Atlantic Sahara, Morocco	MK776024	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap153_CYTB_(60 km Bojador, Atlantic Sahara, Morocco)	60km N of Bojador, Atlantic Sahara, Morocco	MK776025	<i>L. capensis</i>	Cyt_92	Lado <i>et al.</i>	2019
Lcap154_CYTB_(110 km Laâyoune, Atlantic Sahara, Morocco)	110km S of Laâyoune, Atlantic Sahara, Morocco	MK776026	<i>L. capensis</i>	Cyt_93	Lado <i>et al.</i>	2019

Lcap155_CYTB_(30km Fort Guerguerat, Atlantic Sahara, Morocco)	30km N of Fort Guerguerat, Atlantic Sahara, Morocco	MK776027	<i>L. capensis</i>	Cyt_94	Lado <i>et al.</i>	2019
Lcap156_CYTB_(8km Beni Mellal, Morocco)	8km N of Beni Mellal, Morocco	MK776028	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap157_CYTB_(Tan-Tan, Guelmim, Morocco)	Tan-Tan, Guelmim, Morocco	MK776029	<i>L. capensis</i>	Cyt_95	Lado <i>et al.</i>	2019
Lcap158_CYTB_(Tan-Tan, Guelmim, Morocco)	Tan-Tan, Guelmim, Morocco	MK776030	<i>L. capensis</i>	Cyt_96	Lado <i>et al.</i>	2019
Lcap159_CYTB_(Mali)	Tombouctou , Mali	MK776031	<i>L. capensis</i>	Cyt_97	Lado <i>et al.</i>	2019
Lcap160_CYTB_(100 km Bojador, Atlantic Sahara, Morocco)	100km S of Bojador, Atlantic Sahara, Morocco	MK776032	<i>L. capensis</i>	Cyt_98	Lado <i>et al.</i>	2019
Lcap161_CYTB_(6 km Lemsid, Atlantic Sahara, Morocco)	6km NE of Lemsid, Atlantic Sahara, Morocco	MK776033	<i>L. capensis</i>	Cyt_92	Lado <i>et al.</i>	2019
Lcap162_CYTB_(15 km El Argoub, Atlantic Sahara, Morocco)	15km S of El Argoub, Atlantic Sahara, Morocco	MK776034	<i>L. capensis</i>	Cyt_99	Lado <i>et al.</i>	2019
Lcap163_CYTB_(Porto Rico, Atlantic Sahara, Morocco)	Porto Rico, Atlantic Sahara, Morocco	MK776035	<i>L. capensis</i>	Cyt_68	Lado <i>et al.</i>	2019
Lcap164_CYTB_(Mauritania)	Assaba, Mauritania	MK776036	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap165_CYTB_(40 km Laâyoune, Atlantic Sahara, Morocco)	40km S of Laâyoune,	MK776037	<i>L. capensis</i>	Cyt_100	Lado <i>et al.</i>	2019

	Atlantic Sahara, Morocco					
Lcap166_CYTB_(70 km Bojador, Atlantic Sahara, Morocco)	70km S of Bojador, Atlantic Sahara, Morocco	MK776038	<i>L. capensis</i>	Cyt_101	Lado <i>et al.</i>	2019
Lcap167_CYTB_(80 km Fort Guerguerat, Atlantic Sahara, Morocco)	80km N Fort Guerguerat, Atlantic Sahara, Morocco	MK776039	<i>L. capensis</i>	Cyt_102	Lado <i>et al.</i>	2019
Lcap168_CYTB_(Maurit ania)	Trarza, Mauritania	MK776040	<i>L. capensis</i>	Cyt_103	Lado <i>et al.</i>	2019
Lcap169_CYTB_(Maurit ania)	Dakhlet- Nouâdhibou, Mauritania	MK776041	<i>L. capensis</i>	Cyt_68	Lado <i>et al.</i>	2019
Lcap170_CYTB_(Khemis ssat, Morocco)	Khemissat (Tiflet), Morocco	MK776042	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap171_CYTB_(E of Sebkha Oum Db, Atlantic Sahara, Morocco)	E of Sebkha Oum Db, Atlantic Sahara, Morocco	MK776043	<i>L. capensis</i>	Cyt_101	Lado <i>et al.</i>	2019
Lcap172_CYTB_(E of Sebkha Oum Db, Atlantic Sahara, Morocco)	E of Sebkha Oum Db, Atlantic Sahara, Morocco	MK776044	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap173_CYTB_(Seneg al)	Louga, Senegal	MK776045	<i>L. capensis</i>	Cyt_89	Lado <i>et al.</i>	2019
Lcap174_CYTB_(Seneg al)	Louga, Senegal	MK776046	<i>L. capensis</i>	Cyt_79	Lado <i>et al.</i>	2019
Lcap175_CYTB_(Tunisi a)	Kairouan (Sidi Naji), Tunisia	MK776047	<i>L. capensis</i>	Cyt_82	Lado <i>et al.</i>	2019

Lcap176_CYTB_(Oujda, Morocco)	Oujda (Berkane), Morocco	MK776048	<i>L. capensis</i>	Cyt_104	Lado <i>et al.</i>	2019
Lcap177_CYTB_(Nador, Morocco)	Nador (Houneb), Morocco	MK776049	<i>L. capensis</i>	Cyt_105	Lado <i>et al.</i>	2019
Lcap178_CYTB_(Outat El Haj, Bouleman, Morocco)	Outat El Haj, Bouleman, Morocco	MK776050	<i>L. capensis</i>	Cyt_106	Lado <i>et al.</i>	2019
Lcap179_CYTB_(Senegal)	Saint-Louis, Senegal	MK776051	<i>L. capensis</i>	Cyt_79	Lado <i>et al.</i>	2019
Lcap180_CYTB_(Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco)	CCR Had Ait Mimoune, Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco	MK776052	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap181_CYTB_(Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco)	CCR Had Ait Mimoune, Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco	MK776053	<i>L. capensis</i>	Cyt_107	Lado <i>et al.</i>	2019
Lcap182_CYTB_(Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco)	CCR Had Ait Mimoune, Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco	MK776054	<i>L. capensis</i>	Cyt_78	Lado <i>et al.</i>	2019
Lcap183_CYTB_(Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco)	CCR Had Ait Mimoune, Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco	MK776055	<i>L. capensis</i>	Cyt_107	Lado <i>et al.</i>	2019

Lcap184_CYTB_(Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco)	CCR Had Ait Mimoune, Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco	MK776056	<i>L. capensis</i>	Cyt_107	Lado <i>et al.</i>	2019
Lcap185_CYTB_(Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco)	CCR Had Ait Mimoune, Rabat-Salé-Zemmour-Zaer- Khémisset, Morocco	MK776057	<i>L. capensis</i>	Cyt_107	Lado <i>et al.</i>	2019
Lcap186_CYTB_(Khémisset, Morocco)	Jamaa moul blad, Khémisset, Morocco	MK776058	<i>L. capensis</i>	Cyt_108	Lado <i>et al.</i>	2019
Lcap187_CYTB_(Khémisset, Morocco)	Jamaa moul blad, Khémisset, Morocco	MK776059	<i>L. capensis</i>	Cyt_108	Lado <i>et al.</i>	2019
Lcap188_CYTB_(Khémisset, Morocco)	Rommani, Khémisset, Morocco	MK776060	<i>L. capensis</i>	Cyt_109	Lado <i>et al.</i>	2019
Lcap189_CYTB_(Khemissat, Morocco)	Khemissat, Sidi Boudarga district, Morocco	MK776061	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap190_CYTB_(District El Gara, Chaouia-Ourdigha – Settata, Morocco)	District El Gara, Chaouia-Ourdigha – Settata. Morocco	MK776062	<i>L. capensis</i>	Cyt_110	Lado <i>et al.</i>	2019
Lcap191_CYTB_(District El Gara, Chaouia-Ourdigha – Settata, Morocco)	District El Gara, Chaouia-Ourdigha – Settata. Morocco	MK776063	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap192_CYTB_(District El Gara, Chaouia-	District El Gara, Chaouia-	MK776064	<i>L. capensis</i>	Cyt_111	Lado <i>et al.</i>	2019

Chaouia-Ourdigha – Settat, Morocco)	Ourdigha – Settat, Morocco					
Lcap193_CYTB_(District El Gara, Chaouia-Ourdigha – Settat, Morocco)	District El Gara, Chaouia- Ourdigha – Settat, Morocco	MK776065	<i>L. capensis</i>	Cyt_110	Lado <i>et al.</i>	2019
Lcap194_CYTB_(District El Gara, Chaouia-Ourdigha – Settat, Morocco)	District El Gara, Chaouia- Ourdigha – Settat, Morocco	MK776066	<i>L. capensis</i>	Cyt_110	Lado <i>et al.</i>	2019
Lcap195_CYTB_(District El Gara, Chaouia-Ourdigha – Settat, Morocco)	District El Gara, Chaouia- Ourdigha – Settat, Morocco	MK776067	<i>L. capensis</i>	Cyt_110	Lado <i>et al.</i>	2019
Lcap196_CYTB_(Mechat, Séhoul, Salé, Morocco)	Mechat, Séhoul, Salé, Morocco	MK776068	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap197_CYTB_(Mechat, Séhoul, Salé, Morocco)	Mechat, Séhoul, Salé, Morocco	MK776069	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap198_CYTB_(Khémisset, Morocco)	Tiddas, Khémisset, Morocco	MK776070	<i>L. capensis</i>	Cyt_109	Lado <i>et al.</i>	2019
Lcap199_CYTB_(Khémi ssat, Morocco)	Bath, Khemissat, Morocco	MK776071	<i>L. capensis</i>	Cyt_66	Lado <i>et al.</i>	2019
Lcap200_CYTB_(Khémi sset, Morocco)	Ait Mimoune, Khémisset, Morocco	MK776072	<i>L. capensis</i>	Cyt_107	Lado <i>et al.</i>	2019
Lcap201_CYTB_(Khémi sset, Morocco)	Ait Mimoune, Khémisset, Morocco	MK776073	<i>L. capensis</i>	Cyt_107	Lado <i>et al.</i>	2019
Lcap202_CYTB_(Khémi sset, Morocco)	Ait Mimoune, Khémisset, Morocco	MK776074	<i>L. capensis</i>	Cyt_66	Lado <i>et al.</i>	2019

Lcap203_CYTB_(Khémisset, Morocco)	Sidi Allal El Bahraoui, Khémisset, Morocco	MK776075	<i>L. capensis</i>	Cyt_112	Lado <i>et al.</i>	2019
Lcap204_CYTB_(District El Gara, Chaouia-Ourdigha, Settata, Morocco)	District El Gara, Chaouia-Ourdigha, Settata, Morocco	MK776076	<i>L. capensis</i>	Cyt_113	Lado <i>et al.</i>	2019
Lcap205_CYTB_(District El Gara, Chaouia-Ourdigha, Settata, Morocco)	District El Gara, Chaouia-Ourdigha, Settata, Morocco	MK776077	<i>L. capensis</i>	Cyt_111	Lado <i>et al.</i>	2019
Lcap206_CYTB_(Khemissat, Morocco)	Khemissat, Sfassif, Morocco	MK776078	<i>L. capensis</i>	Cyt_109	Lado <i>et al.</i>	2019
Lcap207_CYTB_(Essaouira, Marrakech-Tensift-El Haouz, Morocco)	Essaouira, Marrakech-Tensift-El Haouz, Morocco	MK776079	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap208_CYTB_(Tan-Tan, Tizgui Remz, Morocco)	Tan-Tan, Tizgui Remz, Morocco	MK776080	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap209_CYTB_(Cfifirat Tanmoud, Atlantic Sahara, Morocco)	Cfifirat Tanmoud, Atlantic Sahara, Morocco	MK776081	<i>L. capensis</i>	Cyt_99	Lado <i>et al.</i>	2019
Lcap210_CYTB_(Ouarzazate, Morocco)	Ouarzazate, Imin-Kem, Ouarzazate, Morocco	MK776082	<i>L. capensis</i>	Cyt_114	Lado <i>et al.</i>	2019
Lcap211_CYTB_(Iran)	Biyar Jomand, Iran	MK776083	<i>L. capensis</i>	Cyt_115	Lado <i>et al.</i>	2019
Lcap212_CYTB_(Iran)	Kerman, Iran	MK776084	<i>L. capensis</i>	Cyt_116	Lado <i>et al.</i>	2019

Lcap213_CYTB_(Figuig, Morocco)	Figuig, Morocco	MK776085	<i>L. capensis</i>	Cyt_117	Lado <i>et al.</i>	2019
Lcap214_CYTB_(Tan- Tan, Awzizan, Morocco)	Tan-Tan, Awzizan, Morocco	MK776086	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap215_CYTB_(Triq Ammawaga. Atlantic Sahara, Morocco)	Triq Ammawaga. Atlantic Sahara, Morocco	MK776087	<i>L. capensis</i>	Cyt_99	Lado <i>et al.</i>	2019
Lcap216_CYTB_(North of El Argoub, Atlantic Sahara, Morocco)	North of El Argoub, Atlantic Sahara, Morocco	MK776088	<i>L. capensis</i>	Cyt_99	Lado <i>et al.</i>	2019
Lcap217_CYTB_(Mali)	Kayes, Mali	MK776089	<i>L. capensis</i>	Cyt_118	Lado <i>et al.</i>	2019
Lcap218_CYTB_(Essao uira, Morocco)	Essaouira, Smimou, Morocco	MK776090	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019
Lcap219_CYTB_(Settat, Morocco)	Settat, Boulawane, Morocco	MK776091	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap220_CYTB_(Inarz, Morocco)	Inarz, Nador, Morocco	MK776092	<i>L. capensis</i>	Cyt_66	Lado <i>et al.</i>	2019
Lcap221_CYTB_(Oujda, Morocco)	Oujda, Hammouyine, Morocco	MK776093	<i>L. capensis</i>	Cyt_119	Lado <i>et al.</i>	2019
Lcap222_CYTB_(Azilal, Morocco)	Azilal, Jbel Al' Abbadine, Morocco	MK776094	<i>L. capensis</i>	Cyt_20	Lado <i>et al.</i>	2019
Lcap223_CYTB_(Ksar es Souk, Morocco)	Ksar es Souk, Boudenib, Morocco	MK776095	<i>L. capensis</i>	Cyt_120	Lado <i>et al.</i>	2019
Lcap224_CYTB_(Ksar es Souk, Morocco)	Ksar es Souk, Rissani, Morocco	MK776096	<i>L. capensis</i>	Cyt_121	Lado <i>et al.</i>	2019

Lcap225_CYTB_(Tan-Tan, Oued Draa, Morocco)	Tan-Tan, Oued Draa, Morocco	MK776097	<i>L. capensis</i>	Cyt_122	Lado <i>et al.</i>	2019
Lcap226_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776098	<i>L. capensis</i>	Cyt_123	Lado <i>et al.</i>	2019
Lcap227_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776099	<i>L. capensis</i>	Cyt_123	Lado <i>et al.</i>	2019
Lcap228_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776100	<i>L. capensis</i>	Cyt_123	Lado <i>et al.</i>	2019
Lcap229_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776101	<i>L. capensis</i>	Cyt_124	Lado <i>et al.</i>	2019
Lcap230_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776102	<i>L. capensis</i>	Cyt_123	Lado <i>et al.</i>	2019
Lcap231_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776103	<i>L. capensis</i>	Cyt_124	Lado <i>et al.</i>	2019
Lcap232_CYTB_(Saudi Arabia)	National Wildlife Research Center, Saudi Arabia	MK776104	<i>L. capensis</i>	Cyt_124	Lado <i>et al.</i>	2019
Lcap233_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776105	<i>L. capensis</i>	Cyt_123	Lado <i>et al.</i>	2019
Lcap234_CYTB_(Saudi Arabia)	Central Arabia, Saudi Arabia	MK776106	<i>L. capensis</i>	Cyt_125	Lado <i>et al.</i>	2019
Lcap235_CYTB_(Gdiyem Aguerguer, Atlantic Sahara, Morocco)	Gdiyem Aguerguer, Atlantic Sahara, Morocco	MK776107	<i>L. capensis</i>	Cyt_68	Lado <i>et al.</i>	2019
Lcap236_CYTB_(Tan-Tan, North of Abteh, Morocco)	Tan-Tan, North of Abteh, Morocco	MK776108	<i>L. capensis</i>	Cyt_75	Lado <i>et al.</i>	2019

Lcas1_CYTB	Spain	AY176235	<i>L. castroviejo</i>	Cyt_126	Alves <i>et al.</i>	2003
Lcas2_CYTB	Spain	AY176236	<i>L. castroviejo</i>	Cyt_127	Alves <i>et al.</i>	2003
Lcas3_CYTB	Spain	AY942569	<i>L. castroviejo</i>	Cyt_128	Melo-Ferreira <i>et al.</i>	2005
Lcas4_CYTB	Spain	DQ883038	<i>L. castroviejo</i>	Cyt_5	Melo-Ferreira <i>et al.</i>	2007
Lcas5_CYTB	Spain	JN037350	<i>L. castroviejo</i>	Cyt_126	Melo-Ferreira <i>et al.</i>	2011b
Lcas6_CYTB	Spain	JN037351	<i>L. castroviejo</i>	Cyt_128	Melo-Ferreira <i>et al.</i>	2011b
Lcas7_CYTB	Spain	JN037352	<i>L. castroviejo</i>	Cyt_127	Melo-Ferreira <i>et al.</i>	2011b
Lcas8_CYTB	Spain	JN037353	<i>L. castroviejo</i>	Cyt_127	Melo-Ferreira <i>et al.</i>	2011b
Lcas9_CYTB	Spain	JN037354	<i>L. castroviejo</i>	Cyt_129	Melo-Ferreira <i>et al.</i>	2011b
Lcas10_CYTB	Spain	JN037355	<i>L. castroviejo</i>	Cyt_130	Melo-Ferreira <i>et al.</i>	2011b
Lcom1_CYTB	--- Asia	AJ279402	<i>L. comus</i>	Cyt_131	Wu and Zhang (Unp)	2000
Lcom2_CYTB	China	HM233073	<i>L. comus</i>	Cyt_32	Liu <i>et al.</i>	2011
Lcom3_CYTB	China	HM233074	<i>L. comus</i>	Cyt_132	Liu <i>et al.</i>	2011
Lcor1_CYTB	South Korea	AB687531	<i>L. coreanus</i>	Cyt_5	Kinoshita <i>et al.</i>	2012

Lcor2_CYTB	Korea	NC_024259 / KF040450	<i>L. coreanus</i>	Cyt_5	Yu <i>et al.</i>	2015
Lcors1_CYTB	Italy	AF157463	<i>L. corsicanus</i>	Cyt_133	Pierpaoli <i>et al.</i>	1999
Lcors2_CYTB	Italy	AF157464	<i>L. corsicanus</i>	Cyt_133	Pierpaoli <i>et al.</i>	1999
Lcors3_CYTB	Italy	AY176237	<i>L. corsicanus</i>	Cyt_133	Alves <i>et al.</i>	2003
Lcors4_CYTB	France	KJ397606	<i>L. corsicanus</i>	Cyt_134	Melo-Ferreira <i>et al.</i>	2014
Leur1_CYTB	---	AF157460	<i>L. europaeus</i>	Cyt_135	Pierpaoli <i>et al.</i>	1999
Leur2_CYTB	Sweden	NC_004028 / AJ421471	<i>L. europaeus</i>	Cyt_136	Arnarson <i>et al.</i>	2002
Leur3_CYTB	Russia	AY745112	<i>L. europaeus</i>	Cyt_137	Wu <i>et al.</i>	2005
Leur4_CYTB	Russia	AY745113	<i>L. europaeus</i>	Cyt_73	Wu <i>et al.</i>	2005
Leur7_CYTB	---	KU250087	<i>L. europaeus</i>	Cyt_138	Amoutzias <i>et al.</i>	2016
Leur8_CYTB	---	KU250088	<i>L. europaeus</i>	Cyt_136	Amoutzias <i>et al.</i>	2016
Leur9_CYTB	---	KU250089	<i>L. europaeus</i>	Cyt_136	Amoutzias <i>et al.</i>	2016
Leur10_CYTB	---	KU250090	<i>L. europaeus</i>	Cyt_139	Amoutzias <i>et al.</i>	2016
Leur11_CYTB	---	KU250091	<i>L. europaeus</i>	Cyt_139	Amoutzias <i>et al.</i>	2016

Leur12_CYTB	Germany	JN037344	<i>L. europaeus</i>	Cyt_136	Melo-Ferreira <i>et al.</i>	2011b
Leur13_CYTB	Germany	JN037345	<i>L. europaeus</i>	Cyt_136	Melo-Ferreira <i>et al.</i>	2011b
Leur14_CYTB	Austria	JN037346	<i>L. europaeus</i>	Cyt_140	Melo-Ferreira <i>et al.</i>	2011b
Leur15_CYTB	Austria	JN037347	<i>L. europaeus</i>	Cyt_141	Melo-Ferreira <i>et al.</i>	2011b
Leur16_CYTB	France	JN037348	<i>L. europaeus</i>	Cyt_136	Melo-Ferreira <i>et al.</i>	2011b
Leur17_CYTB	France	JN037349	<i>L. europaeus</i>	Cyt_136	Melo-Ferreira <i>et al.</i>	2011b
Leur18_CYTB	Sweden	AF010161	<i>L. europaeus</i>	Cyt_136	Halanych <i>et al.</i>	1999
Leur19_CYTB	Sweden	AF010162	<i>L. europaeus</i>	Cyt_142	Halanych <i>et al.</i>	1999
Lgra1_CYTB	Iberian peninsula	JF299028	<i>L. granatensis</i>	Cyt_143	Melo-Ferreira <i>et al.</i>	2011a
Lgra2_CYTB	Iberian peninsula	JF299029	<i>L. granatensis</i>	Cyt_143	Melo-Ferreira <i>et al.</i>	2011a
Lgra3_CYTB	Iberian peninsula	JF299030	<i>L. granatensis</i>	Cyt_144	Melo-Ferreira <i>et al.</i>	2011a
Lgra4_CYTB	Iberian peninsula	JF299031	<i>L. granatensis</i>	Cyt_145	Melo-Ferreira <i>et al.</i>	2011a
Lgra5_CYTB	Iberian peninsula	JF299032	<i>L. granatensis</i>	Cyt_145	Melo-Ferreira <i>et al.</i>	2011a
Lgra6_CYTB	Iberian peninsula	JF299033	<i>L. granatensis</i>	Cyt_146	Melo-Ferreira <i>et al.</i>	2011a

Lgra7_CYTB	Iberian peninsula	JF299034	<i>L. granatensis</i>	Cyt_147	Melo-Ferreira <i>et al.</i>	2011a
Lgra8_CYTB	Iberian peninsula	JF299035	<i>L. granatensis</i>	Cyt_143	Melo-Ferreira <i>et al.</i>	2011a
Lgra9_CYTB	Iberian peninsula	JF299036	<i>L. granatensis</i>	Cyt_145	Melo-Ferreira <i>et al.</i>	2011a
Lgra10_CYTB	Iberian peninsula	JF299037	<i>L. granatensis</i>	Cyt_148	Melo-Ferreira <i>et al.</i>	2011a
Lgra11_CYTB	Iberian peninsula	JF299038	<i>L. granatensis</i>	Cyt_145	Melo-Ferreira <i>et al.</i>	2011a
Lgra12_CYTB	Iberian peninsula	JF299039	<i>L. granatensis</i>	Cyt_148	Melo-Ferreira <i>et al.</i>	2011a
Lgra13_CYTB	Iberian peninsula	JF299040	<i>L. granatensis</i>	Cyt_149	Melo-Ferreira <i>et al.</i>	2011a
Lgra14_CYTB	Iberian peninsula	JF299041	<i>L. granatensis</i>	Cyt_150	Melo-Ferreira <i>et al.</i>	2011a
Lgra15_CYTB	Iberian peninsula	JF299042	<i>L. granatensis</i>	Cyt_145	Melo-Ferreira <i>et al.</i>	2011a
Lgra16_CYTB	Iberian peninsula	JF299043	<i>L. granatensis</i>	Cyt_151	Melo-Ferreira <i>et al.</i>	2011a
Lgra17_CYTB	Spain	NC_024042 / KJ397610	<i>L. granatensis</i>	Cyt_152	Melo-Ferreira <i>et al.</i>	2014
Lgra18_CYTB	Spain	KJ397611	<i>L. granatensis</i>	Cyt_145	Melo-Ferreira <i>et al.</i>	2014
Lhai1_CYTB	Hainan, China	NC_025902 / JQ219662	<i>L. hainanus</i>	Cyt_153	Wang <i>et al.</i> (Unp)	2016
Loth1_CYTB	USA	KJ397608	<i>L. othus</i>	Cyt_5	Melo-Ferreira <i>et al.</i>	2014

Lsax1_CYTB_(Africa)	Africa	AY292730	<i>L. saxatilis</i>	Cyt_154	Mathee <i>et al.</i>	2004
Lsax2_CYTB_(Africa)	Africa	HQ596480	<i>L. saxatilis</i>	Cyt_155	Ramírez-Silva <i>et al.</i>	2010
Lsax3_CYT_(South_Africa)	Kimberly, South Africa	AF009731	<i>L. saxatilis</i>	Cyt_155	Halanych <i>et al.</i>	1999
Lsax4_CYTB_(Mozambique)	Mozambique	AY176247	<i>L. saxatilis</i>	Cyt_156	Alves <i>et al.</i>	2003
Lsax5_CYTB_(Mozambique)	Mozambique	AY176248	<i>L. saxatilis</i>	Cyt_157	Alves <i>et al.</i>	2003
Lsin1_CYTB	Asia	NC_025316 / KM362831	<i>L. sinensis</i>	Cyt_16	Ding <i>et al.</i>	2016
Ltib1_CYTB	China	LC073697	<i>L. tibetanus pamiriensis</i>	Cyt_36	Shan and Liu	2016
Ltim1_CYTB	Finland	NC_024040 / KJ397605	<i>L. timidus</i>	Cyt_158	Melo-Ferreira <i>et al.</i>	2014
Ltim2_CYTB	China	KR013248	<i>L. timidus</i>	Cyt_5	Fu (Unp)	2015
Ltim3_CYTB	---	KR019013	<i>L. timidus</i>	Cyt_159	Fu (Unp)	2015
Ltim4_CYTB	---	KR030069	<i>L. timidus</i>	Cyt_53	Fu (Unp)	2015
Ltim5_CYTB	---	KR030070	<i>L. timidus</i>	Cyt_160	Fu (Unp)	2015
Ltim6_CYTB	---	KR030071	<i>L. timidus</i>	Cyt_161	Fu (Unp)	2015
Ltim7_CYTB	---	KR030072	<i>L. timidus</i>	Cyt_5	Fu (Unp)	2015

Ltol1_CYTB	---	NC_025748/ KM609214	<i>L. tolai</i>	Cyt_162	Ding <i>et al.</i>	2016
Ltow1_CYTB	USA	NC_024041 / KJ397609	<i>L. townsendii</i>	Cyt_163	Melo-Ferreira <i>et al.</i>	2014
LschMoroc1_CYTB_(Guelmim)	Morocco (Guelmim)	MN175756	<i>L.schlumbergeri*</i>	Cyt_75	This study	2019
LsahMoroc2_CYTB (western Sahara)	Morocco (Near Auserd, western Sahara)	MN175761	<i>L. saharae*</i>	Cyt_79	This study	2019
LsahMoroc3_CYTB (western Sahara)	Morocco (Near Auserd, western Sahara)	MN175762	<i>L. saharae*</i>	Cyt_68	This study	2019
LsahMoroc4_CYTB (western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175763	<i>L. saharae*</i>	Cyt_99	This study	2019
LmedMoroc5_CYTB (Atlas)	Morocco (Aghbala)	MN175747	<i>L. mediterraneus*</i>	Cyt_164	This study	2019
LmedMoroc6_CYTB (Atlas)	Morocco (Aghbala)	MN175748	<i>L. mediterraneus*</i>	Cyt_165	This study	2019
LschMoroc7_CYTB (Aydar)	Morocco (Aydar)	MN175757	<i>L.schlumbergeri*</i>	Cyt_75	This study	2019
LschMoroc8_CYTB (Aydar)	Morocco (Aydar)	MN175758	<i>L.schlumbergeri*</i>	Cyt_166	This study	2019
LmedMoroc9_CYTB (Rif)	Morocco (Rif)	MN175749	<i>L. mediterraneus*</i>	Cyt_167	This study	2019
LmedMoroc10_CYTB (Rif)	Morocco (Rif)	MN175750	<i>L. mediterraneus*</i>	Cyt_167	This study	2019

LmedMoroc11_CYTB (Rif)	Morocco (Rif)	MN175751	<i>L. mediterraneus</i> *	Cyt_108	This study	2019
LmedMoroc12_CYTB (Rif)	Morocco (Rif)	MN175752	<i>L. mediterraneus</i> *	Cyt_167	This study	2019
LmedMoroc13_CYTB (Rif)	Morocco (Rif)	MN175753	<i>L. mediterraneus</i> *	Cyt_108	This study	2019
LmedMoroc14_CYTB (Rif)	Morocco (Rif)	MN175754	<i>L. mediterraneus</i> *	Cyt_167	This study	2019
LmedMoroc15_CYTB (Rif)	Morocco (Rif)	MN175755	<i>L. mediterraneus</i> *	Cyt_108	This study	2019
LschMoroc16_CYTB (western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175759	<i>L.schlumbergeri</i> *	Cyt_75	This study	2019
LschMoroc17_CYTB (western Sahara)	Morocco (Near Smara, western Sahara)	MN175760	<i>L.schlumbergeri</i> *	Cyt_75	This study	2019
Ocun1_CYTB	---	NC_001913 / AJ001588	<i>Oryctolagus cuniculus</i>		Gissi <i>et al.</i>	1999

*According to this study

C) Sequences used for COI mtDNA analyses

Name/code	Country	GenBank	<i>Lepus sp.</i>	Haplotype	Authors	Year
Lall1_COI	Mexico	KT308120	<i>L. alleni</i>	Co1	Álvarez-Castañeda and Lorenzo	2017
Lame1_COI	USA	NC024043 / KJ397613	<i>L. americanus</i>	Co2	Melo-Ferreira <i>et al.</i>	2014
Lame2_COI	USA	KT308121	<i>L. americanus</i>	Co3	Álvarez-Castañeda and Lorenzo	2017
Larc1_COI	Canada: Ellesmere Island	JF443245	<i>L. arcticus</i>	Co4	Eger <i>et al.</i> (Unp)	2012
Larc2_COI	Canada	JF443819	<i>L. arcticus</i>	Co4	Borisenko and Hebert (Unp)	2018
Larc3_COI	Canada	KJ397607	<i>L. arcticus</i>	Co4	Melo-Ferreira <i>et al.</i>	2014
Larc4_COI	---	KY786038	<i>L. arcticus</i>	Co5	Sinding <i>et al.</i> (Unp)	2018
Lcal1_COI	USA	KJ397614	<i>L. californicus</i>	Co6	Melo-Ferreira <i>et al.</i>	2014
Lcal2_COI	--- (America)	KP735338	<i>L. californicus</i>	Co7	Álvarez-Castañeda and Lorenzo	2017
Lcal3_COI	--- (America)	KP735339	<i>L. californicus</i>	Co8	Álvarez-Castañeda and Lorenzo	2017
Lcal4_COI	--- (America)	KP735340	<i>L. californicus</i>	Co10	Álvarez-Castañeda and Lorenzo	2017
Lcal5_COI	--- (America)	KP735341	<i>L. californicus</i>	Co11	Álvarez-Castañeda and Lorenzo	2017

Lcal6_COI	--- (America)	KP735342	<i>L. californicus</i>	Co12	Álvarez-Castañeda and Lorenzo	2017
Lcal7_COI	--- (America)	KP735343	<i>L. californicus</i>	Co13	Álvarez-Castañeda and Lorenzo	2017
Lcal8_COI	--- (America)	KP735344	<i>L. californicus</i>	Co14	Álvarez-Castañeda and Lorenzo	2017
Lcal9_COI	--- (America)	KP735345	<i>L. californicus</i>	Co15	Álvarez-Castañeda and Lorenzo	2017
Lcal10_COI	--- (America)	KP735346	<i>L. californicus</i>	Co16	Álvarez-Castañeda and Lorenzo	2017
Lcal11_COI	--- (America)	KP735347	<i>L. californicus</i>	Co17	Álvarez-Castañeda and Lorenzo	2017
Lcal12_COI	--- (America)	KP735348	<i>L. californicus</i>	Co6	Álvarez-Castañeda and Lorenzo	2017
Lcal13_COI	--- (America)	KP735349	<i>L. californicus</i>	Co18	Álvarez-Castañeda and Lorenzo	2017
Lcal14_COI	--- (America)	KP735350	<i>L. californicus</i>	Co19	Álvarez-Castañeda and Lorenzo	2017
Lcal15_COI	--- (America)	KP735351	<i>L. californicus</i>	Co20	Álvarez-Castañeda and Lorenzo	2017
Lcal16_COI	--- (America)	KP735352	<i>L. californicus</i>	Co21	Álvarez-Castañeda and Lorenzo	2017
Lcal17_COI	--- (America)	KP735353	<i>L. californicus</i>	Co22	Álvarez-Castañeda and Lorenzo	2017
Lcal18_COI	--- (America)	KP735354	<i>L. californicus</i>	Co23	Álvarez-Castañeda and Lorenzo	2017
Lcal19_COI	--- (America)	KP735355	<i>L. californicus</i>	Co24	Álvarez-Castañeda and Lorenzo	2017

Lcal20_COI	--- (America)	KP73556	<i>L. californicus</i>	Co25	Álvarez-Castañeda and Lorenzo	2017
Lcal21_COI	--- (America)	KP735357	<i>L. californicus</i>	Co26	Álvarez-Castañeda and Lorenzo	2017
Lcal22_COI	--- (America)	KP735358	<i>L. californicus</i>	Co27	Álvarez-Castañeda and Lorenzo	2017
Lcal23_COI	--- (America)	KP735359	<i>L. californicus</i>	Co28	Álvarez-Castañeda and Lorenzo	2017
Lcal24_COI	--- (America)	KP735360	<i>L. californicus</i>	Co29	Álvarez-Castañeda and Lorenzo	2017
Lcal25_COI	--- (America)	KP735361	<i>L. californicus</i>	Co30	Álvarez-Castañeda and Lorenzo	2017
Lcal26_COI	--- (America)	KP735362	<i>L. californicus</i>	Co31	Álvarez-Castañeda and Lorenzo	2017
Lcal27_COI	--- (America)	KP735363	<i>L. californicus</i>	Co32	Álvarez-Castañeda and Lorenzo	2017
Lcal28_COI	--- (America)	KP735364	<i>L. californicus</i>	Co33	Álvarez-Castañeda and Lorenzo	2017
Lcal29_COI	--- (America)	KP735365	<i>L. californicus</i>	Co34	Álvarez-Castañeda and Lorenzo	2017
Lcal30_COI	--- (America)	KP735366	<i>L. californicus</i>	Co35	Álvarez-Castañeda and Lorenzo	2017
Lcal31_COI	--- (America)	KP735367	<i>L. californicus</i>	Co36	Álvarez-Castañeda and Lorenzo	2017
Lcal32_COI	--- (America)	KP735368	<i>L. californicus</i>	Co37	Álvarez-Castañeda and Lorenzo	2017
Lcal33_COI	--- (America)	KP735369	<i>L. californicus</i>	Co38	Álvarez-Castañeda and Lorenzo	2017

Lcal34_COI	--- (America)	KP735370	<i>L. californicus</i>	Co39	Álvarez-Castañeda and Lorenzo	2017
Lcal35_COI	--- (America)	KP735371	<i>L. californicus</i>	Co40	Álvarez-Castañeda and Lorenzo	2017
Lcal36_COI	--- (America)	KP735372	<i>L. californicus</i>	Co41	Álvarez-Castañeda and Lorenzo	2017
Lcal37_COI	--- (America)	KP735373	<i>L. californicus</i>	Co42	Álvarez-Castañeda and Lorenzo	2017
Lcal38_COI	--- (America)	KP735374	<i>L. californicus</i>	Co9	Álvarez-Castañeda and Lorenzo	2017
Lcal39_COI	--- (America)	KP735375	<i>L. californicus</i>	Co43	Álvarez-Castañeda and Lorenzo	2017
Lcal40_COI	--- (America)	KP735376	<i>L. californicus</i>	Co44	Álvarez-Castañeda and Lorenzo	2017
Lcal41_COI	--- (America)	KP735377	<i>L. californicus</i>	Co45	Álvarez-Castañeda and Lorenzo	2017
Lcal42_COI	--- (America)	KP735378	<i>L. californicus</i>	Co46	Álvarez-Castañeda and Lorenzo	2017
Lcal43_COI	--- (America)	KP735379	<i>L. californicus</i>	Co47	Álvarez-Castañeda and Lorenzo	2017
Lcal44_COI	--- (America)	KU759786	<i>L. californicus</i>	Co9	Álvarez-Castañeda and Lorenzo	2017
Lcap1_COI_(China)	China	NC_015841 / GU937113	<i>L. capensis</i>	Co48	Wang and Yang (Unp)	2016
Lcap2_COI_(China)	Bole, Xinjiang Prov., China	HM233140	<i>L. capensis</i>	Co49	Liu <i>et al.</i>	2011
Lcap3_COI_(China)	Yining, Xinjiang Prov., China	HM233142	<i>L. capensis</i>	Co49	Liu <i>et al.</i>	2011

Lcap4_COI_(China)	Tulufan, Xinjiang Prov., China	HM233147	<i>L. capensis</i>	Co50	Liu <i>et al.</i>	2011
Lcap5_COI_(China)	Huzhu, Qinghai Prov., China	HM233148	<i>L. capensis</i>	Co51	Liu <i>et al.</i>	2011
Lcap6_COI_(China)	Huzhu, Qinghai Prov., China	HM233149	<i>L. capensis</i>	Co51	Liu <i>et al.</i>	2011
Lcap7_COI_(China)	Pingan, Qinghai Prov., China	HM233150	<i>L. capensis</i>	Co51	Liu <i>et al.</i>	2011
Lcap8_COI_(China)	Yangxian, Shanxi Prov., China	HM233151	<i>L. capensis</i>	Co52	Liu <i>et al.</i>	2011
Lcap9_COI_(China)	Yangxian, Shanxi Prov., China	HM233152	<i>L. capensis</i>	Co53	Liu <i>et al.</i>	2011
Lcap10_COI_(China)	Pingan, Qinghai Prov., China	HM233153	<i>L. capensis</i>	Co54	Liu <i>et al.</i>	2011
Lcap11_COI_(China)	Hulin, Heilongjiang Prov., China	HM233154	<i>L. capensis</i>	Co55	Liu <i>et al.</i>	2011
Lcap12_COI_(China)	Huangnihe, Jilin Prov., China	HM233155	<i>L. capensis</i>	Co55	Liu <i>et al.</i>	2011
Lcap13_COI_(China)	Wuyiling, Heilongjiang Prov., China	HM233156	<i>L. capensis</i>	Co56	Liu <i>et al.</i>	2011
Lcap14_COI_(China)	Xilinhaote, Neimenggu Prov., China	HM233157	<i>L. capensis</i>	Co57	Liu <i>et al.</i>	2011
Lcap15_COI_(China)	Minqin, Gansu Prov., China	HM233158	<i>L. capensis</i>	Co58	Liu <i>et al.</i>	2011
Lcap16_COI_(China)	Minqin, Gansu Prov., China	HM233159	<i>L. capensis</i>	Co58	Liu <i>et al.</i>	2011

Lcap17_COI_(China)	Huhehaote, Neimenggu Prov., China	HM233160	<i>L. capensis</i>	Co59	Liu <i>et al.</i>	2011
Lcap18_COI_(China)	Shangdu, Neimenggu Prov., China	HM233161	<i>L. capensis</i>	Co60	Liu <i>et al.</i>	2011
Lcap19_COI_(China)	Baochang, Neimenggu Prov., China	HM233162	<i>L. capensis</i>	Co61	Liu <i>et al.</i>	2011
Lcap20_COI_(China)	Jining, Shandong Prov., China	HM233163	<i>L. capensis</i>	Co48	Liu <i>et al.</i>	2011
Lcap21_COI_(China)	Jining, Shandong Prov., China	HM233164	<i>L. capensis</i>	Co48	Liu <i>et al.</i>	2011
Lcap22_COI_(China)	Jining, Shandong Prov., China	HM233165	<i>L. capensis</i>	Co48	Liu <i>et al.</i>	2011
Lcap23_COI_(China)	Yangxian, Shanxi Prov., China	HM233166	<i>L. capensis</i>	Co48	Liu <i>et al.</i>	2011
Lcap24_COI_(China)	Renshou, Sichuan Prov., China	HM233167	<i>L. capensis</i>	Co48	Liu <i>et al.</i>	2011
Lcap25_COI_(China)	Renshou, Sichuan Prov., China	HM233168	<i>L. capensis</i>	Co48	Liu <i>et al.</i>	2011
Lcap26_COI_(China)	Qianxian, Shanxi Prov., China	HM233169	<i>L. capensis</i>	Co48	Liu <i>et al.</i>	2011
Lcap27_COI_(China)	Jining, Shandong Prov., China	HM233170	<i>L. capensis</i>	Co62	Liu <i>et al.</i>	2011
Lcap28_COI_(China)	Luntai, Xinjiang Prov., China	HM233171	<i>L. capensis</i>	Co63	Liu <i>et al.</i>	2011
Lcap29_COI_(China)	Luntai, Xinjiang Prov., China	HM233172	<i>L. capensis</i>	Co63	Liu <i>et al.</i>	2011
Lcap30_COI_(China)	Bole, Xinjiang Prov., China	HM233173	<i>L. capensis</i>	Co64	Liu <i>et al.</i>	2011

Lcap31_COI_(China)	Aletai, Xinjiang Prov., China	HM233174	<i>L. capensis</i>	Co64	Liu <i>et al.</i>	2011
Lcap32_COI_(China)	Luntai, Xinjiang Prov., China	HM233175	<i>L. capensis</i>	Co65	Liu <i>et al.</i>	2011
Lcap33_COI_(China)	Jinzhou, Liaoning Prov., China	HM233194	<i>L. capensis</i>	Co66	Liu <i>et al.</i>	2011
Lcap34_COI_(China)	Jiaozhou, Shandong Prov., China	HM233204	<i>L. capensis</i>	Co67	Liu <i>et al.</i>	2011
Lcap35_COI_(China)	Jiaozhou, Shandong Prov., China	HM233205	<i>L. capensis</i>	Co67	Liu <i>et al.</i>	2011
Lcap36_COI_(China)	Jiaozhou, Shandong Prov., China	HM233206	<i>L. capensis</i>	Co68	Liu <i>et al.</i>	2011
Lcap37_COI_(China)	China	KF153030	<i>L. capensis</i>	Co69	Yin <i>et al.</i> (Unp)	2015
Lcap38_COI_(Mauritania)	Mauritania	KJ397612	<i>L. capensis</i>	Co70	Melo-Ferreira <i>et al.</i>	2014
Lcom1_COI	Tengchong, Yunnan Prov., China	HM233109	<i>L. comus</i>	Co71	Liu <i>et al.</i>	2011
Lcom2_COI	Tengchong, Yunnan Prov., China	HM233110	<i>L. comus</i>	Co71	Liu <i>et al.</i>	2011
Lcom3_COI	Nanjian, Yunnan Prov., China	HM233111	<i>L. comus</i>	Co72	Liu <i>et al.</i>	2011
Lcom4_COI	Baoshan, Yunnan Prov., China	HM233112	<i>L. comus</i>	Co73	Liu <i>et al.</i>	2011
Lcom5_COI	Zhaotong, Yunnan Prov., China	HM233114	<i>L. comus</i>	Co74	Liu <i>et al.</i>	2011

Lcom6_COI	Guangnan, Yunnan Prov., China	HM233115	<i>L. comus</i>	Co75	Liu <i>et al.</i>	2011
Lcom7_COI	Kunming, Yunnan Prov., China	HM233116	<i>L. comus</i>	Co75	Liu <i>et al.</i>	2011
Lcom8_COI	Kunming, Yunnan Prov., China	HM233117	<i>L. comus</i>	Co76	Liu <i>et al.</i>	2011
Lcor1_COI	Korea	NC024259 / KF040450	<i>L. coreanus</i>	Co77	Yu <i>et al.</i>	2015
Lcors1_COI	France	KJ397606	<i>L. corsicanus</i>	Co78	Melo-Ferreira <i>et al.</i>	2014
Leur1_COI	Sweden	NC00402 / AJ421471	<i>L. europaeus</i>	Co79	Arnason <i>et al.</i>	2002
Leur2_COI	---	EU623451	<i>L. europaeus</i>	Co79	Siadkowska and Zwierzchowski (Unp)	2016
Leur3_COI	Canada	JF443246	<i>L. europaeus</i>	Co79	Eger <i>et al.</i> (Unp)	2012
Leur4_COI	---	KU250081	<i>L. europaeus</i>	Co80	Amoutzias <i>et al.</i>	2016
Leur5_COI	---	KU250082	<i>L. europaeus</i>	Co79	Amoutzias <i>et al.</i>	2016
Leur6_COI	---	KU250083	<i>L. europaeus</i>	Co79	Amoutzias <i>et al.</i>	2016
Leur7_COI	---	KU250084	<i>L. europaeus</i>	Co81	Amoutzias <i>et al.</i>	2016
Leur8_COI	---	KU250085	<i>L. europaeus</i>	Co81	Amoutzias <i>et al.</i>	2016

Leur9_COI	---	KU250086	<i>L. europaeus</i>	Co81	Amoutzias <i>et al.</i>	2016
Leur10_COI	Turkey	KY211021	<i>L. europaeus</i>	Co82	Giannoulis <i>et al.</i>	2018
Leur11_COI	Ciprus	KY211022	<i>L. europaeus</i>	Co81	Giannoulis <i>et al.</i>	2018
Leur12_COI	Ciprus	KY211023	<i>L. europaeus</i>	Co81	Giannoulis <i>et al.</i>	2018
Leur13_COI	Ciprus	KY211024	<i>L. europaeus</i>	Co81	Giannoulis <i>et al.</i>	2018
Leur14_COI	Ciprus	KY211025	<i>L. europaeus</i>	Co81	Giannoulis <i>et al.</i>	2018
Leur15_COI	Greece	KY211026	<i>L. europaeus</i>	Co83	Giannoulis <i>et al.</i>	2018
Leur16_COI	Greece	KY211027	<i>L. europaeus</i>	Co84	Giannoulis <i>et al.</i>	2018
Leur17_COI	Greece	KY211028	<i>L. europaeus</i>	Co85	Giannoulis <i>et al.</i>	2018
Leur18_COI	Greece	KY211029	<i>L. europaeus</i>	Co80	Giannoulis <i>et al.</i>	2018
Leur19_COI	Germany	KY211030	<i>L. europaeus</i>	Co79	Giannoulis <i>et al.</i>	2018
Leur20_COI	Germany	KY211031	<i>L. europaeus</i>	Co79	Giannoulis <i>et al.</i>	2018
Leur21_COI	Poland	KY211032	<i>L. europaeus</i>	Co79	Giannoulis <i>et al.</i>	2018
Leur22_COI	Poland	KY211033	<i>L. europaeus</i>	Co79	Giannoulis <i>et al.</i>	2018

Leur23_COI	poland	KY211034	<i>L. europaeus</i>	Co79	Giannoulis <i>et al.</i>	2018
Leur24_COI	Austria	KY754511	<i>L. europaeus</i>	Co86	Schäffer <i>et al.</i>	2017
Lfla1_COI	Mexico	KT308122	<i>L. flavigularis</i>	Co87	Álvarez-Castañeda and Lorenzo	2017
Lfla2_COI	Mexico	KU759787	<i>L. flavigularis</i>	Co88	Álvarez-Castañeda and Lorenzo (Unp)	2017
Lgra1_COI	Spain	NC024042 / KJ397610	<i>L. granatensis</i>	Co89	Melo-Ferreira <i>et al.</i>	2014
Lgra2_COI	Spain	KJ397611	<i>L. granatensis</i>	Co90	Melo-Ferreira <i>et al.</i>	2014
Lhab_COI_(Ethiopia)	Ethiopia	SRX3516657	<i>L. habessinicus</i>	Co91	Smithsonian Biodiversity Surveys of Camp Lemonnier and Adjacent Areas	2017
Lhai1_COI	Hainan, China	HG763835	<i>L. hainanus</i>	Co92	Kong and Li (Unp)	2014
Lhai2_COI	Hainan, China	HG763846	<i>L. hainanus</i>	Co92	Kong and Li (Unp)	2014
Lhai3_COI	Hainan, China	HM233092	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai4_COI	Hainan, China	HM233093	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai5_COI	Hainan, China	HM233094	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai6_COI	Hainan, China	HM233095	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai7_COI	Hainan, China	HM233096	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011

Lhai8_COI	Hainan, China	HM233097	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai9_COI	Hainan, China	HM233098	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai10_COI	Hainan, China	HM233099	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai11_COI	Hainan, China	HM233100	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai12_COI	Hainan, China	HM233101	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai13_COI	Hainan, China	HM233102	<i>L. hainanus</i>	Co92	Liu <i>et al.</i>	2011
Lhai14_COI	Hainan, China	NC025902 / JQ219662	<i>L. hainanus</i>	Co93	Wang <i>et al.</i> (Unp)	2016
Lhai15_COI	Hainan, China	KF723328	<i>L. hainanus</i>	Co92	Kong <i>et al.</i>	2016
Lman1_COI	China	HM233118	<i>L. mandshuricus</i>	Co98	Liu <i>et al.</i>	2011
Lman2_COI	China	HM233119	<i>L. mandshuricus</i>	Co98	Liu <i>et al.</i>	2011
Lman3_COI	China	HM233120	<i>L. mandshuricus</i>	Co98	Liu <i>et al.</i>	2011
Lman4_COI	China	HM233121	<i>L. mandshuricus</i>	Co98	Liu <i>et al.</i>	2011
Lman5_COI	China	HM233126	<i>L. mandshuricus</i>	Co98	Liu <i>et al.</i>	2011
Lman6_COI	China	HM233128	<i>L. mandshuricus</i>	Co98	Liu <i>et al.</i>	2011

Lman7_COI	China	HM233139	<i>L. mandshuricus</i>	Co99	Liu <i>et al.</i>	2011
Lman8_COI	China	HM233144	<i>L. mandshuricus</i>	Co49	Liu <i>et al.</i>	2011
Lman9_COI	China	HM233145	<i>L. mandshuricus</i>	Co100	Liu <i>et al.</i>	2011
Lman10_COI	China	HM233193	<i>L. mandshuricus</i>	Co94	Liu <i>et al.</i>	2011
Lman11_COI	China	HM233198	<i>L. mandshuricus</i>	Co95	Liu <i>et al.</i>	2011
Lman12_COI	China	HM233201	<i>L. mandshuricus</i>	Co96	Liu <i>et al.</i>	2011
Lman13_COI	China	HM233202	<i>L. mandshuricus</i>	Co97	Liu <i>et al.</i>	2011
Lman14_COI	China	HM233203	<i>L. mandshuricus</i>	Co97	Liu <i>et al.</i>	2011
Lvic_COI_(Ghana)	Ghana	KJ192836	<i>L. victoriae</i>	Co101	Gaubert <i>et al.</i>	2015
Loio1_COI	China	HM233103	<i>L. oiostolus</i>	Co102	Liu <i>et al.</i>	2011
Loio2_COI	China	HM233104	<i>L. oiostolus</i>	Co102	Liu <i>et al.</i>	2011
Loio3_COI	China	HM233105	<i>L. oiostolus</i>	Co102	Liu <i>et al.</i>	2011
Loio4_COI	China	HM233106	<i>L. oiostolus</i>	Co103	Liu <i>et al.</i>	2011
Loio5_COI	China	HM233107	<i>L. oiostolus</i>	Co103	Liu <i>et al.</i>	2011

Loio6_COI	China	HM233108	<i>L. oiostolus</i>	Co104	Liu <i>et al.</i>	2011
Loth1_COI	USA	KJ397608	<i>L. othus</i>	Co105	Melo-Ferreira <i>et al.</i>	2014
Lpeg1_COI	--- Asia	HG763831	<i>L. peguensis</i>	Co106	Kong and Li (Unp)	2014
Lpeg2_COI	--- Asia	HG763832	<i>L. peguensis</i>	Co107	Kong and Li (Unp)	2014
Lpeg3_COI	--- Asia	HG763833	<i>L. peguensis</i>	Co108	Kong and Li (Unp)	2014
Lpeg4_COI	--- Asia	HG763834	<i>L. peguensis</i>	Co109	Kong and Li (Unp)	2014
Lpeg5_COI	--- Asia	HG763847	<i>L. peguensis</i>	Co106	Kong and Li (Unp)	2014
Lpeg6_COI	--- Asia	HG763848	<i>L. peguensis</i>	Co107	Kong and Li (Unp)	2014
Lpeg7_COI	--- Asia	HG763849	<i>L. peguensis</i>	Co108	Kong and Li (Unp)	2014
Lpeg8_COI	--- Asia	HG763850	<i>L. peguensis</i>	Co109	Kong and Li (Unp)	2014
Lpeg9_COI	--- Asia	KF723329	<i>L. peguensis</i>	Co106	Kong <i>et al.</i>	2016
Lpeg10_COI	--- Asia	KF723330	<i>L. peguensis</i>	Co107	Kong <i>et al.</i>	2016
Lpeg11_COI	--- Asia	KF723331	<i>L. peguensis</i>	Co108	Kong <i>et al.</i>	2016
Lpeg12_COI	--- Asia	KF723332	<i>L. peguensis</i>	Co109	Kong <i>et al.</i>	2016

Lsin1_COI	China	HM233195	<i>L. sinensis</i>	Co110	Liu <i>et al.</i>	2011
Lsin2_COI	China	HM233196	<i>L. sinensis</i>	Co111	Liu <i>et al.</i>	2011
Lsin3_COI	China	HM233197	<i>L. sinensis</i>	Co112	Liu <i>et al.</i>	2011
Lsin4_COI	China	HM233199	<i>L. sinensis</i>	Co113	Liu <i>et al.</i>	2011
Lsin5_COI	China	HM233200	<i>L. sinensis</i>	Co113	Liu <i>et al.</i>	2011
Lsin6_COI	China	HM233207	<i>L. sinensis</i>	Co68	Liu <i>et al.</i>	2011
Lsin7_COI	--- Asia	NC025316 / KM362831	<i>L. sinensis</i>	Co114	Ding <i>et al.</i>	2014
Ltib1_COI	China	LC073697	<i>L. tibetanus pamiriensis</i>	Co115	Shan and Liu	2016
Ltim1_COI	China	HM233122	<i>L. timidus</i>	Co98	Liu <i>et al.</i>	2011
Ltim2_COI	China	HM233124	<i>L. timidus</i>	Co98	Liu <i>et al.</i>	2011
Ltim3_COI	China	HM233125	<i>L. timidus</i>	Co98	Liu <i>et al.</i>	2011
Ltim4_COI	China	HM233127	<i>L. timidus</i>	Co98	Liu <i>et al.</i>	2011
Ltim5_COI	China	HM233129	<i>L. timidus</i>	Co98	Liu <i>et al.</i>	2011
Ltim6_COI	China	HM233130	<i>L. timidus</i>	Co116	Liu <i>et al.</i>	2011

Ltim7_COI	China	HM233131	<i>L. timidus</i>	Co116	Liu <i>et al.</i>	2011
Ltim8_COI	China	HM233132	<i>L. timidus</i>	Co98	Liu <i>et al.</i>	2011
Ltim9_COI	China	HM233133	<i>L. timidus</i>	Co49	Liu <i>et al.</i>	2011
Ltim10_COI	China	HM233134	<i>L. timidus</i>	Co49	Liu <i>et al.</i>	2011
Ltim11_COI	China	HM233135	<i>L. timidus</i>	Co49	Liu <i>et al.</i>	2011
Ltim12_COI	China	HM233136	<i>L. timidus</i>	Co49	Liu <i>et al.</i>	2011
Ltim13_COI	China	HM233137	<i>L. timidus</i>	Co49	Liu <i>et al.</i>	2011
Ltim14_COI	China	HM233138	<i>L. timidus</i>	Co49	Liu <i>et al.</i>	2011
Ltim15_COI	China	HM233141	<i>L. timidus</i>	Co49	Liu <i>et al.</i>	2011
Ltim16_COI	China	HM233143	<i>L. timidus</i>	Co117	Liu <i>et al.</i>	2011
Ltim17_COI	China	HM233146	<i>L. timidus</i>	Co118	Liu <i>et al.</i>	2011
Ltim18_COI	China	HM233191	<i>L. timidus</i>	Co94	Liu <i>et al.</i>	2011
Ltim19_COI	China	HM233192	<i>L. timidus</i>	Co94	Liu <i>et al.</i>	2011
Ltim20_COI	Finland	NC024040 / KJ397605	<i>L. timidus</i>	Co49	Melo-Ferreira <i>et al.</i>	2014

Ltim21_COI	---	KR030070	<i>L. timidus</i>	Co119	Fu (Unp)	2015
Ltim22_COI	---	KR019013	<i>L. timidus</i>	Co98	Fu (Unp)	2015
Ltim23_COI	China	KR013248	<i>L. timidus</i>	Co116	Fu (Unp)	2015
Ltim24_COI	---	KR030072	<i>L. timidus</i>	Co49	Fu (Unp)	2015
Ltim25_COI	---	KR030069	<i>L. timidus</i>	Co120	Fu (Unp)	2015
Ltim26_COI	---	KR030071	<i>L. timidus</i>	Co121	Fu (Unp)	2015
Ltim27_COI	Mongolia	KX859258	<i>L. timidus</i>	Co122	Bayarlkhagva <i>et al.</i> (Unp)	2018
Ltol1_COI	---	NC025748 / KM609214	<i>L. tolai</i>	Co123	Ding <i>et al.</i>	2014
Ltol3_COI	Mongolia	KX882048	<i>L. tolai</i>	Co124	Bayarlkhagva <i>et al.</i> (Unp)	2018
Ltow1_COI	USA	NC024041 / KJ397609	<i>L. townsendii</i>	Co125	Melo-Ferreira <i>et al.</i>	2014
Lyar1_COI	China	HM233176	<i>L. yarkandensis</i>	Co126	Liu <i>et al.</i>	2011
Lyar2_COI	China	HM233177	<i>L. yarkandensis</i>	Co126	Liu <i>et al.</i>	2011
Lyar3_COI	China	HM233178	<i>L. yarkandensis</i>	Co126	Liu <i>et al.</i>	2011
Lyar4_COI	China	HM233179	<i>L. yarkandensis</i>	Co126	Liu <i>et al.</i>	2011

Lyar5_COI	China	HM233180	<i>L. yarkandensis</i>	Co126	Liu <i>et al.</i>	2011
Lyar6_COI	China	HM233181	<i>L. yarkandensis</i>	Co127	Liu <i>et al.</i>	2011
Lyar7_COI	China	HM233182	<i>L. yarkandensis</i>	Co127	Liu <i>et al.</i>	2011
Lyar8_COI	China	HM233183	<i>L. yarkandensis</i>	Co127	Liu <i>et al.</i>	2011
Lyar9_COI	China	HM233184	<i>L. yarkandensis</i>	Co128	Liu <i>et al.</i>	2011
Lyar10_COI	China	HM233185	<i>L. yarkandensis</i>	Co128	Liu <i>et al.</i>	2011
Lyar11_COI	China	HM233186	<i>L. yarkandensis</i>	Co126	Liu <i>et al.</i>	2011
Lyar12_COI	China	HM233187	<i>L. yarkandensis</i>	Co129	Liu <i>et al.</i>	2011
Lyar13_COI	China	HM233188	<i>L. yarkandensis</i>	Co129	Liu <i>et al.</i>	2011
Lyar14_COI	China	HM233189	<i>L. yarkandensis</i>	Co129	Liu <i>et al.</i>	2011
Lyar15_COI	China	HM233190	<i>L. yarkandensis</i>	Co129	Liu <i>et al.</i>	2011
Lyar16_COI	China	KF153031	<i>L. yarkandensis</i>	Co130	Ying <i>et al.</i> (Unp)	2015
LschMoroc1_COI_(Guelmim)	Morocco (Guelmim)	MN175849	<i>L.schlumbergeri</i>*	Co131	This study	2019
LsahMoroc2_COI_(western Sahara)	Morocco (Near Auserd, western Sahara)	MN175854	<i>L. saharae</i>*	Co132	This study	2019

LsahMoroc3_COI_(western Sahara)	Morocco (Near Auserd, western Sahara)	MN175855	<i>L. saharae*</i>	Co70	This study	2019
LsahMoroc4_COI_(western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175856	<i>L. saharae*</i>	Co132	This study	2019
LmedMoroc5_COI_(Atlas)	Morocco (Aghbala)	MN175840	<i>L. mediterraneus*</i>	Co133	This study	2019
LmedMoroc6_COI_(Atlas)	Morocco (Aghbala)	MN175841	<i>L. mediterraneus*</i>	Co134	This study	2019
LschMoroc7_COI_(Aydar)	Morocco (Aydar)	MN175850	<i>L.schlumbergeri*</i>	Co135	This study	2019
LschMoroc8_COI_(Aydar)	Morocco (Aydar)	MN175851	<i>L.schlumbergeri*</i>	Co136	This study	2019
LmedMoroc9_COI_(Rif)	Morocco (Rif)	MN175842	<i>L. mediterraneus*</i>	Co137	This study	2019
LmedMoroc10_COI_(Rif)	Morocco (Rif)	MN175843	<i>L. mediterraneus*</i>	Co137	This study	2019
LmedMoroc11_COI_(Rif)	Morocco (Rif)	MN175844	<i>L. mediterraneus*</i>	Co138	This study	2019
LmedMoroc12_COI_(Rif)	Morocco (Rif)	MN175845	<i>L. mediterraneus*</i>	Co137	This study	2019
LmedMoroc13_COI_(Rif)	Morocco (Rif)	MN175846	<i>L. mediterraneus*</i>	Co138	This study	2019
LmedMoroc14_COI_(Rif)	Morocco (Rif)	MN175847	<i>L. mediterraneus*</i>	Co137	This study	2019

LmedMoroc15_COI_(Rif)	Morocco (Rif)	MN175848	<i>L. mediterraneus*</i>	Co138	This study	2019
LschMoroc16_COI_(western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175852	<i>L.schlumbergeri*</i>	Co139	This study	2019
LschMoroc17_COI_(western Sahara)	Morocco (Near Smara, western Sahara)	MN175853	<i>L.schlumbergeri*</i>	Co135	This study	2019
Ocun1_COI	---	NC_001913 / AJ001588	<i>Oryctolagus cuniculus</i>		Gissi <i>et al.</i>	1998

*According to this study

D) Sequences used for analyses with combined mtDNA

Name/code	Country	GenBank	<i>Lepus</i> sp.	Authors	Year
Lame1	USA	NC_024043 / KJ397613	<i>L. americanus</i>	Melo-Ferreira <i>et al.</i>	2014
Larc1	Canada	KJ397607	<i>L. arcticus</i>	Melo-Ferreira <i>et al.</i>	2014
Lcal1	USA	KJ397614	<i>L. californicus</i>	Melo-Ferreira <i>et al.</i>	2014
Lcap1_(China)	China	NC_01584 1/ GU937113	<i>L. capensis</i>	Wang .and Yang (Unp)	2016
Lcap2_(Mauritania)	Mauritania	KJ397612	<i>L. capensis</i>	Melo-Ferreira <i>et al.</i>	2014
Lcor1	Korea	NC_024259 / KF040450	<i>L. coreanus</i>	Yu <i>et al.</i>	2015
Lcors1	France	KJ397606	<i>L. corsicanus</i>	Melo-Ferreira <i>et al.</i>	2014
Leur1_(Turkey)	Turkey	KY211021	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur2_(Cyprus)	Cyprus	KY211022	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur3_(Cyprus)	Cyprus	KY211023	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur4_(Cyprus)	Cyprus	KY211024	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur5_(Cyprus)	Cyprus	KY211025	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018

Leur6_(Greece)	Greece	KY211026	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur7_(Greece)	Greece	KY211027	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur8_(Greece)	Greece	KY211028	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur9_(Greece)	Greece	KY211029	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur10_(Germany)	Germany	KY211030	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur11_(Germany)	Germany	KY211031	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur12_(Poland)	Poland	KY211032	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur13_(Poland)	Poland	KY211033	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur14_(Poland)	Poland	KY211034	<i>L. europaeus</i>	Giannoulis <i>et al.</i>	2018
Leur15_(Sweden)	Sweden	NC_004028/AJ421471	<i>L. europaeus</i>	Arnarson <i>et al.</i>	2002
Lgra1	Spain	NC_024042/KJ397610	<i>L. granatensis</i>	Melo-Ferreira <i>et al.</i>	2014
Lgra2	Spain	KJ397611	<i>L. granatensis</i>	Melo-Ferreira <i>et al.</i>	2014
Lhai1	Hainan, China	NC_025902 / JQ219662	<i>L. hainanus</i>	Wang <i>et al.</i> (Unp)	2016
Lsin1	China	NC_025316/KM362831	<i>L. sinensis</i>	Ding <i>et al.</i>	2016

Ltim1	Finland	NC_024040/KJ397605	<i>L. timidus</i>	Melo-Ferreira <i>et al.</i>	2014
Ltim2	China	KR013248	<i>L. timidus</i>	Fu (Unp)	2015
Ltim3	---	KR019013	<i>L. timidus</i>	Fu (Unp)	2015
Ltim4	---	KR030069	<i>L. timidus</i>	Fu (Unp)	2015
Ltim5	---	KR030070	<i>L. timidus</i>	Fu (Unp)	2015
Ltim6	---	KR030071	<i>L. timidus</i>	Fu (Unp)	2015
Ltim7	---	KR030072	<i>L. timidus</i>	Fu (Unp)	2015
Loth1	USA	KJ397608	<i>L. othus</i>	Melo-Ferreira <i>et al.</i>	2014
Ltib1	China	LC073697	<i>L. tibetanus pamirensis</i>	Shan and Liu	2016
Ltol1	---	NC_025748/KM609214	<i>L. tolai</i>	Ding <i>et al.</i>	2016
Ltow1	USA	NC_024041/KJ397609	<i>L. townsendii</i>	Melo-Ferreira <i>et al.</i>	2014
Lvic_(Ghana)	Ghana	(12s)_KJ192554 (16s)_KJ193116 (COI)_KJ192836 (CYTB)_KJ193381	<i>L. victoriae</i>	Gaubert <i>et al.</i>	2015
LschMoroc1_(Guelmim)	Morocco (Guelmim)	(12s)_MN175781 (16s)_MN175798 (COI)_MN175849 (CR)_MN175866	<i>L.schlumbergeri</i>*	This study	2019

		(CYTB)_ MN175756			
LsahMoroc2_(western Sahara)	Morocco (Near Auserd, western Sahara)	(12s)_ MN175786 (16s)_ MN175803 (COI)_ MN175854 (CR)_ MN175871 (CYTB)_ MN175761	<i>L. saharae</i> *	This study	2019
LsahMoroc3_(western Sahara)	Morocco (Near Auserd, western Sahara)	(12s)_ MN175787 (16s)_ MN175804 (COI)_ MN175855 (CR)_ MN175872 (CYTB)_ MN175762	<i>L. saharae</i> *	This study	2019
LsahMoroc4_(western Sahara)	Morocco (Near Dakhla, western Sahara)	(12s)_ MN175788 (16s)_ MN175805 (COI)_ MN175856 (CR)_ MN175873 (CYTB)_ MN175763	<i>L. saharae</i> *	This study	2019
LmedMoroc5_(Atlas)	Morocco (Aghbala)	(12s)_ MN175772 (16s)_ MN175789 (COI)_ MN175840 (CR)_ MN175857 (CYTB)_ MN175747	<i>L. mediterraneus</i> *	This study	2019
LmedMoroc6_(Atlas)	Morocco (Aghbala)	(12s)_ MN175773 (16s)_ MN175790 (COI)_ MN175841 (CR)_ MN175858 (CYTB)_ MN175748	<i>L. mediterraneus</i> *	This study	2019
LschMoroc7_(Aydar)	Morocco (Aydar)	(12s)_ MN175782 (16s)_ MN175799 (COI)_ MN175850 (CR)_ MN175867 (CYTB)_ MN175757	<i>L.schlumbergeri</i> *	This study	2019

LschMoroc8_(Aydar)	Morocco (Aydar)	(12s)_ MN175783 (16s)_ MN175800 (COI)_ MN175851 (CR)_ MN175868 (CYTB)_ MN175758	<i>L.schlumbergeri*</i>	This study	2019
LmedMoroc9_(Rif)	Morocco (Rif)	(12s)_ MN175774 (16s)_ MN175791 (COI)_ MN175842 (CR)_ MN175859 (CYTB)_ MN175749	<i>L. mediterraneus*</i>	This study	2019
LmedMoroc10_(Rif)	Morocco (Rif)	(12s)_ MN175775 (16s)_ MN175792 (COI)_ MN175843 (CR)_ MN175860 (CYTB)_ MN175750	<i>L. mediterraneus*</i>	This study	2019
LmedMoroc11_(Rif)	Morocco (Rif)	(12s)_ MN175776 (16s)_ MN175793 (COI)_ MN175844 (CR)_ MN175861 (CYTB)_ MN175751	<i>L. mediterraneus*</i>	This study	2019
LmedMoroc12_(Rif)	Morocco (Rif)	(12s)_ MN175777 (16s)_ MN175794 (COI)_ MN175845 (CR)_ MN175862 (CYTB)_ MN175752	<i>L. mediterraneus*</i>	This study	2019
LmedMoroc13_(Rif)	Morocco (Rif)	(12s)_ MN175778 (16s)_ MN175795 (COI)_ MN175846 (CR)_ MN175863 (CYTB)_ MN175753	<i>L. mediterraneus*</i>	This study	2019

LmedMoroc14_(Rif)	Morocco (Rif)	(12s)_ MN175779 (16s)_ MN175796 (COI)_ MN175847 (CR)_ MN175864 (CYTB)_ MN175754	<i>L. mediterraneus</i> *	This study	2019
LmedMoroc15_(Rif)	Morocco (Rif)	(12s)_ MN175780 (16s)_ MN175797 (COI)_ MN175848 (CR)_ MN175865 (CYTB)_ MN175755	<i>L. mediterraneus</i> *	This study	2019
LschMoroc16_(western Sahara)	Morocco (Near Dakhla, western Sahara)	(12s)_ MN175784 (16s)_ MN175801 (COI)_ MN175852 (CR)_ MN175869 (CYTB)_ MN175759	<i>L.schlumbergeri</i> *	This study	2019
LschMoroc17_(western Sahara)	Morocco (Near Smara, western Sahara)	(12s)_ MN175785 (16s)_ MN175802 (COI)_ MN175853 (CR)_ MN175870 (CYTB)_ MN175760	<i>L.schlumbergeri</i> *	This study	2019
Ocun1	---	NC_001913 / AJ001588	<i>Oryctolagus cuniculus</i>	Gissi <i>et al.</i>	1998

*According to this study

E) Sequences used for combined nuclear DNA analyses. The sequences in blue were chosen for the Network.

Name/code	Country	ALB	CAII	KITLG	PRKC1	SPTBN1	TF	<i>Lepus sp.</i>	Haplotype	Authors	Year
Lame1_NUC	USA	JN036877	JN036903	JN036987	JN037015	JN037043	JN037069	<i>L. americanus</i>	Nuc1	Melo-Ferreira <i>et al.</i>	2011b
Lame2_NUC	USA	JN036878	JN036904	JN036988	JN037016	JN037044	JN037070	<i>L. americanus</i>	Nuc2	Melo-Ferreira <i>et al.</i>	2011b
Lame3_NUC	USA	JN036879	JN036905	JN036989	JN037017	JN037045	JN037071	<i>L. americanus</i>	Nuc3	Melo-Ferreira <i>et al.</i>	2011b
Larc1_NUC	Canada	JN036872	JN036898	JN036982	JN037010	JN037038	JN037064	<i>L. arcticus</i>	Nuc4	Melo-Ferreira <i>et al.</i>	2011b
Larc2_NUC	Canada	JN036873	JN036899	JN036983	JN037011	JN037039	JN037065	<i>L. arcticus</i>	Nuc5	Melo-Ferreira <i>et al.</i>	2011b
Larc3_NUC	Canada	JN036874	JN036900	JN036984	JN037012	JN037040	JN037066	<i>L. arcticus</i>	Nuc6	Melo-Ferreira <i>et al.</i>	2011b
Lcal1_NUC	USA	JN036880	JN036906	JN036990	JN037018	JN037046	JN037072	<i>L. californicus</i>	Nuc7	Melo-Ferreira <i>et al.</i>	2011b
Lcal2_NUC	USA	JN036881	JN036907	JN036991	JN037019	JN037047	JN037073	<i>L. californicus</i>	Nuc8	Melo-Ferreira <i>et al.</i>	2011b
Lcal3_NUC	USA	JN036882	JN036908	JN036992	JN037020	JN037048	JN037074	<i>L. californicus</i>	Nuc8	Melo-Ferreira <i>et al.</i>	2011b
Lcap3_NUC_(Rabat, Morocco)	Rabat, Morocco	JN036869	JN036895	JN036979	JN037007	JN037035	JN037061	<i>L. capensis</i>	Nuc9	Melo-Ferreira <i>et al.</i>	2011b
Lcap4_NUC_(Tetouan, Morocco)	Tetouan, Morocco	JN036870	JN036896	JN036980	JN037008	JN037036	JN037062	<i>L. capensis</i>	Nuc10	Melo-Ferreira <i>et al.</i>	2011b
Lcap5_NUC_(Tunisia)	Tunisia	JN036871	JN036897	JN036981	JN037009	JN037037	JN037063	<i>L. capensis</i>	Nuc11	Melo-Ferreira <i>et al.</i>	2011a

Lcor3_NUC	France	JN036866	JN036892	JN036976	JN037004	JN037032	JN037058	<i>L. corsicanus</i>	Nuc12	Melo-Ferreira <i>et al.</i>	2011b
Lcor4_NUC	France	JN036867	JN036893	JN036977	JN037005	JN037033	JN037059	<i>L. corsicanus</i>	Nuc12	Melo-Ferreira <i>et al.</i>	2011b
Lcor5_NUC	France	JN036868	N036894	JN036978	JN037006	JN037034	JN037060	<i>L. corsicanus</i>	Nuc12	Melo-Ferreira <i>et al.</i>	2011b
Leur3_NUC	Spain	JN036864	JN036890	JN036972	JN037000	JN037028	JN037056	<i>L. europaeus</i>	Nuc13	Melo-Ferreira <i>et al.</i>	2011b
Leur4_NUC	Spain	JN036865	JN036891	JN036973	JN037001	JN037029	JN037057	<i>L. europaeus</i>	Nuc14	Melo-Ferreira <i>et al.</i>	2011b
Lgra3_NUC	Spain	JN036862	JN036888	JN036970	JN036998	JN037026	JN037054	<i>L. granatensis</i>	Nuc15	Melo-Ferreira <i>et al.</i>	2011b
Lgra4_NUC	Spain	JN036863	JN036889	JN036971	JN036999	JN037027	JN037055	<i>L. granatensis</i>	Nuc16	Melo-Ferreira <i>et al.</i>	2011b
Loth1_NUC	USA	JN036875	JN036901	JN036985	JN037013	JN037041	JN037067	<i>L. othus</i>	Nuc6	Melo-Ferreira <i>et al.</i>	2011b
Loth2_NUC	USA	JN036876	JN036902	JN036986	JN037014	JN037042	JN037068	<i>L. othus</i>	Nuc17	Melo-Ferreira <i>et al.</i>	2011b
Ltow1_NUC	USA	JN036883	JN036909	JN036993	JN037021	JN037049	JN037075	<i>L. townsendii</i>	Nuc18	Melo-Ferreira <i>et al.</i>	2011b
Ltow2_NUC	USA	JN036884	JN036910	JN036994	JN037022	JN037050	JN037076	<i>L. townsendii</i>	Nuc18	Melo-Ferreira <i>et al.</i>	2011b
Ltow3_NUC	USA	JN036885	JN036911	JN036995	JN037023	JN037051	JN037077	<i>L. townsendii</i>	Nuc18	Melo-Ferreira <i>et al.</i>	2011b
LschMoroc1_NUC (Guelmim)	Morocco (Guelmim)	MN175832	MN175815	MN175764	MN175884	MN175916	MN175903	<i>L. schlumbergeri</i> *	Nuc19	This study	2019
LsahMoroc2_NUC (western Sahara)	Morocco (Near Auserd, western Sahara)	MN175837	MN175820	MN175769	MN175889	---	MN175906	<i>L. saharae</i> *	---	This study	2019

LsahMoroc3_NUC (western Sahara)	Morocco (Near Auserd, western Sahara)	MN175838	MN175821	MN175770	MN175890	MN175909	MN175907	<i>L. saharae</i> *	Nuc20	This study	2019
LsahMoroc4_NUC (western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175839	MN175822	MN175771	MN175891	MN175910	MN175908	<i>L. saharae</i> *	Nuc21	This study	2019
LmedMoroc5_NUC (Atlas)	Morocco (Aghbala)	MN175823	MN175806	MN147771	MN175875	MN175911	MN175892	<i>L. mediterraneus</i> *	Nuc22	This study	2019
LmedMoroc6_NUC (Atlas)	Morocco (Aghbala)	MN175824	MN175807	MN147772	MN175876	---	MN175893	<i>L. mediterraneus</i> *	---	This study	2019
LschMoroc7_NUC (Aydar)	Morocco (Aydar)	MN175833	MN175816	MN175765	MN175885	MN175917	MN175901	<i>L.schlumbergeri</i> *	Nuc23	This study	2019
LschMoroc8_NUC (Aydar)	Morocco (Aydar)	MN175834	MN175817	MN175766	MN175886	---	MN175904	<i>L.schlumbergeri</i> *	---	This study	2019
LmedMoroc9_NUC (Rif)	Morocco (Rif)	MN175825	MN175808	MN147773	MN175877	MN175912	MN175894	<i>L. mediterraneus</i> *	---	This study	2019
LmedMoroc10_NUC (Rif)	Morocco (Rif)	MN175826	MN175809	MN147774	MN175878	MN175913	MN175895	<i>L. mediterraneus</i> *	---	This study	2019
LmedMoroc11_NUC (Rif)	Morocco (Rif)	MN175827	MN175810	MN147775	MN175879	---	MN175896	<i>L. mediterraneus</i> *	---	This study	2019
LmedMoroc12_NUC (Rif)	Morocco (Rif)	MN175828	MN175811	MN147776	MN175880	---	MN175897	<i>L. mediterraneus</i> *	---	This study	2019
LmedMoroc13_NUC (Rif)	Morocco (Rif)	MN175829	MN175812	MN147777	MN175881	MN175914	MN175898	<i>L. mediterraneus</i> *	---	This study	2019
LmedMoroc14_NUC (Rif)	Morocco (Rif)	MN175830	MN175813	MN147778	MN175882	---	MN175899	<i>L. mediterraneus</i> *	---	This study	2019
LmedMoroc15_NUC (Rif)	Morocco (Rif)	MN1758231	MN175814	MN147779	MN175883	MN175915	MN175900	<i>L. mediterraneus</i> *	---	This study	2019

LschMoroc16_NUC (western Sahara)	Morocco (Near Dakhla, western Sahara)	MN175835	MN175818	MN175767	MN175887	MN175918	MN175902	<i>L.schlumbergeri</i> *	Nuc24	This study	2019
LschMoroc17_NUC (western Sahara)	Morocco (Near Smara, western Sahara)	MN175836	MN175819	MN175768	MN175888	MN175919	MN175905	<i>L.schlumbergeri</i> *	Nuc25	This study	2019
Ocun1	---	JN036886	JN036912	JN036996	JN037024	JN037052	JN037078	<i>Oryctolagus cuniculus</i>	--	Melo-Ferreira <i>et al.</i>	2011b

*According to this study

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Table S4. Parameters used to perform the Bayesian trees.

	Number of sequences used	Total length of sequences excluding gaps and missing data (base pairs)	Best model	Criterion (AIC/BIC)	Divergence between <i>Lepus</i> sp. and <i>O. cuniculus</i>	Mutation rate (substitutions/site/year)
Control region	168 sequences ^{#1}	409 bp	GTR + I + G	AIC	11.8 million years (Matthee <i>et al.</i> 2004)	7.02 x 10 ⁻⁹
Cytochrome b	137 sequences ^{#2}	384 bp	HKY + G	AIC/BIC	11.8 million years (Matthee <i>et al.</i> 2004)	15.3 x 10 ⁻⁹
Combined mitochondrial DNA without <i>Lepus victoricae</i> (12S, 16S, CYTB, COI, CR)	55 sequences	2,890 bp		BIC	11.8 million years (Matthee <i>et al.</i> 2004)	
	12s rDNA		HKY + G			3 x 10 ⁻⁹
	16s Rdna		GTR + G			3.5 x 10 ⁻⁹
	Cytb		HKY + I + G			8.5 x 10 ⁻⁹
	COI		HKY + G			7.4 x 10 ⁻⁹
	CR			HKY + G		13.8 x 10 ⁻⁹
Combined mitochondrial DNA with <i>Lepus victoricae</i> (12S, 16S,CYTB, COI)	56 sequences	1,807 bp		BIC	11.8 million years (Matthee <i>et al.</i> 2004)	
	12s rDNA		HKY + G			3 x 10 ⁻⁹
	16s rDNA		GTR + G			3.5 x 10 ⁻⁹
	Cytb		HKY + G			7.4 x 10 ⁻⁹
	COI		HKY + G			7.4 x 10 ⁻⁹

^{#1} Haplotypes representing 328 hares

^{#2} Haplotypes representing 154 hares

Reference

Matthee C.A., van Vuuren B.J., Bell D., Robinson T.J. A molecular supermatrix of the rabbits and hares (Leporidae) allows for the identification of five intercontinental exchanges during the Miocene. *Syst. Biol.* 2004; 53:433–447. PMID: 15503672

D) Pairwise distances between COI mtDNA sequences.

The sequences have been grouped by species except for those considered *Lepus capensis* in Africa and China: The three lineages found in Morocco (shown in phylogenetic trees and networks) have been grouped separately. The rest of the hares considered *Lepus capensis* have been grouped by their countries of origin to analyse in more detail their relations with the hares under study. It has been highlighted in blue the genetic distances between different species with values similar to those found among the species that inhabit Morocco. The numbers in red indicate smaller distances.

	<i>Lepus sp. Ma</i>	<i>Lepus sp. Ma</i>	<i>Lepus sp. Ma</i>	<i>Lepus sp. Ma</i>	<i>Lepus victor</i>	<i>Lepus habes</i>	<i>Lepus capensis</i>	<i>Lepus allen</i>	<i>Lepus ameri</i>	<i>Lepus arctic</i>	<i>Lepus calif</i>	<i>Lepus comm</i>	<i>Lepus corea</i>	<i>Lepus coris</i>	<i>Lepus euro</i>	<i>Lepus flav</i>	<i>Lepus grand</i>	<i>Lepus hain</i>	<i>Lepus mand</i>	<i>Lepus sinit</i>	<i>Lepus oth</i>	<i>Lepus pegu</i>	<i>Lepus stene</i>	<i>Lepus tibet</i>	<i>Lepus himal</i>	<i>Lepus sol</i>	<i>Lepus towa</i>	<i>Lepus yakar</i>	<i>Oryctolagus cuniculus</i>
<i>Lepus sp. Morocco (NM)</i>		0.0066	0.0064	0.0065	0.0116	0.0103	0.0101	0.0108	0.0097	0.0116	0.0108	0.0100	0.0102	0.0110	0.0099	0.0094	0.0105	0.0099	0.0108	0.0105	0.0104	0.0095	0.0111	0.0109	0.0111	0.0111	0.0111	0.0121	0.0141
<i>Lepus sp. Morocco (CM)</i>	0.0341		0.0060	0.0053	0.0119	0.0099	0.0106	0.0095	0.0109	0.0108	0.0099	0.0111	0.0109	0.0106	0.0097	0.0095	0.0098	0.0100	0.0112	0.0096	0.0104	0.0113	0.0095	0.0104	0.0110	0.0104	0.0109	0.0107	0.0117
<i>Lepus sp. Morocco (NM)</i>	0.0312	0.0281		0.0030	0.0054	0.0114	0.0106	0.0111	0.0100	0.0115	0.0110	0.0108	0.0117	0.0111	0.0112	0.0110	0.0098	0.0094	0.0104	0.0108	0.0117	0.0094	0.0108	0.0113	0.0110	0.0117	0.0113	0.0120	0.0139
<i>Lepus capensis Mauritania</i>	0.0233	0.0294	0.0011		0.0055	0.0114	0.0106	0.0112	0.0100	0.0115	0.0111	0.0101	0.0117	0.0111	0.0102	0.0111	0.0098	0.0094	0.0103	0.0104	0.0117	0.0094	0.0106	0.0113	0.0110	0.0117	0.0113	0.0120	0.0139
<i>Lepus victor</i>	0.0293	0.0268	0.0197	0.0208		0.0114	0.0102	0.0109	0.0095	0.0109	0.0107	0.0100	0.0110	0.0107	0.0100	0.0112	0.0092	0.0094	0.0098	0.0102	0.0111	0.0094	0.0107	0.0111	0.0104	0.0113	0.0108	0.0116	0.0137
<i>Lepus habesiticus</i>	0.0867	0.1023	0.0911	0.0911	0.0927		0.0100	0.0113	0.0098	0.0111	0.0106	0.0098	0.0108	0.0110	0.0077	0.0106	0.0094	0.0099	0.0101	0.0104	0.0110	0.0101	0.0114	0.0107	0.0105	0.0110	0.0111	0.0110	0.0142
<i>Lepus capensis China</i>	0.0886	0.0846	0.0884	0.0879	0.0813	0.0910		0.0101	0.0091	0.0094	0.0097	0.0084	0.0082	0.0083	0.0088	0.0087	0.0092	0.0095	0.0088	0.0093	0.0088	0.0088	0.0085	0.0089	0.0088	0.0089	0.0089	0.0089	0.0134
<i>Lepus allen</i>	0.0834	0.0808	0.0868	0.0879	0.0815	0.0911	0.0908		0.0070	0.0116	0.0053	0.0101	0.0115	0.0112	0.0105	0.0097	0.0101	0.0110	0.0107	0.0105	0.0112	0.0105	0.0114	0.0112	0.0110	0.0107	0.0109	0.0115	0.0142
<i>Lepus americanus</i>	0.0908	0.0871	0.0935	0.0935	0.0871	0.0942	0.0891	0.0859		0.0101	0.0060	0.0090	0.0100	0.0100	0.0089	0.0089	0.0091	0.0096	0.0094	0.0095	0.0099	0.0094	0.0106	0.0096	0.0097	0.0097	0.0097	0.0097	0.0102
<i>Lepus arcticus</i>	0.0904	0.0840	0.0881	0.0871	0.0775	0.0950	0.0867	0.0935	0.0942		0.0109	0.0093	0.0111	0.0081	0.0100	0.0111	0.0081	0.0103	0.0099	0.0095	0.0095	0.0095	0.0087	0.0087	0.0081	0.0071	0.0064	0.0089	0.0139
<i>Lepus californicus</i>	0.0894	0.0863	0.0906	0.0917	0.0855	0.0891	0.0893	0.0288	0.0482	0.0902		0.0093	0.0108	0.0105	0.0100	0.0093	0.0094	0.0105	0.0101	0.0100	0.0105	0.0100	0.0111	0.0107	0.0104	0.0104	0.0099	0.0109	0.0143
<i>Lepus comm</i>	0.0798	0.0776	0.0754	0.0765	0.0757	0.0807	0.0717	0.0793	0.0810	0.0655	0.0757		0.0093	0.0093	0.0091	0.0099	0.0085	0.0095	0.0084	0.0095	0.0094	0.0094	0.0101	0.0088	0.0088	0.0096	0.0092	0.0096	0.0140
<i>Lepus coreanus</i>	0.0909	0.0847	0.0889	0.0879	0.0783	0.0911	0.0328	0.0927	0.0942	0.0072	0.0902	0.0659		0.0097	0.0109	0.0060	0.0096	0.0036	0.0096	0.0021	0.0091	0.0089	0.0077	0.0019	0.0068	0.0064	0.0083	0.0139	
<i>Lepus coreanicus</i>	0.0859	0.0847	0.0825	0.0815	0.0751	0.0301	0.0911	0.0942	0.0246	0.0887	0.0675	0.0234		0.0095	0.0108	0.0081	0.0081	0.0081	0.0091	0.0089	0.0091	0.0097	0.0073	0.0054	0.0054	0.0066	0.0088	0.0141	
<i>Lepus europaeus</i>	0.0852	0.0841	0.0817	0.0817	0.0801	0.0801	0.0728	0.0866	0.0864	0.0747	0.0853	0.0701	0.0708	0.0672		0.0102	0.0084	0.0087	0.0087	0.0096	0.0099	0.0083	0.0099	0.0097	0.0099	0.0099	0.0099	0.0102	0.0123
<i>Lepus flagellatoris</i>	0.0852	0.0815	0.0836	0.0847	0.0895	0.0871	0.0304	0.0527	0.0863	0.0238	0.0713	0.0863	0.0847	0.0825		0.0095	0.0103	0.0103	0.0105	0.0107	0.0099	0.0112	0.0109	0.0106	0.0105	0.0104	0.0109	0.0148	
<i>Lepus grantianus</i>	0.0945	0.0923	0.0889	0.0879	0.0831	0.0911	0.0635	0.0942	0.0495	0.0921	0.0791	0.0487	0.0533	0.0771	0.0895		0.0086	0.0063	0.0086	0.0061	0.0082	0.0083	0.0082	0.0059	0.0073	0.0073	0.0086	0.0133	
<i>Lepus himalaicus</i>	0.0754	0.0742	0.0715	0.0704	0.0720	0.0763	0.0830	0.0815	0.0718	0.0798	0.0702	0.0886	0.0886	0.0811	0.0734	0.0751		0.0091	0.0094	0.0097	0.0046	0.0106	0.0103	0.0099	0.0101	0.0101	0.0101	0.0116	0.0143
<i>Lepus mandchuricus</i>	0.0886	0.0823	0.0852	0.0841	0.0779	0.0911	0.0426	0.0950	0.0972	0.0234	0.0922	0.0698	0.0231	0.0379	0.0706	0.0896	0.0577	0.0730		0.0086	0.0034	0.0082	0.0059	0.0073	0.0035	0.0062	0.0078	0.0134	
<i>Lepus sinitus</i>	0.0764	0.0767	0.0761	0.0772	0.0735	0.0833	0.0712	0.0849	0.0849	0.0692	0.0797	0.0230	0.0668	0.0615	0.0634	0.0769	0.0773	0.0624	0.0690		0.0096	0.0094	0.0103	0.0089	0.0091	0.0099	0.0094	0.0098	0.0137
<i>Lepus oth</i>	0.0909	0.0847	0.0889	0.0879	0.0783	0.0911	0.0329	0.0895	0.0927	0.0072	0.0870	0.0659	0.0303	0.0221	0.0708	0.0831	0.0487	0.0686	0.0240	0.0668		0.0092	0.0086	0.0081	0.0013	0.0068	0.0065	0.0084	0.0140
<i>Lepus peguensis</i>	0.0774	0.0765	0.0737	0.0727	0.0727	0.0799	0.0742	0.0819	0.0835	0.0763	0.0808	0.0733	0.0671	0.0631	0.0623	0.0747	0.0719	0.0209	0.0720	0.0636	0.0671	0.0102	0.0102	0.0088	0.0097	0.0093	0.0077	0.0143	
<i>Lepus stene</i>	0.0881	0.0817	0.0822	0.0815	0.0819	0.0940	0.0697	0.1027	0.1008	0.0577	0.0997	0.0816	0.0577	0.0664	0.0716	0.0944	0.0764	0.0814	0.0399	0.0773	0.0545	0.0809		0.0100	0.0082	0.0097	0.0092	0.0094	0.0143
<i>Lepus tibetanus</i>	0.0824	0.0837	0.0852	0.0863	0.0767	0.0863	0.0374	0.0847	0.0871	0.0471	0.0841	0.0637	0.0399	0.0399	0.0692	0.0815	0.0703	0.0734	0.0516	0.0631	0.0441	0.0751	0.0675		0.0075	0.0080	0.0065	0.0145	
<i>Lepus himalaicus</i>	0.0888	0.0826	0.0867	0.0857	0.0770	0.0903	0.0341	0.0920	0.0940	0.0109	0.0899	0.0659	0.0088	0.0253	0.0708	0.0866	0.0513	0.0694	0.0242	0.0664	0.0206	0.0581	0.0550	0.0440		0.0062	0.0060	0.0082	0.0136
<i>Lepus sol</i>	0.1008	0.0958	0.1009	0.0998	0.0935	0.1022	0.0340	0.0990	0.1058	0.0447	0.1003	0.0839	0.0407	0.0327	0.0883	0.0982	0.0719	0.0878	0.0540	0.0831	0.0407	0.0843	0.0791	0.0519	0.0415		0.0073	0.0090	0.0138
<i>Lepus tonnerdi</i>	0.0829	0.0799	0.0841	0.0831	0.0767	0.0895	0.0397	0.0863	0.0883	0.0280	0.0797	0.0643	0.0272	0.0304	0.0861	0.0799	0.0599	0.0866	0.0397	0.0642	0.0232	0.0641	0.0447	0.0203	0.0471		0.0047	0.0090	0.0141
<i>Lepus yakardensis</i>	0.0968	0.0950	0.0961	0.0971	0.0888	0.0898	0.0539	0.0961	0.0995	0.0586	0.0922	0.0800	0.0524	0.0580	0.0810	0.0904	0.0796	0.0811	0.0591	0.0792	0.0516	0.0860	0.0678	0.0316	0.0553	0.0676	0.0596	0.0141	
<i>Oryctolagus cuniculus</i>	0.1413	0.1431	0.1395	0.1406	0.1342	0.1502	0.1474	0.1486	0.1558	0.1502	0.1531	0.1468	0.1486	0.1454	0.1498	0.1581	0.1526	0.1503	0.1507	0.1374	0.1518	0.1506	0.1511	0.1486	0.1502	0.1526	0.1502	0.1466	

CAPTION:

Table. Estimates of Evolutionary Divergence over Sequence Pairs between Groups
 The number of base substitutions per site from averaging over all sequence pairs between groups are shown. Standard error estimate(s) are shown above the diagonal. Analyses were conducted using the Tamura 3-parameter model [1]. The analysis involved 249 nucleotide sequences. Codon positions included were 1st+2nd+3rd-Noncoding. All positions containing gaps and missing data were eliminated. There were a total of 626 positions in the final dataset. Evolutionary analyses were conducted in MEGA7 [2].

Table S6. Estimated time of divergence calculated for Moroccan hares.

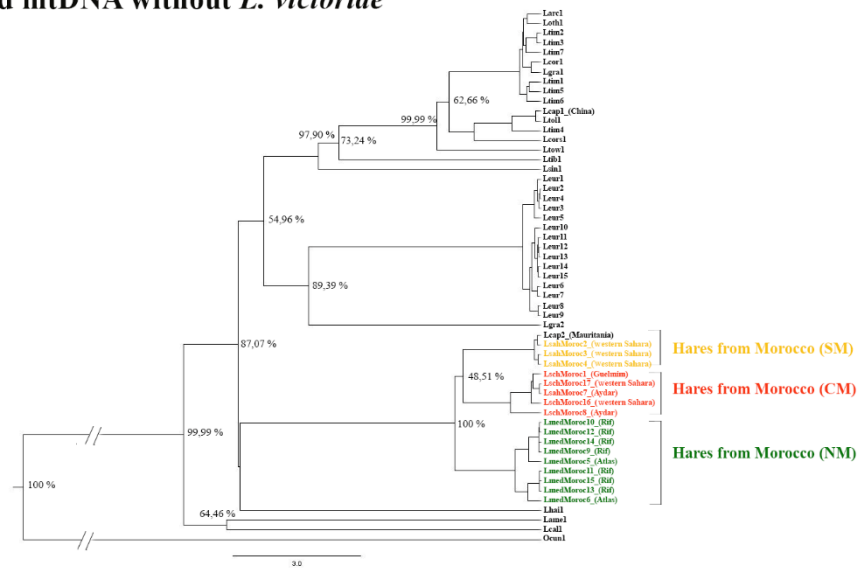
		Time of divergence in years
Cytochrome b	Isolation between SM and NM/CM clades	2,578,900
	Isolation between NM y CM clade	1,797,800
Control region	Isolation between SM and NM/CM clades	1,454,000
	Isolation between NM y CM clade	1,136,500
Combined mtDNA without <i>L. victoriae</i>	Isolation between NM and CM/SM	980,900
	Isolation between CM and SM	888,800
Combined mtDNA with <i>L. victoriae</i>	Isolation between CM and NM/SM/ <i>L. victoriae</i>	1,930,800
	Isolation between NM and SM/ <i>L. victoriae</i>	958,600
	Isolation between NM and <i>L. victoriae</i>	813,000

NM clade: Clade with hares belonging to northern Morocco

CM clade: Clade with hares belonging to the center of Morocco

SM clade: Clade with hares belonging to southern Morocco

A) Combined mtDNA without *L. victoriae*



B) Combined mtDNA with *L. victoriae*

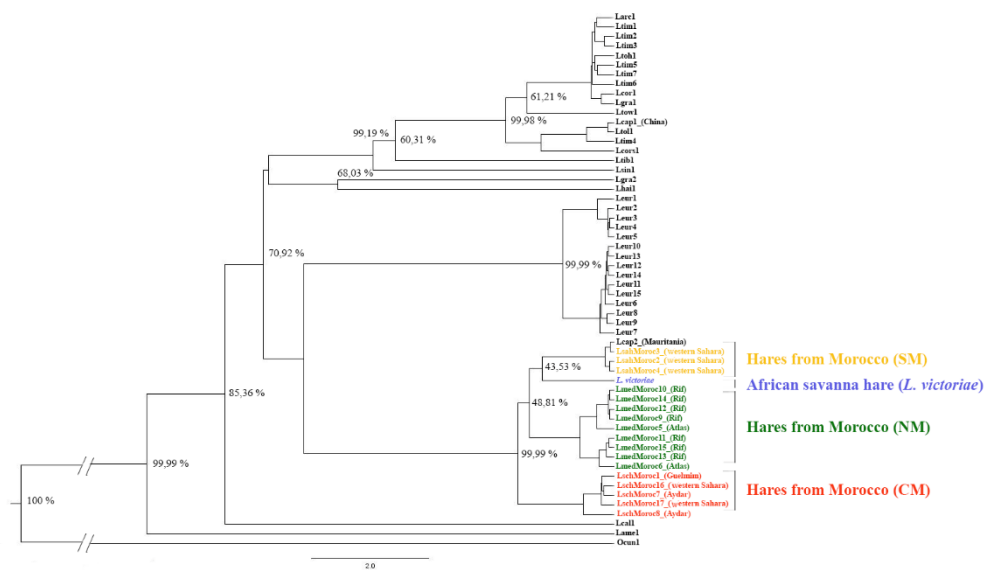
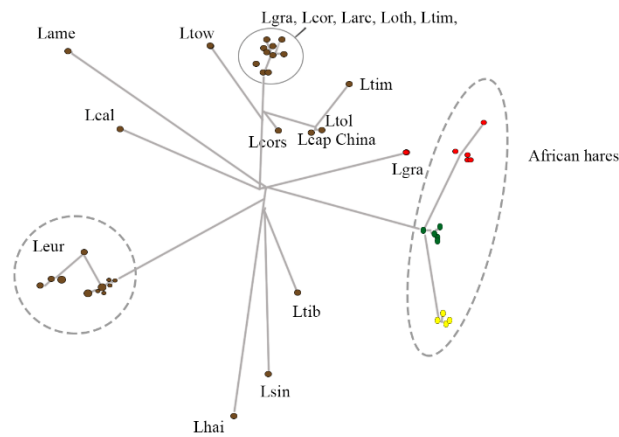


Fig. S1. Bayesian phylogenetic trees based on combined mtDNA. (A) The phylogenetic tree was constructed with 55 sequences (2,890 bp), including the outgroup. (B) The phylogenetic tree was constructed with 56 sequences (1,807 bp), including both *L. victoriana* and the outgroup. Numbers in nodes indicate posterior values as a percentage (%).

A) Combined mtDNA without *L. victoriae*



B) Combined mtDNA with *L. victoriae*

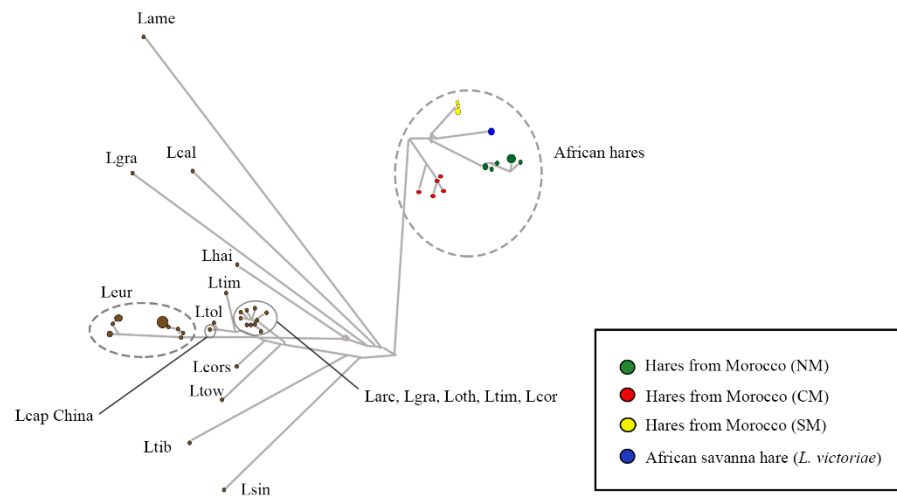


Fig. S2. Median-joining networks based on combined mtDNA. (A) Network constructed with combined mtDNA (12s and 16s rDNA, COI, CR, CYTB) with 50 haplotypes (2,899 bp) representing 54 sequences. (B) Network constructed with combined mtDNA (12s and 16s rDNA, COI, CYTB) with 43 haplotypes (1,810 bp) representing 55 sequences, including one *Lepus victoriae*. In both cases, the outgroup was excluded.

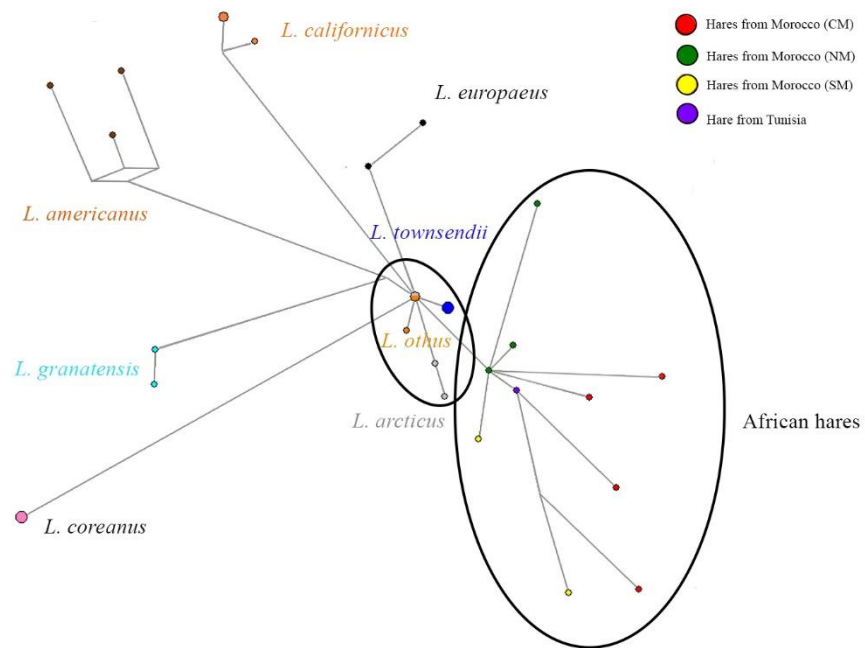


Fig.S3. Median-joining networks based on nuclear DNA. Network constructed with 25 haplotypes (3,019 base pairs) representing 31 hare sequences. The large circle includes the African hares. The small circle includes 3 species (*L. townsendii*, *L. othus* and *L. arcticus*) with small distances between them. Two hares from two different species (*L. othus* and *L. arcticus*) shared the same haplotype.