

## Supplementary Table 2 GenBank

(<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=Nucleotide>) cytochrome oxidase I (COI) sequences used in our analyses. The number of bases included in this study is given in parentheses.

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<u>Species</u>	<u>Accession Number</u>	<u>Reference</u>
<i>Phormia regina</i>	AF295550 (1545)*	[35]
<i>Chrysomya rufifacies</i>	AF083658 (1545)*	[34]
<i>Eucalliphora latifrons</i>	AF295557 (1545)*	[35]
<i>Cynomya cadaverina</i>	AF259505 (1545)*	[37]
<i>Dyscritomyia fasciata</i>	AY074902 (1545)*	[38]
<i>D. lucilioides</i>	AY074903 (1545)*	[38]
<i>Hemipyrellia ligurriens</i>	AY097334 (1536)*	[6]
<i>Lucilia adisoemartoi</i>	AY074901 (1545)*	[38]
<i>L. papuensis</i>	AY842609 (818)	[31]
<i>L. ampullacea</i>	AY092786 (522)	None
<i>L. bazini</i>	AY346450 (1545)*	[6]
<i>L. hainanensis</i>	AY346451 (1545)*	[6]
<i>L. porphyrina</i>	AY074900 (1545)*	[38]
"	AY097336 (1545)*	[6]
<i>L. caesar</i>	AJ417703 (1545)*	[26]
"	AF017424 (199)	[29]
"	AY092781 (522)	None

"	AY092782 (522)	None
"	AY092783 (522)	None
L. illustris	L14945 (1545)*	[21]
"	AJ551445 (1545)*	[22]
"	AF022369 (201)	[29]
"	AY092791 (522)	None
"	AY092792 (522)	None
"	AY092797 (522)	None
"	AY092799 (522)	None
L. cuprina	AJ417704 (1545)*	[27]
"	AJ417705 (1545)*	[27]
"	AJ417706 (1545)*	[27]
"	AJ417707 (1545)*	[27]
"	AJ417708 (1545)*	[27]
"	AJ417710 (1545)*	[27]
"	AJ417711 (1545)*	[27]
"	AB112852 (1167)	[10]
"	AY097335 (1545)*	[6]
"	U60003 (472)	None
"	U60004 (472)	None
"	U60005 (472)	None
"	U60006 (472)	None
"	U60007 (472)	None
"	U60008 (472)	None

"	U60009 (472)	None
<i>L. sericata</i>	L14947 (1545)*	[21]
"	AJ417712 (1545)*	[27]
"	AJ417713 (1545)*	[27]
"	AJ417714 (1545)*	[27]
"	AJ417715 (1545)*	[27]
"	AJ417716 (1545)*	[27]
"	AJ417717 (1545)*	[27]
"	AB112833 (1167)	[10]
"	AB112850 (1167)	[9]
"	AB112864 (1167)	[10]
"	AY092814 (522)	None
"	AF017425 (164)	[29]
"	AB080249 (278)	[9]
"	AB080250 (278)	[9]
"	AY818116 (278)	None
"	AY842612 (818)	[31]

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\* Indicates a complete COI sequence that was included in every phylogenetic analysis.

Other sequences were analyzed singly with the complete sequences.