

Table S1. Sample identification, sample localities, haplotypes and GenBank accession numbers (GB acc. no.); NMP= National Museum in Prague, IZEA= Institut de Zoologie et d'Écologie Animale, Lausanne.

genus	species	haplotype	country, island	locality	GB acc. no.	comment
<i>Hypsugo</i>	<i>savii</i> s. str.	Hsav-I-1	Italy, Sardinia	Gadoni	HQ848774	
<i>Hypsugo</i>	<i>savii</i> s. str.	Hsav-I-2	Spain	Zaragoza	AJ426641	
<i>Hypsugo</i>	<i>savii</i> s. str.	Hsav-I-3	Switzerland	Valais region	AY495475	IZEA3586
<i>Hypsugo</i>	cf <i>darwinii</i>	Hsav-II-1	Italy, Sardinia	Urzulei	HQ848775	
<i>Hypsugo</i>	cf <i>darwinii</i>	Hsav-II-2	Turkey	Göreme	HQ848776	faeces
<i>Hypsugo</i>	cf <i>darwinii</i>	Hsav-II-3	Spain, Can. Islands	Gran Canaria	AJ426642	
<i>Hypsugo</i>	cf <i>darwinii</i>	Hsav-II-4	Spain, Can. Islands	La Gomera	AJ426644	
<i>Hypsugo</i>	cf <i>darwinii</i>	Hsav-II-5	Spain, Can. Islands	El Hierro	AJ426643	
<i>Hypsugo</i>	cf <i>darwinii</i>	Hsav-II-6	Morocco	Georges du Dades	HQ848777	
<i>Hypsugo</i>	cf <i>darwinii</i>	Hsav-II-7	Italy, Sicily	Cefalù	HQ848778	
<i>Hypsugo</i>	cf <i>darwinii</i>	Malta3.3	Malta	Mosta	MN685106	this paper
<i>Hypsugo</i>	spec.	Hsav-III-1	Israel	Mt. Hermon	HQ848779	
<i>Hypsugo</i>	<i>ariel</i>	Hari-1	Egypt	Sinai	HQ848781	
<i>Hypsugo</i>	<i>ariel</i>	Hari-2	Israel	not available	HQ848780	
<i>Hysugo</i>	<i>eisentrautii</i>	Heis-1	Ivory Coast		AY495473	
<i>Hypsugo</i>	<i>nanus</i>	Hnan-1	Kenya		AY495474	
<i>Pipistrellus</i>	<i>kuhlii</i>	Pkuh-1	Spain	Valladolid	AJ426640	
<i>Pipistrellus</i>	cf <i>deserti</i>	P cf.des-1	Morocco	Oujda	HQ848768	NMP90082
<i>Pipistrellus</i>	cf <i>deserti</i>	P cf.des-2	Morocco	Anagam	HQ848769	NMP90059
<i>Pipistrellus</i>	cf <i>deserti</i>	P cf.des-3	Spain, Can. Islands	Tenerife	AJ426639	
<i>Pipistrellus</i>	cf <i>deserti</i>	Malta8.1	Malta	Mellieħa	MN685103	this paper
<i>Pipistrellus</i>	<i>hanaki</i>	Phan-1	Libya	Wadi al Kuf	HQ848761	NMP49897
<i>Pipistrellus</i>	<i>lepidus</i>	Plep-1	Turkey	Manavgat	HQ857598	
<i>Pipistrellus</i>	<i>lepidus</i>	Plep-2	Syria	Tell Sheikh Hamad	HQ857597	
<i>Pipistrellus</i>	<i>maderensis</i>	Pmad-1	Spain, Can. Islands	La Palma	AJ426635	
<i>Pipistrellus</i>	<i>maderensis</i>	Pmad-2	Spain, Can. Islands	La Palma	AJ426636	
<i>Pipistrellus</i>	<i>maderensis</i>	Pmad-3	Spain, Can. Islands	La Gomera	AJ426634	
<i>Pipistrellus</i>	<i>maderensis</i>	Pmad-4	Spain, Can. Islands	Tenerife	AJ426633	
<i>Pipistrellus</i>	<i>maderensis</i>	Pmad-5	Spain, Can. Islands	Tenerife	AJ426627	
<i>Pipistrellus</i>	<i>maderensis</i>	Pmad-6	Spain, Can. Islands	Tenerife	AJ426628	
<i>Pipistrellus</i>	<i>nathusii</i>	Pnat-1	Switzerland	Vaud	AF326104	IZEA2830

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<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-1	Germany	Mayen	HQ848741	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-2	Turkey	Cappadocia	HQ848742	faeces
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-3	Israel	not available	HQ848743	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-4	Turkey	Van	HQ848744	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-5	Turkey	Milet	HQ848745	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-6	Turkey	Milet	HQ848746	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-7	Turkey	Dadia	HQ848747	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-8	Turkey	Dadia	HQ848748	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-10	Austria	Salzburg	HQ848749	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-11	France	Theillay	HQ848750	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-12	Italy	Pesina	HQ848751	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-13	Turkey	Titryengöl	HQ848752	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-I-14	Germany	Mayen	HQ848753	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-II-1	Italy, Sardinia	Monti	HQ848754	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-II-2	Italy, Sardinia	Anela	HQ848755	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-II-3	Italy, Sardinia	Domusnovas	HQ848756	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-II-4	Italy, Sardinia	Santadi	HQ848757	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-II-5	Italy, Sardinia	Santadi	HQ848758	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-II-6	Morocco	Bekrite	HQ848759	NMP90033
<i>Pipistrellus</i>	<i>pipistrellus</i>	Ppip-II-7	Italy, Sicily	Cefalù	HQ848760	
<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta6.2	Malta	Kerċem	MN685105	this paper
<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta3.1	Malta	Mosta	MN685107	this paper
<i>Pipistrellus</i>	<i>pygmaeus</i>	Ppyg-1	Spain	Barcelona region	AF326105	IZEA3403
<i>Pipistrellus</i>	<i>pygmaeus</i>	Ppyg-2	Germany	Hessen district	HQ848763	
<i>Pipistrellus</i>	<i>pygmaeus</i>	Ppyg-4	France	Plobsheim	HQ848764	
<i>Pipistrellus</i>	<i>pygmaeus</i>	Ppyg-5	Greece	Pardali, Pelepones	HQ848765	
<i>Pipistrellus</i>	<i>pygmaeus</i>	Ppyg-6	France, Corsica	Col de Saltu	HQ848766	
<i>Pipistrellus</i>	<i>pygmaeus</i>	Ppyg-7	Switzerland	Preverenges	DQ630371	
<i>Pipistrellus</i>	<i>ruePELLII</i>	Prue-1	Morocco	Anagam	HQ848771	NMP900057
<i>Pipistrellus</i>	<i>ruePELLII</i>	Prue-2	Morocco	Taurirt	HQ848772	NMP900081
<i>Plecotus</i>	<i>austriacus</i>	Paus-1	Germany	Bavaria	AY134022	
<i>Plecotus</i>	<i>austriacus</i>	Paus-2	Spain	Villavelayo	AY134023	PAT98082501
<i>Plecotus</i>	<i>austriacus</i>	Paus-9	Italy	Sardinia	AY175823	
<i>Plecotus</i>	<i>kolombatovici</i>	Pkol-1	Croatia	Orebic	AY134025	

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<i>Plecotus</i>	<i>kolombatovici</i>	Pkol-3	Turkey	Letoon	AY531617	
<i>Plecotus</i>	<i>kolombatovici</i>	Pkol-4	Turkey	Letoon	AY531616	
<i>Plecotus</i>	<i>kolombatovici</i>	Pkol-5	Turkey	Narlikuyu (Icel)	AY531618	CUP T64/93
<i>Plecotus</i>	<i>kolombatovici</i>	Pkol-6	Greece	Kombatades (Lamia)	AY531619	NMP 48726
<i>Plecotus</i>	<i>kolombatovici</i>	Pkol-7	Italy	Tuscany	LS999890	
<i>Plecotus</i>	<i>sardus</i>	Psar-3	Sardinia	Oliena,	AY175822	DZAB 0023
<i>Plecotus</i>	<i>macrobullaris</i>	Palp-1	France	Ristolas,	AY134017	ZFMK 2001.325
<i>Plecotus</i>	<i>macrobullaris</i>	Pmac-1	Syria	Yabroud, (Dimashq)	AY531625	NMP 48052
<i>Plecotus</i>	<i>gaisleri</i>	Pgai-1	Libya	Wadi al Minshiyah,	AY531621	NMP 49883
<i>Plecotus</i>	<i>gaisleri</i>	Pgai-2	Libya	Ain as-Zarqa	AY531624	NMP 49857
<i>Plecotus</i>	<i>gaisleri</i>	Malta7.3	Malta	Mellieħa	MN685104	this paper
<i>Plecotus</i>	<i>gaisleri</i>	Pgai-3	Morocco	Agadir	AY531623	Pat 1
<i>Plecotus</i>	<i>gaisleri</i>	Pgai-4	Morocco	Tetouan	AY531620	Pat 2
<i>Plecotus</i>	<i>gaisleri</i>	Pgai-5	Morocco	Errachidia	AY531622	Pat 51
<i>Plecotus</i>	<i>auritus</i>	Paur-1	Switzerland	Curaglia	AF529229	Univ. Zürich 2513
<i>Plecotus</i>	<i>auritus</i>	PleKB271	Spain	Linares de Riofrio	DQ294113	
<i>Plecotus</i>	<i>auritus</i>	Paur-6	Austria	Hall, Admont	AY134015	
<i>Plecotus</i>	<i>auritus</i>	Paur-7	Spain	Villoslada	AY134016	PAR9808071
<i>Plecotus</i>	<i>auritus</i>	Paur-9	Italy	Sardinia, Supramonte	AY175821	
<i>Plecotus</i>	<i>auritus</i>	Pleaur9	Austria	Hohenems	DQ294112	NMW29457
<i>Plecotus</i>	<i>teneriffae</i>	Pten-1	Spain, Canary Islands	El Hierro	AJ431657	
<i>Plecotus</i>	<i>teneriffae</i>	Pten-2	Spain, Canary Islands	Tenerife	AJ431656	
<i>Plecotus</i>	<i>teneriffae</i>	Pten-3	Spain, Canary Islands	La Palma	AJ431654	
<i>Myotis</i>	<i>bechsteinii</i>	Mbec-1	Germany	Boos	HQ848782	
<i>Miniopterus</i>	<i>schreibersii</i>	Msch-1	Tunisia		AY395865	TK20337

S2. Analysed samples from Malta with details of the individuals and localities and their assignment to the haplotypes. For every individual sex, age (adult or young of the year; YOY) right forearm length (FA) and body mass are given.

Sample number	Genus	Species	Island	Locality	Habitat	Coordinates	Sample type	Haplotype	♀ - ♂	Adult - YoY	FA (mm)	mass (g)
1.1	<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta	Msida	Shrubland	35.9046, 14.4835	faecal	Malta6.2	♀	Adult	31.1	3.85
2.2	<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta	Rabat	Agricultural	35.8758, 14.3805	faecal	Malta3.1	♀	Adult	31.3	4.22
3.1	<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta	Mosta	Urban (rehab)	35.9140, 14.4228	faecal	Malta3.1	♀	YoY	28.4	4.4
3.2	<i>Hypsugo</i>	<i>cf darwinii</i>	Malta	Mosta	Urban (rehab)	35.9140, 14.4228	faecal	Malta3.3	♀	YoY	32.9	6.73
3.3	<i>Hypsugo</i>	<i>cf darwinii</i>	Malta	Mosta	Urban (rehab)	35.9140, 14.4228	tissue	Malta3.3	♀	-	-	-
3.4	<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta	Mosta	Urban (rehab)	35.9140, 14.4228	faecal	Malta3.1	♂	YoY	27.4	3.45
4.1	<i>Hypsugo</i>	<i>cf darwinii</i>	Malta	Mtarfa	Agricult./urban	35.8880, 14.3448	faecal	Malta3.3	♂	Adult	31.1	5.75
6.1	<i>Pipistrellus</i>	<i>pipistrellus</i>	Gozo	Kercem	Agricult./urban	36.0400, 14.2331	faecal	Malta6.2	♂	Adult	31.3	4.44
6.2	<i>Pipistrellus</i>	<i>pipistrellus</i>	Gozo	Kercem	Agricult./urban	36.0400, 14.2331	faecal	Malta6.2	♂	Adult	31.0	4.49
7.1	<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta	Mellieħa	Pine forest	35.9462, 14.3697	faecal	Malta6.2	♀	Adult	31.2	3.95
7.3	<i>Plecotus</i>	<i>gaisleri</i>	Malta	Mellieħa	Pine forest	35.9462, 14.3697	faecal	Pgai-2	♀	Adult	40.1	8.13
7.5	<i>Plecotus</i>	<i>gaisleri</i>	Malta	Mellieħa	Pine forest	35.9462, 14.3697	faecal	Pgai-2	♀	Adult	39.9	8.61
7.8	<i>Pipistrellus</i>	<i>pipistrellus</i>	Malta	Mellieħa	Pine forest	35.9462, 14.3697	faecal	Malta6.2	♀	Adult	30.15	4.32
7.9	<i>Plecotus</i>	<i>gaisleri</i>	Malta	Mellieħa	Pine forest	35.9462, 14.3697	faecal	Pgai-2	♀	Adult	39.8	8.11
7.11	<i>Plecotus</i>	<i>gaisleri</i>	Malta	Mellieħa	Pine forest	35.9462, 14.3697	faecal	Pgai-2	♀	Adult	40.4	8.50
7.12	<i>Plecotus</i>	<i>gaisleri</i>	Malta	Mellieħa	Pine forest	35.9462, 14.3697	faecal	Pgai-2	♀	Adult	40.5	8.01
8.1	<i>Pipistrellus</i>	<i>kuhlii (cf deserti)</i>	Malta	Mellieħa	Urban (rehab)	35.9593, 14.3638	tissue	P cfdes-1	♂	Adult	33.28	4.65