

Table S1. Information on studied specimens with NCBI accession numbers (n/a: not available).

Code ID	Species	Sex	Study area	COI	CytB	EF1-A	TPI	28S	ITS2
C179B	<i>Phlebotomus alexandri</i>	Female	Crete	OL352148	OL376888	OL376829	OL376778	OL347603	OL411989
C146B	<i>Phlebotomus alexandri</i>	Male	Milos	OL352131	OL376889				
C161B	<i>Phlebotomus alexandri</i>	Male	Turkey (Antalya)	OL352138	OL376886	OL376823			
C162B	<i>Phlebotomus alexandri</i>	Female	Turkey (Antalya)	OL352139	OL376887	OL376824	OL376775	OL347597	OL411986
C147B	<i>Phlebotomus creticus</i>	Male	Andros	OL352132				OL347595	
M178	<i>Phlebotomus creticus</i>	Female	Crete		OL376890	OL376870			
M179	<i>Phlebotomus creticus</i>	Female	Crete	OL352150	OL376963	OL376871		OL347607	OL351588
M237	<i>Phlebotomus creticus</i>	Male	Crete	OL352151		OL376875			OL351591
M242	<i>Phlebotomus creticus</i>	Male	Crete		OL376891			OL347610	OL351592
C165B	<i>Phlebotomus halepensis</i>	Male	Turkey (Kayseri)	OL352142	OL376892	OL376827		OL347599	OL351583
C166B	<i>Phlebotomus halepensis</i>	Male	Turkey (Kayseri)	OL352143	OL376893	OL376857			OL351584
C177B	<i>Phlebotomus killicki</i>	Female	Crete	OL352147	OL376894			OL347602	OL351586
M292	<i>Phlebotomus cf. major</i>	Male	Nisyros	OL352164	OL376895	OL376860	OL376798	OL347617	
M293	<i>Phlebotomus cf. major</i>	Male	Nisyros	OL352165	OL376896	OL376861	OL376785	OL347618	
C81B	<i>Phlebotomus neglectus</i>	Female	Anafi	OL352102				OL347580	
C90B	<i>Phlebotomus neglectus</i>	Female	Andros	OL352108	OL376948	OL376807	OL376763	OL347583	OL351570
C91B	<i>Phlebotomus neglectus</i>	Female	Andros	OL352109	OL376949	OL376808			
M300	<i>Phlebotomus neglectus</i>	Male	Andros	OL352168	OL376954	OL376878			OL351599
M301	<i>Phlebotomus neglectus</i>	Male	Andros	OL352169	OL376955	OL376840	OL376799		OL351600
M227	<i>Phlebotomus neglectus</i>	Female	Crete	KX826046*		OL376884		OL347609	OL351590
M235	<i>Phlebotomus neglectus</i>	Male	Crete	KX826030*	OL376959	OL376832			
C92B	<i>Phlebotomus neglectus</i>	Female	Ikaria	OL352110	OL376969	OL376879			OL411981
C94B	<i>Phlebotomus neglectus</i>	Female	Ikaria	OL352111					OL411982
M296	<i>Phlebotomus neglectus</i>	Male	Ikaria	OL352166	OL376952	OL376839			OL351598
M299	<i>Phlebotomus neglectus</i>	Male	Ikaria	OL352167	OL376953	OL376862	OL376786	OL347619	
C83B	<i>Phlebotomus neglectus</i>	Female	Karpathos	OL352103	OL376946	OL376805	OL376761	OL347581	OL411979
C85B	<i>Phlebotomus neglectus</i>	Male	Karpathos	OL352104	OL376945				
C125B	<i>Phlebotomus neglectus</i>	Female	Leros	OL352119					OL351575
C170B	<i>Phlebotomus neglectus</i>	Female	Leros	OL352146	OL376941	OL376828		OL347601	OL351585
M279	<i>Phlebotomus neglectus</i>	Male	Leros	OL352154	OL376942	OL376833			
M280	<i>Phlebotomus neglectus</i>	Male	Leros	OL352155	OL376943	OL376834	OL376781	OL347611	OL351595

M283	<i>Phlebotomus neglectus</i>	Female	Milos	OL352157	OL376970	OL376837		OL347613	OL351596
M284	<i>Phlebotomus neglectus</i>	Female	Milos	OL352158	OL376951	OL376838			
C22B	<i>Phlebotomus neglectus</i>	Female	Nisyros	OL352100	OL376944				
C87B	<i>Phlebotomus neglectus</i>	Female	Nisyros	OL352105	OL376947				
M288	<i>Phlebotomus neglectus</i>	Female	Nisyros	OL352161	OL376962	OL376858			OL351597
M290	<i>Phlebotomus neglectus</i>	Female	Nisyros	OL352163	OL376971	OL376859		OL347616	OL411993
C155B	<i>Phlebotomus neglectus</i>	Female	Patmos	OL352135	OL376950	OL376868			
M285	<i>Phlebotomus neglectus</i>	Male	Patmos	OL352159	OL376960	OL376876	OL376783	OL347614	OL411991
M286	<i>Phlebotomus neglectus</i>	Male	Patmos	OL352160	OL376961	OL376877			
C70B	<i>Phlebotomus neglectus</i>	Female	Santorini	OL352101		OL376804			
M302	<i>Phlebotomus neglectus</i>	Female	Sifnos	OL352170	OL376956	OL376841			OL411994
M303	<i>Phlebotomus neglectus</i>	Female	Sifnos	OL352171	OL376972	OL376842			OL351601
M304	<i>Phlebotomus neglectus</i>	Female	Sifnos	OL352172	OL376973	OL376843	OL376787	OL347620	OL411995
C159B	<i>Phlebotomus neglectus</i>	Female	Turkey (Antalya)	OL352136	OL376957	OL376821	OL376773	OL347596	OL411984
C160B	<i>Phlebotomus neglectus</i>	Male	Turkey (Antalya)	OL352137	OL376958	OL376822	OL376774		OL411985
C100B	<i>Phlebotomus papatasi</i>	Male	Anafi	OL352112			OL376764		OL351571
C101B	<i>Phlebotomus papatasi</i>	Male	Anafi	OL352113	OL376898		OL376765	OL347584	OL351572
M191	<i>Phlebotomus papatasi</i>	Female	Crete	MF968989*	OL376964	OL376874		OL347608	OL351589
C132B	<i>Phlebotomus papatasi</i>	Male	Cyprus	OL352121	OL376899	OL376811			OL351576
C133B	<i>Phlebotomus papatasi</i>	Male	Cyprus	OL352122	OL376900	OL376812	OL376767	OL347591	OL351577
C136B	<i>Phlebotomus papatasi</i>	Female	Cyprus	OL352125	OL376901	OL376815	OL376769		OL351580
C144B	<i>Phlebotomus perfiliewi</i>	Female	Cyprus	OL352129	OL3769605	OL376819			
M163	<i>Phlebotomus perfiliewi</i>	Female	Cyprus	KX826024*	OL376904		OL376797	OL347606	OL411990
C154B	<i>Phlebotomus perfiliewi</i>	Male	Milos	OL352134	OL376966	OL376867			OL351582
M281	<i>Phlebotomus perfiliewi</i>	Female	Milos	OL352156	OL376902	OL376835	OL376782	OL347612	
M282	<i>Phlebotomus perfiliewi</i>	Female	Milos		OL376967	OL376836			
C145B	<i>Phlebotomus perfiliewi</i>	Male	Patmos	OL352130	OL376903	OL376881		OL347594	
C150B	<i>Phlebotomus sergenti</i>	Female	Anafi		OL376928	OL376820	OL376772		
M311	<i>Phlebotomus sergenti</i>	Female	Andros	OL352174	OL376931	OL376846			
M312	<i>Phlebotomus sergenti</i>	Male	Andros	OL352175	OL376932	OL376847	OL376790	OL347622	OL351602
C135B	<i>Phlebotomus sergenti</i>	Female	Cyprus	OL352124	OL376927	OL376814	OL376768	OL347592	OL351579
C137B	<i>Phlebotomus sergenti</i>	Male	Cyprus	OL352126	OL376968	OL376816	OL376770		
M306	<i>Phlebotomus sergenti</i>	Female	Ikaria		OL376929	OL376844	OL376788		
M309	<i>Phlebotomus sergenti</i>	Male	Ikaria	OL352173	OL376930	OL376845	OL376789	OL347621	OL411996

M324	<i>Phlebotomus sergenti</i>	Female	Leros	OL352179	OL376935	OL376851	OL376794		OL411999
M325	<i>Phlebotomus sergenti</i>	Male	Leros	OL352180	OL376936	OL376852		OL347625	OL412000
M316	<i>Phlebotomus sergenti</i>	Female	Nisyros		OL376933	OL376848			OL411997
M317	<i>Phlebotomus sergenti</i>	Male	Nisyros	OL352176	OL376934	OL376849	OL376791	OL347623	OL411998
M326	<i>Phlebotomus sergenti</i>	Female	Patmos	OL352181	OL376937	OL376853			
M327	<i>Phlebotomus sergenti</i>	Male	Patmos	OL352182	OL376938	OL376854	OL376795	OL347626	OL412001
M330	<i>Phlebotomus sergenti</i>	Female	Sifnos	OL352183	OL376939	OL376855	OL376796		OL351603
M331	<i>Phlebotomus sergenti</i>	Male	Sifnos	OL352184	OL376940	OL376856			OL351604
C116B	<i>Phlebotomus simici</i>	Male	Andros	OL352115	OL376922			OL347587	
C182B	<i>Phlebotomus simici</i>	Female	Crete	OL352149	OL376924	OL376830		OL347604	OL351587
C113B	<i>Phlebotomus simici</i>	Female	Karpathos	OL352114	OL376921	OL376863		OL347586	
C111B	<i>Phlebotomus simici</i>	Female	Leros			OL376809		OL347585	
C148B	<i>Phlebotomus simici</i>	Female	Milos	OL352133	OL376923	OL376866			
C167B	<i>Phlebotomus simici</i>	Female	Turkey (Kayseri)	OL352144	OL376925	OL376882			OL411987
C168B	<i>Phlebotomus simici</i>	Male	Turkey (Kayseri)	OL352145	OL376926	OL376883		OL347600	OL411988
C141B	<i>Phlebotomus similis</i>	Male	Crete	OL352127	OL376910	OL376817		OL347593	OL351581
M260	<i>Phlebotomus similis</i>	Female	Crete	OL352152	OL376907	OL376872			OL351593
M264	<i>Phlebotomus similis</i>	Female	Crete	OL352153	OL376908	OL376873	OL376780		OL351594
C117B	<i>Phlebotomus similis</i>	Female	Karpathos	OL352116	OL376909	OL376880	OL376766	OL347588	OL351573
M320	<i>Phlebotomus similis</i>	Female	Milos	OL352177	OL376905	OL376850	OL376792	OL347624	OL351620
M323	<i>Phlebotomus similis</i>	Male	Milos	OL352178	OL376906	OL376869	OL376793		
C88B	<i>Phlebotomus tobbi</i>	Female	Andros	OL352106	OL376913				OL411980
C89B	<i>Phlebotomus tobbi</i>	Female	Andros	OL352107	OL376914	OL376806	OL376762	OL347582	
C143B	<i>Phlebotomus tobbi</i>	Male	Cyprus	OL352128	OL376918	OL376818	OL376771		
M160	<i>Phlebotomus tobbi</i>	Female	Cyprus	KX826021*	OL376911	OL376831	OL376779	OL347605	
C122B	<i>Phlebotomus tobbi</i>	Male	Ikaria	OL352117	OL376915	OL376864		OL347589	OL411983
C123B	<i>Phlebotomus tobbi</i>	Female	Ikaria	OL352118	OL376916	OL376865			OL351574
C134B	<i>Phlebotomus tobbi</i>	Female	Nisyros	OL352123	OL376917	OL376813			OL351578
M289	<i>Phlebotomus tobbi</i>	Female	Nisyros	OL352162	OL376912	OL376885	OL376784	OL347615	OL411992
C163B	<i>Phlebotomus tobbi</i>	Female	Turkey (Antalya)	OL352140	OL376919	OL376825	OL376776	OL347598	
C164B	<i>Phlebotomus tobbi</i>	Male	Turkey (Antalya)	OL352141	OL376920	OL376826	OL376777		
C127B	<i>Sergentomyia minuta</i>	Female	Nisyros	OL352120	OL376897	OL376810		OL347590	
NCBI	<i>P. balcanicus</i>	n/a	Turkey	MN086654*					
NCBI	<i>P. balcanicus</i>	n/a	Iran		MT501640*				

NCBI	<i>P. perniciosus</i>	n/a	Portugal	JN036765*	JN036729*	
NCBI	<i>P. perniciosus</i>	n/a	Spain/Tunisia			AF160807*
NCBI	<i>P. perniciosus</i>	n/a	Italy			JF729345*
NCBI	<i>P. syriacus</i>	n/a	Israel	KF483674*		
NCBI	<i>P. syriacus</i>	n/a	Israel		KC329644*	
NCBI	<i>P. syriacus</i>	n/a	Israel			KC412900*
NCBI	<i>P. major</i>	n/a	Iran		HM439245*	
NCBI	<i>P. major</i>	n/a	Iran			GQ169351*
NCBI	<i>P. major</i>	n/a	Iran			EF416834*

*Sequences retrieved from GenBank database