

Electronic Supplementary Material for Sigwart et al. “Global controversy in oyster systematics and a newly described species of oyster from SE Asia (Bivalvia: Ostreidae: Crassostreinae)” *Marine Biodiversity*

Online Resource 1. Table of Genbank sequence accession numbers used in the phylogenetic reconstruction illustrated in the main text Figure 2. New sequences from this study are highlighted in **bold**.

exemplar_name	COI	28S	16S
UPMMC0006 (sp. nov. holotype)	MW349630	MW349671	MW354033
UPMMC0001 (sp. nov. paratype)	MW349625	MW349666	MW354028
UPMMC0002 (sp. nov. paratype)	MW349626	MW349667	MW354029
UMTMoll1816 (sp. nov. paratype)	MW349627	MW349668	MW354030
ZRC.MOL.016549 (sp. nov. paratype)	MW349628	MW349669	MW354031
UPMMC0003 (sp. nov. paratype)	MW349629	MW349670	MW354032
SMF360799 (sp. nov. paratype)	MW349631	MW349672	MW354034
NMW.Z.2021.007.00001 (sp. nov. paratype)	MW349632	MW349673	MW354035
UPMMC0004 (sp. nov. paratype)	MW349633	MW349674	MW354036
UPMMC0005 (sp. nov. paratype)	MW349634	MW349675	MW354037
UPMMC0007 (<i>C. belcheri</i>)	MW349635	MW349676	MW354038
UPMMC0008 (<i>C. belcheri</i>)	MW349636	MW349677	MW354039
UPMMC0009 (<i>C. belcheri</i>)	MW349637	--	MW354040
UPMMC0010 (<i>C. belcheri</i>)	MW349638	MW349678	MW354041
UPMMC0011 (<i>C. belcheri</i>)	MW349639	--	MW354042
UPMMC_May2019_1 (sp. nov.)	MW349640	MW349679	--
UPMMC_May2019_2 (sp. nov.)	MW349641	MW349680	--
UPMMC_May2019_3 (sp. nov.)	MW349642	MW349681	--
UPMMC_May2019_4 (sp. nov.)	MW349643	MW349682	--
UPMMC_May2019_5 (sp. nov.)	MW349644	MW349683	--

exemplar_name	COI	28S	16S
UPMMC_May2019_6 (sp. nov.)	MW349645	MW349684	--
UPMMC_May2019_7 (sp. nov.)	MW349646	MW349685	--
UPMMC_May2019_8 (sp. nov.)	MW349647	MW349686	--
UPMMC_May2019_9 (sp. nov.)	MW349648	MW349687	--
Crassostrea_angulata_BLWJS6	--	KC847138.1	KC847117.1
Crassostrea_angulata_CAN_1	KX345756.1	KX345726.2	KX345694.1
Crassostrea_ariakensis_CAR2	KP067891.1	KX345730.2	--
Crassostrea_ariakensis_Red	--	AY632553	consensus of {AY632546-8}
Crassostrea_belcheri	AY038077.1	Z29545.1	AJ553914.2
Crassostrea_belcheri_B	KX961668.1	--	KX961680.1
Crassostrea_belcheri_C	KX961670.1	--	KX961679.1
Crassostrea_belcheri_Y	KX961671.1	--	KX961675.1
Crassostrea_belcheri_Z	KX961669.1	--	KX961674.1
Crassostrea_brasiliana	consensus of {FJ717640-651, KX436134-142}	--	consensus of {DQ839413,JN849099, JN849100-03, FJ478027-29, HQ711624-27}
Crassostrea_columbiensis	consensus of {KP455017, KP455051, KP455052, KP455055}	consensus of {KF370353- KF370359}	--
Crassostrea_corteziensis	--	consensus of {KF370343-51}	consensus of {EU733651, EU733652, KT317088}
Crassostrea_cuttackensis	FJ262983	--	--
Crassostrea_dianbaiensis_EMB01	AB971929.1	--	AB971988.1
Crassostrea_dianbaiensis_EMB02	AB971930.1	--	AB971989.1
Crassostrea_dianbaiensis_EMB03	AB971931.1	--	AB971990.1
Crassostrea_dianbaiensis_EMB04	AB971932.1	--	AB971991.1

exemplar_name	COI	28S	16S
Crassostrea_gasar_H1	HM003499	--	EF473274
Crassostrea_gasar_H2	HM003500	--	EF473270
Crassostrea_gasar_H3	HM003501	--	EF473271
Crassostrea_gasar_H4	HM003502	--	EF473272
Crassostrea_gasar_H5	HM003503	--	EF473273
Crassostrea_gigas_CGI_1	KX345748.1	KX345718.2	KX345700.1
Crassostrea_gigas_CGI_2	KX345750.1	KX345720.2	KX345701.1
Crassostrea_gigas_CGI_3	KX345749.1	KX345719.2	KX345702.1
Crassostrea_gigas_CGRU	AY632567.1	AY632555.1	AY632550.1
Crassostrea_gigas_CSUF1785	KT317429.1	--	KT317089.1
Crassostrea_gigas_CSUF2725	KT317430.1	--	KT317095.1
Crassostrea_gryphoides_CL2018	KX961667.1	--	KX961681.1
Crassostrea_hongkongensis_CHO1	KX345772.1	KX345742.2	KX345688.1
Crassostrea_hongkongensis_CHO2	KX345773.1	KX345743.2	KX345689.1
Crassostrea_hongkongensis_CHO3	KX345774.1	KX345744.2	KX345690.1
Crassostrea_hongkongensis_whiteBH	AY632556.1	AY632552.1	AY632549.1
Crassostrea_iredalei_GCr11	AB748818.1	--	AB972007.1
Crassostrea_iredalei_GCr13	AB748819.1	--	AB972008.1
Crassostrea_iredalei_QL1	EU816044.1	--	EU815953.1
Crassostrea_madrasensis_Pantai_Seri_Tujuh_13	JF915465.1	--	JF915518.1
Crassostrea_madrasensis_Setiu_05	JF915456.1	--	JF915515.1
Crassostrea_nippona_DCA	FJ743531.1	--	FJ743508.1
Crassostrea_nippona_O13	LC005437.1	--	LC005446.1
Crassostrea_rhizophorae_H1	HM003475.1	--	EF473282.1
Crassostrea_rhizophorae_H2	HM003476.1	--	EF473275.1
Crassostrea_rhizophorae_H3	HM003477.1	--	EF473283.1
Crassostrea_rhizophorae_H4	HM003478.1	--	EF473276.1

exemplar_name	COI	28S	16S
Crassostrea_rhizophorae_H5	HM003479.1	--	EF473284.1
Crassostrea_rhizophorae_H6	HM003480.1	--	EF473277.1
Crassostrea_rhizophorae_H7	HM003481.1	--	EF473279.1
Crassostrea_sikamea_CSI1	KX345769.1	KX345739.2	KX345712.1
Crassostrea_sikamea_CSI2	KX345770.1	KX345740.2	KX345713.1
Crassostrea_sikamea_CSI3	KX345771.1	KX345741.2	KX345714.1
Crassostrea_sikamea_CSWA	AY632568.1	AY632554.1	AY632551.1
Crassostrea_sikamea_HNLA	--	KC847137.1	KC847116.1
Crassostrea_talonata_KC	KC683515	KC847154	KC847133
Crassostrea_talonata_KX	KX364275	--	KX364277
Crassostrea_virginica_BivATOL	KC429098	KC429429	KC429253
Crassostrea_zhanjiangensis_1	JX899646	--	JX899653.1
Crassostrea_zhanjiangensis_2	JX899647.1	--	JX899654.1
Crassostrea_zhanjiangensis_3	JX899648.1	--	JX899655.1
Magallana_rivularis	--	Z29548	AY510450
Ostrea_edulis	KX713488	--	KX713245
Striostrea_margaritacea_BAU2643	LT220873	AF137048	LT220867
Striostrea_margaritacea_BAU2644	LT220874	AF137048	LT220868
Striostrea_margaritacea_BAU2645	LT220875	AF137048	LT220869
Striostrea_prismatica_CSUF_DNA_DE2287	KT317606	consensus of {KF370416 - KF370420}	KT317423
Striostrea_prismatica_CSUF_DNA_DE2293	KT317605	consensus of {KF370416 - KF370420}	KT317422