

S1 Table. Genebank references of COI sequences used in the present study.

Species	Genebank number	Reference
<i>Hippolyte inermis</i> (outgroup)	JF794740.1	[1]
<i>Mirocaris fortunata</i>	KT210460	Present study
	KT210450	Present study
	KT210451	Present study
	KT210452	Present study
	KT210453	Present study
	KT210454	Present study
	KT210455	Present study
	FJ769225.1	[2]
	FJ769226.1	[2]
	AF125430.1	[2]
	AF125431.1	[2]
	AF125432.1	[2]
	AF125433.1	[2]
<i>Alvinocaris dissimilis</i>	AB779491.1	Hiraoka,R. et al. (unpublished)
	AB779492.1	Hiraoka,R. et al. (unpublished)
	AB779493.1	Hiraoka,R. et al. (unpublished)
	AB779494.1	Hiraoka,R. et al. (unpublished)
<i>Alvinocaris komaii</i>	EU031816.1	[3]
	KP759373.1	[4]
<i>Alvinocaris longirostris</i>	AB222051.2	[5]
	AB222050.2	[5]
<i>Alvinocaris lusca</i>	AF125407.1	[2]
	AF125406.1	[2]
	AF125405.1	[2]
	AF125404.1	[2]
<i>Alvinocaris markensis</i>	KC840880.1	[6]
	KC840879.1	[6]
	KC840893.1	[6]
	KC840886.1	[6]
	KC840881.1	[6]
	KC840882.1	[6]
	KC840883.1	[6]
	KC840884.1	[6]
	KC840885.1	[6]
<i>Alvinocaris muricola</i>	KC840887.1	[6]
	KC840888.1	[6]
	KC840889.1	[6]
	KC840894.1	[6]
	KC840891.1	[6]
	KC840892.1	[6]
	KC840890.1	[6]
<i>Alvinocaris stactophila</i>	AF125410.1	[2]
	AF125411.1	[2]
<i>Alvinocaris sp.</i>	AB128829.1	[7]
<i>Rimicaris chacei</i>	KT210443	Present study

	KT210444	Present study
	KT210445	Present study
	KC840932.1	[6]
	KC840933.1	[6]
	KC840939.1	[6]
	KC840938.1	[6]
	KC840930.1	[6]
	KC840929.1	[6]
	KC840940.1	[6]
	KC840935.1	[6]
	KC840931.1	[6]
	KC840934.1	[6]
	KC840936.1	[6]
	KC840928.1	[6]
<i>Rimicaris vandorvae</i>	AF125417.1	[8]
	AF125418.1	[8]
<i>Opaepele loihi</i>	DQ328838.1	Jones et al. (unpublished)
	AF125437.1	[8]
	AF125436.1	[8]
	DQ328825.1	Jones et al. (unpublished)
	DQ328824.1	Jones et al. (unpublished)
	DQ328837.1	Jones et al. (unpublished)
	DQ328826.1	Jones et al. (unpublished)
	DQ328823.1	Jones et al. (unpublished)
	DQ328835.1	Jones et al. (unpublished)
	DQ328832.1	Jones et al. (unpublished)
	DQ328820.1	Jones et al. (unpublished)
	DQ328830.1	Jones et al. (unpublished)
	DQ328834.1	Jones et al. (unpublished)
	DQ328821.1	Jones et al. (unpublished)
	DQ328827.1	Jones et al. (unpublished)
	DQ328833.1	Jones et al. (unpublished)
	DQ328831.1	Jones et al. (unpublished)
	DQ328819.1	Jones et al. (unpublished)
<i>Rimicaris exoculata</i>	HM125956.1	[9]
	HM125918.1	[9]
	HM125927.1	[9]
	HM125935.1	[9]
	HM125950.1	[9]
	HM125949.1	[9]
	HM125937.1	[9]
	HM125926.1	[9]
	FN392999.1	[10]
	HM125911.1	[9]
	HM125910.1	[9]
	HM125921.1	[9]
	HM125943.1	[9]
	KT210447	Present study
	KT210446	Present study
	FN393004.1	[10]

	KT210448	Present study
	KT210449	Present study
	AF044057.1	[8]
	AF125419.1	[8]
	AF125403.1	[8]
	AF125402.1	[8]
	AF125401.1	[8]
	AF125398.1	[8]
	AF125399.1	[8]
	AF125400.1	[8]
	AF125420.1	[8]
	AF125440.1	[8]
	FN393000.1	[10]
	HM125925.1	[9]
	FN393005.1	[10]
	FN393007.1	[10]
	FN393006.1	[10]
	HM125922.1	[9]
	FN393001.1	[10]
	FN393003.1	[10]
	FN392996.1	[10]
	FN393002.1	[10]
	FN392998.1	[10]
	FN392997.1	[10]
<i>Rimicaris hybisae</i>	JN850607.1	[11]
	KJ566979.1	[12]
	KJ566987.1	[12]
	KJ566988.1	[12]
	KJ566974.1	[12]
	KJ566990.1	[12]
	KJ566971.1	[12]
	KJ566970.1	[12]
	KJ566992.1	[12]
	KJ566969.1	[12]
	KJ566975.1	[12]
	KJ566995.1	[12]
	KJ566980.1	[12]
	KJ566991.1	[12]
	KJ566981.1	[12]
	KJ567001.1	[12]
	KJ566997.1	[12]
	KJ566986.1	[12]
	KJ566976.1	[12]
	KJ566996.1	[12]
	KJ566989.1	[12]
	KJ566985.1	[12]
	KJ566968.1	[12]
	KJ566982.1	[12]
	KJ566977.1	[12]
	KJ566973.1	[12]

	KJ566978.1	[12]
	KJ566983.1	[12]
	KJ567003.1	[12]
	KJ567002.1	[12]
	KJ567000.1	[12]
	KJ566999.1	[12]
	KJ566998.1	[12]
	KJ566984.1	[12]
	KJ566972.1	[12]
<i>Rimicaris kairei</i>	AB813089.1	[13]
	AB813107.1	[13]
	AB813101.1	[13]
	AB813105.1	[13]
	AB813090.1	[13]
	AB813099.1	[13]
	AB813088.1	[13]
	AB813097.1	[13]
	AB813096.1	[13]
	AB813095.1	[13]
	AB813094.1	[13]
	AB813093.1	[13]
	AB813092.1	[13]
	AB813091.1	[13]
	AB813108.1	[13]
	AB813106.1	[13]
	AB813104.1	[13]
	AB813103.1	[13]
	AB813102.1	[13]
	AB813100.1	[13]
	AB813098.1	[13]
	AB813087.1	[13]
<i>Nautilocaris sainlaurentae</i>	KT223499	Present study
	KT223500	Present study
	KT223501	Present study
	NC_021971.1	[14]
	KF226726.1	[14]

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