

Table S5. Accession numbers for the additional COI sequences used in the phylogenetic analysis for the Holarctic *Lygus* species.

Species	COI Genbank accession number	Reference
<i>Lygus aeratus</i>	KR564324	Hebert et al. 2016
<i>Lygus atriflavus</i>	KR035035	Gwiazdowski et al. 2015
<i>Lygus atritibialis</i>	KR036451	Gwiazdowski et al. 2015
<i>Lygus borealis</i>	KR560711	Hebert et al. 2016
<i>Lygus borealis</i>	HQ105901	Park et al. 2011
<i>Lygus borealis</i>	KR030539	Gwiazdowski et al. 2015
<i>Lygus borealis</i>	KJ411639	Fleming et al. 2015
<i>Lygus ceanothi</i>	KR039876	Gwiazdowski et al. 2015
<i>Lygus elisus</i>	KR560112	Hebert et al. 2016
<i>Lygus elisus</i>	HQ105904	Park et al. 2011
<i>Lygus elisus</i>	KJ411641	Fleming et al. 2015
<i>Lygus elisus</i>	KR031044	Gwiazdowski et al. 2015
<i>Lygus gemellatus</i>	KM022922	Raupach et al. 2014
<i>Lygus gemellatus</i>	KM023105	Raupach et al. 2014
<i>Lygus hesperus</i>	HQ105907	Park et al. 2011
<i>Lygus hesperus</i>	JF823520	Zhou et al. 2012
<i>Lygus hesperus</i>	KR030581	Gwiazdowski et al. 2015
<i>Lygus hesperus</i>	KJ411640	Fleming et al. 2015
<i>Lygus humeralis</i>	HQ105911	Park et al. 2011
<i>Lygus humeralis</i>	KR034512	Gwiazdowski et al. 2015
<i>Lygus keltoni</i>	KR567855	Hebert et al. 2016
<i>Lygus keltoni</i>	KR030920	Gwiazdowski et al. 2015
<i>Lygus lineolaris</i>	KR341291	Hebert et al. 2016
<i>Lygus lineolaris</i>	HQ105913	Park et al. 2011
<i>Lygus lineolaris</i>	KR030547	Gwiazdowski et al. 2015
<i>Lygus lupini</i>	KU875431	Sikes et al. 2017
<i>Lygus plagiatus</i>	KR570034	Hebert et al. 2016
<i>Lygus plagiatus</i>	HQ105923	Park et al. 2011
<i>Lygus plagiatus</i>	KR034535	Gwiazdowski et al. 2015
<i>Lygus potentillae</i>	KR034520	Gwiazdowski et al. 2015
<i>Lygus pratensis</i>	KM021854	Raupach et al. 2014
<i>Lygus pratensis</i>	KM021926	Raupach et al. 2014
<i>Lygus pratensis</i>	KM022170	Raupach et al. 2014
<i>Lygus pratensis</i>	KM022498	Raupach et al. 2014
<i>Lygus pratensis</i>	KM023018	Raupach et al. 2014
<i>Lygus pratensis</i>	KM023020	Raupach et al. 2014
<i>Lygus pratensis</i>	KM023049	Raupach et al. 2014
<i>Lygus punctatus</i>	KR575994	Hebert et al. 2016
<i>Lygus punctatus</i>	KR032248	Gwiazdowski et al. 2015
<i>Lygus punctatus</i>	KU875432	Sikes et al. 2017
<i>Lygus rubroclarus</i>	HQ105925	Park et al. 2011
<i>Lygus rubrosignatus</i>	KR560404	Hebert et al. 2016
<i>Lygus rubrosignatus</i>	KR031408	Gwiazdowski et al. 2015
<i>Lygus robustus</i>	KR562620	Hebert et al. 2016
<i>Lygus robustus</i>	KR030676	Gwiazdowski et al. 2015
<i>Lygus robustus</i>	KR567832	Hebert et al. 2016

<i>Lygus rufidorsus</i>	KR034197	Gwiazdowski et al. 2015
<i>Lygus rugulipennis</i>	KR043021	Gwiazdowski et al. 2015
<i>Lygus rugulipennis</i>	KR033037	Gwiazdowski et al. 2015
<i>Lygus rugulipennis</i>	KU875434	Sikes et al. 2017
<i>Lygus rugulipennis</i>	GQ292108	Jung et al. 2011
<i>Lygus rugulipennis</i>	MH142555	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142556	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142557	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142558	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142559	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142560	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142561	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142562	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	MH142563	Piemontese et al. 2020
<i>Lygus rugulipennis</i>	KM021513	Raupach et al. 2014
<i>Lygus rugulipennis</i>	KM021762	Raupach et al. 2014
<i>Lygus rugulipennis</i>	KM022239	Raupach et al. 2014
<i>Lygus rugulipennis</i>	KM022398	Raupach et al. 2014
<i>Lygus rugulipennis</i>	KM022596	Raupach et al. 2014
<i>Lygus rugulipennis</i>	KM022805	Raupach et al. 2014
<i>Lygus rugulipennis</i>	KM022898	Raupach et al. 2014
<i>Lygus rugulipennis</i>	KM022988	Raupach et al. 2014
<i>Lygus scudleri</i>	KR034844	Gwiazdowski et al. 2015
<i>Lygus shulli</i>	KU875436	Sikes et al. 2017
<i>Lygus shulli</i>	KR572628	Hebert et al. 2016
<i>Lygus shulli</i>	KR031373	Gwiazdowski et al. 2015
<i>Lygus solidaginis</i>	KR040337	Gwiazdowski et al. 2015
<i>Lygus striatus</i>	KR033264	Gwiazdowski et al. 2015
<i>Lygus striatus</i>	HQ105926	Park et al. 2011
<i>Lygus striatus</i>	KR569782	Hebert et al. 2016
<i>Lygus unctuosus</i>	HQ105927	Park et al. 2011
<i>Lygus unctuosus</i>	KR566862	Hebert et al. 2016
<i>Lygus unctuosus</i>	KR036877	Gwiazdowski et al. 2015
<i>Lygus vanduzeei</i>	KR035942	Gwiazdowski et al. 2015
<i>Lygus vanduzeei</i>	KR569678	Hebert et al. 2016
<i>Lygus wagneri</i>	KM021504	Raupach et al. 2014

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