

**Additional file 3: *cox1* mtDNA sequences retrieved from the GenBank database for sequence and phylogenetic analysis**

Sequence Code	Accession Number	Fragment size (bp)	Species	Country
KJ012109.1  <i>Cx. perexiguus</i>	KJ012109.1	658	<i>Cx. perexiguus</i>	Turkey
KJ012107.1  <i>Cx. perexiguus</i>	KJ012107.1	658	<i>Cx. perexiguus</i>	Turkey
KJ012106.1  <i>Cx. perexiguus</i>	KJ012106.1	658	<i>Cx. perexiguus</i>	Turkey
KJ012103.1  <i>Cx. perexiguus</i>	KJ012103.1	658	<i>Cx. perexiguus</i>	Turkey
KJ012108.1  <i>Cx. perexiguus</i>	KJ012108.1	658	<i>Cx. perexiguus</i>	Turkey
KF406802.1  <i>Cx. perexiguus</i>	KF406802.1	658	<i>Cx. perexiguus</i>	Turkey
KJ012104.1  <i>Cx. perexiguus</i>	KJ012104.1	658	<i>Cx. perexiguus</i>	Turkey
KJ012105.1  <i>Cx. perexiguus</i>	KJ012105.1	658	<i>Cx. perexiguus</i>	Turkey
HQ398886  <i>Cx. fuscocephala</i>	HQ398886	658	<i>Cx. fuscocephala</i>	Vietnam
KF406799  <i>Cx. fuscocephala</i>	KF406799	658	<i>Cx. fuscocephala</i>	Pakistan
KF406798  <i>Cx. fuscocephala</i>	KF406798	658	<i>Cx. fuscocephala</i>	Pakistan
KF406797  <i>Cx. fuscocephala</i>	KF406797	658	<i>Cx. fuscocephala</i>	Pakistan
KJ012148.1  <i>Cx. pipiens</i>	KJ012148.1	658	<i>Cx. pipiens</i>	Turkey
KJ012143.1  <i>Cx. pipiens</i>	KJ012143.1	658	<i>Cx. pipiens</i>	Turkey
HG793546.1  <i>Cx. pipiens</i>	HG793546.1	658	<i>Cx. pipiens</i>	Germany
HF562800.1  <i>Cx. pipiens</i>	HF562800.1	658	<i>Cx. pipiens</i>	Germany
HF562725.1  <i>Cx. pipiens</i>	HF562725.1	658	<i>Cx. pipiens</i>	Germany
KM258199.1  <i>Cx. pipiens</i>	KM258199.1	658	<i>Cx. pipiens</i>	Belgium
KJ012161.1  <i>Cx. pipiens mol</i>	KJ012161.1	658	<i>Cx. pipiens</i>	Turkey
JQ958372.1  <i>Cx. pipiens</i>	JQ958372.1	709	<i>Cx. pipiens</i>	Tehran
HE997153.1  <i>Cx. pipiens</i>	HE997153.1	673	<i>Cx. pipiens</i>	Germany
FN395179.1  <i>Cx. pipiens mol</i>	FN395179.1	1542	<i>Cx. pipiens</i>	Europe
FN395204.1  <i>Cx. quinquefasciatus</i>	FN395204.1	1542	<i>Cx. quinquefasciatus</i>	Pakistan
KJ012173.1  <i>Cx. quinquefasciatus</i>	KJ012173.1	658	<i>Cx. quinquefasciatus</i>	Turkey
KC970297.1  <i>Cx. quinquefasciatus</i>	KC970297.1	658	<i>Cx. quinquefasciatus</i>	India
KF407827.1  <i>Cx. quinquefasciatus</i>	KF407827.1	658	<i>Cx. quinquefasciatus</i>	Pakistan
KF407713.1  <i>Cx. quinquefasciatus</i>	KF407713.1	658	<i>Cx. quinquefasciatus</i>	Pakistan
KF407091.1  <i>Cx. quinquefasciatus</i>	KF407091.1	658	<i>Cx. quinquefasciatus</i>	Pakistan
HE997083  <i>Cx. torrentium</i>	HE997083	658	<i>Cx. torrentium</i>	Germany
HE997096  <i>Cx. torrentium</i>	HE997096	658	<i>Cx. torrentium</i>	Germany
HE997101  <i>Cx. torrentium</i>	HE997101	658	<i>Cx. torrentium</i>	Germany
HE997142  <i>Cx. torrentium</i>	HE997142	658	<i>Cx. torrentium</i>	Germany
HG793632  <i>Cx. torrentium</i>	HG793632	658	<i>Cx. torrentium</i>	Germany
KJ012204.1  <i>Cx. theileri</i>	KJ012204.1	658	<i>Cx. theileri</i>	Turkey
FJ210899.1  <i>Cx. theileri</i>	FJ210899.1	658	<i>Cx. theileri</i>	Iran
HE610460  <i>Cx. theileri</i>	HE610460	688	<i>Cx. theileri</i>	Portugal
HE610457  <i>Cx. theileri</i>	HE610457	650	<i>Cx. theileri</i>	Portugal
Port-3427 <i>Cx. theileri</i>	LC102116	756	<i>Cx. theileri</i>	Portugal
Port-3430 <i>Cx. theileri</i>	LC102115	740	<i>Cx. theileri</i>	Portugal
Spai-E_ <i>Ae. caspius</i>	LC090050*	648	<i>Ae. caspius</i>	Spain

\* This sequence was used as outgroup.