

Supplementary Table

Catalogue number, sampling region, locality, accession number of mtCR 597 bp in INSDC (International Nucleotide Sequence Database Collaboration), haplotype code, inclusion in morphological comparisons (Y=yes; N=no), total length (mm), and sex of specimens of *Okamejei kenojei* examined in this study. - =data unavailable; M=male; F=female. The specimens examined here were deposited in the fish collections of Kyoto University, Kyoto, Japan (FAKU); Kochi University, Kochi, Japan (BSKU); National Museum of Nature and Science, Tsukuba, Japan (NSMT-P); Pukyong National University, Busan, Korea (PKU); Hokkaido University Museum, Hakodate, Japan (HUMZ); Noto Marin Center, Ishikawa, Japan (NMCI-P); Kagoshima University Museum, Kagoshima, Japan (KAUM-I); Kanagawa Prefectural Museum of National History, Odawara, Japan (KPM-NI); and Osaka Museum of National History, Osaka, Japan (OMNH-P).

Catalogue number	Region	Locality	Accession no.	Haplotype code	Morpho. comp.	TL (mm)	Sex
FAKU 140514	East China Sea	Nagasaki	LC386653	Ok1	Y	197	F
FAKU 140515	East China Sea	Nagasaki	LC386654	Ok9	Y	224	F
FAKU 140516	East China Sea	Nagasaki	LC386655	Ok2	Y	211	F
FAKU 140517	East China Sea	Nagasaki	LC386656	Ok9	Y	281	M
FAKU 140518	East China Sea	Nagasaki	LC386657	Ok1	Y	380	F
FAKU 140662	East China Sea	Nagasaki	LC386658	Ok10	Y	174	F
FAKU 140663	East China Sea	Nagasaki	LC386659	Ok9	Y	206	M
FAKU 140664	East China Sea	Nagasaki	LC386660	Ok1	Y	311	F
FAKU 140665	East China Sea	Nagasaki	LC386661	Ok9	Y	410	F
FAKU 140666	East China Sea	Nagasaki	LC386662	Ok9	Y	407	F
FAKU 140667	East China Sea	Nagasaki	LC386663	Ok1	Y	343	M
FAKU 140668	East China Sea	Nagasaki	LC386664	Ok9	Y	180	M
FAKU 140669	East China Sea	Nagasaki	LC386665	Ok10	Y	185	M
FAKU 140670	East China Sea	Nagasaki	LC386666	Ok3	Y	211	M
FAKU 140671	East China Sea	Nagasaki	LC386667	Ok9	Y	340	M
FAKU 140672	East China Sea	Nagasaki	LC386668	Ok9	Y	329	F
FAKU 140673	East China Sea	Nagasaki	LC386669	Ok10	Y	398	F
FAKU 140674	East China Sea	Nagasaki	LC386670	Ok2	N	421	F
FAKU 140527	East China Sea	Nagasaki	LC386671	Ok1	N	286	F
FAKU 140528	East China Sea	Nagasaki	LC386672	Ok1	Y	408	M
FAKU 140529	East China Sea	Nagasaki	LC386673	Ok9	N	399	F
FAKU 140530	East China Sea	Nagasaki	LC386674	Ok10	N	380	F
FAKU 140531	East China Sea	Nagasaki	LC386675	Ok1	N	364	F
FAKU 140532	East China Sea	Nagasaki	LC386676	Ok9	N	361	F
FAKU 140533	East China Sea	Nagasaki	LC386677	Ok1	Y	351	F
FAKU 140534	East China Sea	Nagasaki	LC386678	Ok9	Y	322	F
FAKU 140535	East China Sea	Nagasaki	LC386679	Ok1	N	400	M
FAKU 140536	East China Sea	Nagasaki	LC386680	Ok9	N	343	M
FAKU 140537	East China Sea	Nagasaki	LC386681	Ok1	Y	392	M
FAKU 140526	East China Sea	Nagasaki	LC386682	Ok9	Y	246	F
FAKU 140538	East China Sea	Nagasaki	LC386683	Ok1	N	196	M
BSKU 23971	East China Sea	Nagasaki			Y	98	M
BSKU 25510	East China Sea	Nagasaki			Y	104	F
BSKU 25511	East China Sea	Nagasaki			Y	97	M
NSMT-P 53304 (1/6)	East China Sea	Nagasaki			Y	164	F
NSMT-P 53304 (2/6)	East China Sea	Nagasaki			Y	167	F
NSMT-P 53308 (1/4)	East China Sea	Nagasaki			Y	392	M
NSMT-P 53308 (2/4)	East China Sea	Nagasaki			Y	325	M
PKU 51136	Yellow Sea	Chungcheongnam-do, Korea	LC386684	Ok1	N	-	-
PKU 51138	Yellow Sea	Chungcheongnam-do, Korea	LC386685	Ok1	N	-	-
PKU 51282	Yellow Sea	Chungcheongnam-do, Korea	LC386686	Ok8	N	-	-
PKU 51284	Yellow Sea	Chungcheongnam-do, Korea	LC386687	Ok1	N	-	-
PKU 51286	Yellow Sea	Chungcheongnam-do, Korea	LC386688	Ok1	N	-	-
PKU 51288	Yellow Sea	Chungcheongnam-do, Korea	LC386689	Ok1	N	-	-
PKU 51290	Yellow Sea	Chungcheongnam-do, Korea	LC386690	Ok2	N	-	-
PKU 51292	Yellow Sea	Chungcheongnam-do, Korea	LC386691	Ok1	N	-	-
PKU 51294	Yellow Sea	Chungcheongnam-do, Korea	LC386692	Ok1	N	-	-

Table continued

Supplementary Table (continued)

Catalogue number	Region	Locality	Accession no.	Haplotype code	Morpho. comp.	TL (mm)	Sex
PKU 51296	Yellow Sea	Chungcheongnam-do, Korea	LC386693	Ok2	N	-	-
FAKU 77059	Yellow Sea	Central part of Yellow Sea			Y	426	F
FAKU 77060	Yellow Sea	Central part of Yellow Sea			Y	415	F
FAKU 77061	Yellow Sea	Central part of Yellow Sea			Y	417	F
FAKU 77062	Yellow Sea	Central part of Yellow Sea			Y	430	F
FAKU 77063	Yellow Sea	Central part of Yellow Sea			Y	440	M
FAKU 77064	Yellow Sea	Central part of Yellow Sea			Y	428	M
NSMT-P 43698	Yellow Sea	Chinese coast of southern Yellow Sea			Y	455	M
FAKU 75195	Sea of Japan	Tsushima, Nagasaki			Y	339	M
FAKU 80585	Sea of Japan	Tsushima, Nagasaki			Y	361	F
FAKU 134674	Sea of Japan	Yamaguchi	LC386694	Ok3	Y	104	M
FAKU 143614	Sea of Japan	Yamaguchi	LC386695	Ok4	Y	260	M
FAKU 145367	Sea of Japan	Yamaguchi	LC386696	Ok2	Y	392	F
FAKU 145392	Sea of Japan	Yamaguchi	LC386697	Ok1	Y	400	M
FAKU 145396	Sea of Japan	Yamaguchi	LC386698	Ok2	Y	424	F
FAKU 145372	Sea of Japan	Yamaguchi			Y	196	M
FAKU 145385	Sea of Japan	Yamaguchi			Y	164	F
BSKU 116603	Sea of Japan	Shimane	LC386699	Ok2	Y	288	M
BSKU 116611	Sea of Japan	Shimane	LC386700	Ok2	Y	435	M
BSKU 116612	Sea of Japan	Shimane	LC386701	Ok3	Y	416	M
FAKU 140686	Sea of Japan	Shimane	LC386702	Ok2	Y	370	M
FAKU 141234	Sea of Japan	Shimane	LC386703	Ok7	Y	424	M
FAKU 141235	Sea of Japan	Shimane	LC386704	Ok2	Y	390	M
FAKU 141236	Sea of Japan	Shimane	LC386705	Ok2	Y	308	M
FAKU 141237	Sea of Japan	Shimane	LC386706	Ok2	Y	323	M
FAKU 141238	Sea of Japan	Shimane	LC386707	Ok6	Y	359	F
FAKU 141239	Sea of Japan	Shimane	LC386708	Ok2	N	303	F
FAKU 141242	Sea of Japan	Shimane	LC386709	Ok2	Y	423	F
FAKU 141243	Sea of Japan	Shimane	LC386710	Ok2	Y	354	F
FAKU 141241	Sea of Japan	Shimane	LC386711	Ok2	Y	272	M
BSKU 40578	Sea of Japan	Shimane			Y	397	M
FAKU 141240	Sea of Japan	Shimane			Y	421	M
HUMZ 107424	Sea of Japan	Tottori			Y	362	F
HUMZ 107425	Sea of Japan	Tottori			Y	276	F
HUMZ 107426	Sea of Japan	Tottori			Y	347	F
HUMZ 107428	Sea of Japan	Tottori			Y	393	M
FAKU 131449 (1/2)	Sea of Japan	Hyogo			Y	353	M
FAKU 131449 (2/2)	Sea of Japan	Hyogo			Y	288	F
FAKU 137179	Sea of Japan	Wakasa Bay	LC386712	Ok4	N	446	F
FAKU 134720	Sea of Japan	Wakasa Bay	LC386713	Ok4	Y	129	M
FAKU 138895	Sea of Japan	Wakasa Bay	LC386714	Ok2	Y	430	M
FAKU 139875	Sea of Japan	Wakasa Bay	LC386715	Ok4	N	397	M
FAKU 139970	Sea of Japan	Wakasa Bay	LC386716	Ok4	Y	376	F
FAKU 140513	Sea of Japan	Wakasa Bay	LC386717	Ok4	N	104	M
FAKU 140599	Sea of Japan	Wakasa Bay	LC386718	Ok4	Y	455	M
FAKU 140802	Sea of Japan	Wakasa Bay	LC386719	Ok4	N	403	M
FAKU 135754	Sea of Japan	Wakasa Bay	LC386720	Ok4	Y	403	F
FAKU 142393	Sea of Japan	Wakasa Bay	LC386721	Ok1	N	104	M
FAKU 130249	Sea of Japan	Wakasa Bay			Y	276	F
FAKU 140848	Sea of Japan	Wakasa Bay			Y	103	F
FAKU 137317	Sea of Japan	Toyama Bay	LC386722	Ok2	Y	413	F
FAKU 137318	Sea of Japan	Toyama Bay	LC386723	Ok5	Y	422	F
FAKU 137319	Sea of Japan	Toyama Bay	LC386724	Ok2	Y	412	M
FAKU 137320	Sea of Japan	Toyama Bay	LC386725	Ok4	Y	392	F
FAKU 137322	Sea of Japan	Toyama Bay	LC386726	Ok2	N	376	M
FAKU 137323	Sea of Japan	Toyama Bay	LC386727	Ok2	Y	448	M
FAKU 137324	Sea of Japan	Toyama Bay	LC386728	Ok2	Y	370	F

Table continued

Supplementary Table (continued)

Catalogue number	Region	Locality	Accession no.	Haplotype code	Morpho. comp.	TL (mm)	Sex
FAKU 137708	Sea of Japan	Toyama Bay	LC386729	Ok2	N	413	F
FAKU 137709	Sea of Japan	Toyama Bay	LC386730	Ok5	N	414	F
FAKU 137710	Sea of Japan	Toyama Bay	LC386731	Ok2	N	381	M
FAKU 137711	Sea of Japan	Toyama Bay	LC386732	Ok5	N	406	M
NMCI-P 1770	Sea of Japan	Toyama Bay	LC386733	Ok5	N	370	M
NMCI-P 1836	Sea of Japan	Toyama Bay	LC386734	Ok2	N	420	F
NMCI-P 1926	Sea of Japan	Toyama Bay	LC386735	Ok5	N	181	M
FAKU 137321	Sea of Japan	Toyama Bay			Y	419	M
FAKU 143091	Sea of Japan	Toyama Bay			Y	165	M
FAKU 141227	Sea of Japan	Niigata	LC386736	Ok2	Y	453	M
FAKU 141228	Sea of Japan	Niigata	LC386737	Ok2	Y	397	M
FAKU 141229	Sea of Japan	Niigata	LC386738	Ok2	Y	388	F
FAKU 141230	Sea of Japan	Niigata	LC386739	Ok2	Y	421	F
FAKU 141231	Sea of Japan	Niigata	LC386740	Ok2	Y	430	F
FAKU 141232	Sea of Japan	Niigata	LC386741	Ok2	Y	381	F
FAKU 141233	Sea of Japan	Niigata	LC386742	Ok2	Y	388	F
FAKU 141661	Sea of Japan	Niigata			Y	408	M
HUMZ 52821	Sea of Japan	Niigata			Y	134	F
FAKU 140883	Sea of Japan	Yamagata	LC386743	Ok2	Y	431	F
FAKU 140884	Sea of Japan	Yamagata	LC386744	Ok2	Y	411	F
KAUM-I 26593	Sea of Japan	Yamagata			Y	316	M
NSMT-P 74491	Sea of Japan	Yamagata			Y	201	M
FAKU 97576	Sea of Japan	Akita	LC386745	Ok2	N	-	F
FAKU 97577	Sea of Japan	Akita	LC386746	Ok2	N	-	F
FAKU 97578	Sea of Japan	Akita	LC386747	Ok2	N	-	M
FAKU 97579	Sea of Japan	Akita	LC386748	Ok2	N	-	M
FAKU 97580	Sea of Japan	Akita	LC386749	Ok2	N	-	M
FAKU 97581	Sea of Japan	Akita	LC386750	Ok2	N	-	F
FAKU 141499	Sea of Japan	Akita	LC386751	Ok2	Y	415	F
FAKU 141500	Sea of Japan	Akita	LC386752	Ok2	Y	457	F
FAKU 141501	Sea of Japan	Akita	LC386753	Ok2	Y	417	F
FAKU 141502	Sea of Japan	Akita	LC386754	Ok2	Y	427	F
FAKU 141503	Sea of Japan	Akita	LC386755	Ok2	Y	411	F
FAKU 141504	Sea of Japan	Akita	LC386756	Ok2	Y	399	M
FAKU 141505	Sea of Japan	Akita	LC386757	Ok2	N	376	M
KPM-NI 20036	Sea of Japan	Akita			Y	402	F
NSMT-P 74443 (1/3)	Sea of Japan	Akita			Y	276	M
HUMZ 181	Sea of Japan	Aomori			Y	224	M
BSKU 116210	Sea of Japan	Tsugaru Strait	LC386758	Ok1	Y	407	M
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386759	Ok2	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386760	Ok2	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386761	Ok1	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386762	Ok2	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386763	Ok2	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386764	Ok2	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386765	Ok2	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386766	Ok2	N	-	F
Uncatalogued	Sea of Japan	Tsugaru Strait	LC386767	Ok2	N	-	M
BSKU 116212	Sea of Japan	Tsugaru Strait			Y	365	M
BSKU 116213	Sea of Japan	Tsugaru Strait			Y	346	M
BSKU 116214	Sea of Japan	Tsugaru Strait			Y	431	F
BSKU 116215	Sea of Japan	Tsugaru Strait			Y	328	F
NSMT-P 44703	Sea of Japan	Tsugaru Strait			Y	266	F
KAUM-I 30827	East coast of Kyushu Is.	Kagoshima			Y	392	F
FAKU 137594	East coast of Kyushu Is.	Miyazaki	LC386768	Ok12	Y	153	F
BSKU 37800	East coast of Kyushu Is.	Bungo Strait			Y	436	F
BSKU 37801	East coast of Kyushu Is.	Bungo Strait			Y	471	F

Table continued

Supplementary Table (continued)

Catalogue number	Region	Locality	Accession no.	Haplotype code	Morpho. comp.	TL (mm)	Sex
BSKU 38949	East coast of Kyushu Is.	Bungo Strait			Y	390	M
OMNH-P 11410	East coast of Kyushu Is.	Bungo Strait			Y	185	M
OMNH-P 24430	East coast of Kyushu Is.	Bungo Strait			Y	239	M
OMNH-P 24558	East coast of Kyushu Is.	Bungo Strait			Y	317	F
FAKU 140521	Osaka Bay	Osaka	LC386769	Ok13	Y	429	M
FAKU 140522	Osaka Bay	Osaka	LC386770	Ok13	Y	415	M
FAKU 140523	Osaka Bay	Osaka	LC386771	Ok13	Y	433	M
FAKU 140524	Osaka Bay	Osaka	LC386772	Ok13	N	428	M
FAKU 140525	Osaka Bay	Osaka	LC386773	Ok13	N	379	M
FAKU 141282	Osaka Bay	Osaka	LC386774	Ok13	Y	452	F
FAKU 143152	Osaka Bay	Osaka	LC386775	Ok13	Y	341	F
FAKU 143153	Osaka Bay	Osaka	LC386776	Ok13	Y	385	F
FAKU 143154	Osaka Bay	Osaka	LC386777	Ok13	Y	395	F
FAKU 143155	Osaka Bay	Osaka	LC386778	Ok13	Y	405	F
FAKU 143156	Osaka Bay	Osaka	LC386779	Ok13	Y	380	F
FAKU 143157	Osaka Bay	Osaka	LC386780	Ok13	N	369	F
FAKU 143158	Osaka Bay	Osaka	LC386781	Ok13	N	421	F
FAKU 143159	Osaka Bay	Osaka	LC386782	Ok13	Y	411	F
FAKU 143160	Osaka Bay	Osaka	LC386783	Ok13	Y	379	F
FAKU 143161	Osaka Bay	Osaka	LC386784	Ok13	Y	409	F
FAKU 143162	Osaka Bay	Osaka	LC386785	Ok13	Y	428	F
FAKU 143164	Osaka Bay	Osaka	LC386786	Ok13	Y	323	M
FAKU 143165	Osaka Bay	Osaka	LC386787	Ok14	Y	399	M
FAKU 143166	Osaka Bay	Osaka	LC386788	Ok13	Y	411	M
FAKU 143167	Osaka Bay	Osaka	LC386789	Ok13	Y	414	M
FAKU 143168	Osaka Bay	Osaka	LC386790	Ok13	Y	396	F
FAKU 143169	Osaka Bay	Osaka	LC386791	Ok13	Y	503	F
FAKU 143170	Osaka Bay	Osaka	LC386792	Ok13	Y	435	M
BSKU 42492	Osaka Bay	Osaka			Y	433	F
FAKU 63258	Osaka Bay	Osaka			Y	393	F
FAKU 63260	Osaka Bay	Osaka			Y	408	F
FAKU 143163	Osaka Bay	Osaka			Y	447	F
OMNH-P 8766	Osaka Bay	Osaka			Y	419	M
OMNH-P 8767	Osaka Bay	Osaka			Y	424	F
OMNH-P 8772	Osaka Bay	Osaka			Y	409	M
BSKU 115544	Pacific coast of northern Japan	Chosi, Chiba	LC386793	Ok11	Y	430	M
BSKU 115545	Pacific coast of northern Japan	Chosi, Chiba	LC386794	Ok11	Y	506	M
BSKU 115546	Pacific coast of northern Japan	Chosi, Chiba	LC386795	Ok11	N	373	F
BSKU 115547	Pacific coast of northern Japan	Chosi, Chiba	LC386796	Ok11	N	510	F
BSKU 115548	Pacific coast of northern Japan	Chosi, Chiba	LC386797	Ok11	N	460	F
BSKU 115549	Pacific coast of northern Japan	Chosi, Chiba	LC386798	Ok11	N	496	F
BSKU 115550	Pacific coast of northern Japan	Chosi, Chiba	LC386799	Ok11	Y	419	F
BSKU 115849	Pacific coast of northern Japan	Chosi, Chiba	LC386800	Ok11	N	485	F
BSKU 115844	Pacific coast of northern Japan	Chosi, Chiba			Y	497	F
BSKU 115846	Pacific coast of northern Japan	Chosi, Chiba			Y	381	M
BSKU 115847	Pacific coast of northern Japan	Chosi, Chiba			Y	372	F
BSKU 115851	Pacific coast of northern Japan	Chosi, Chiba			Y	472	M
BSKU 115857	Pacific coast of northern Japan	Chosi, Chiba			Y	332	M
FAKU 139510	Pacific coast of northern Japan	Chosi, Chiba			Y	142	F
BSKU 112301	Pacific coast of northern Japan	Ibaraki	LC386801	Ok11	Y	482	F
BSKU 112302	Pacific coast of northern Japan	Ibaraki	LC386802	Ok11	Y	478	F
BSKU 112175	Pacific coast of northern Japan	Ibaraki	LC386803	Ok11	Y	481	M
BSKU 112176	Pacific coast of northern Japan	Ibaraki	LC386804	Ok11	Y	376	M
BSKU 112177	Pacific coast of northern Japan	Ibaraki	LC386805	Ok11	Y	446	F
BSKU 112173	Pacific coast of northern Japan	Ibaraki			Y	454	M
BSKU 112174	Pacific coast of northern Japan	Ibaraki			Y	511	M
BSKU 112186	Pacific coast of northern Japan	Ibaraki			Y	332	F

Table continued

Supplementary Table (continued)

Catalogue number	Region	Locality	Accession no.	Haplotype code	Morpho. comp.	TL (mm)	Sex
BSKU 112187	Pacific coast of northern Japan	Ibaraki			Y	519	F
BSKU 112188	Pacific coast of northern Japan	Ibaraki			Y	473	F
BSKU 112189	Pacific coast of northern Japan	Ibaraki			Y	500	F
BSKU 112190	Pacific coast of northern Japan	Ibaraki			Y	482	F
BSKU 112191	Pacific coast of northern Japan	Ibaraki			Y	532	F
BSKU 112192	Pacific coast of northern Japan	Ibaraki			Y	490	F
BSKU 112197	Pacific coast of northern Japan	Ibaraki			Y	412	F
BSKU 112198	Pacific coast of northern Japan	Ibaraki			Y	460	F
BSKU 112199	Pacific coast of northern Japan	Ibaraki			Y	533	F
BSKU 112200	Pacific coast of northern Japan	Ibaraki			Y	346	F
BSKU 112201	Pacific coast of northern Japan	Ibaraki			Y	450	F
BSKU 112202	Pacific coast of northern Japan	Ibaraki			Y	462	F
BSKU 112297	Pacific coast of northern Japan	Ibaraki			Y	472	M
BSKU 112298	Pacific coast of northern Japan	Ibaraki			Y	454	M
BSKU 112299	Pacific coast of northern Japan	Ibaraki			Y	496	M
BSKU 112300	Pacific coast of northern Japan	Ibaraki			Y	349	M
BSKU 112303	Pacific coast of northern Japan	Ibaraki			Y	392	F
NSMT-P 110527 (1/9)	Pacific coast of northern Japan	Ibaraki			Y	167	M
NSMT-P 110527 (2/9)	Pacific coast of northern Japan	Ibaraki			Y	109	F
NSMT-P 110527 (3/9)	Pacific coast of northern Japan	Ibaraki			Y	108	F
NSMT-P 110527 (4/9)	Pacific coast of northern Japan	Ibaraki			Y	121	F
NSMT-P 110527 (5/9)	Pacific coast of northern Japan	Ibaraki			Y	100	M
NSMT-P 110527 (6/9)	Pacific coast of northern Japan	Ibaraki			Y	115	M
NSMT-P 110527 (7/9)	Pacific coast of northern Japan	Ibaraki			Y	101	M
NSMT-P 110527 (8/9)	Pacific coast of northern Japan	Ibaraki			Y	98	M
NSMT-P 110527 (9/9)	Pacific coast of northern Japan	Ibaraki			Y	104	M
OMNH-P 25965	Pacific coast of northern Japan	Ibaraki			Y	281	M
FAKU 139486	Pacific coast of northern Japan	Fukushima	LC386806	Ok11	Y	416	M
FAKU 139485	Pacific coast of northern Japan	Fukushima	LC386807	Ok11	Y	382	F
FAKU 139487	Pacific coast of northern Japan	Fukushima	LC386808	Ok11	Y	382	F
FAKU 139488	Pacific coast of northern Japan	Fukushima	LC386809	Ok11	Y	449	F
FAKU 139489	Pacific coast of northern Japan	Fukushima	LC386810	Ok11	Y	444	F
FAKU 139490	Pacific coast of northern Japan	Fukushima	LC386811	Ok11	N	401	M
FAKU 139491	Pacific coast of northern Japan	Fukushima	LC386812	Ok11	Y	475	M
BSKU 114938	Pacific coast of northern Japan	Miyagi	LC386813	Ok11	N	412	M
BSKU 114940	Pacific coast of northern Japan	Miyagi	LC386814	Ok11	Y	524	F
BSKU 114941	Pacific coast of northern Japan	Miyagi	LC386815	Ok11	N	484	M
BSKU 114942	Pacific coast of northern Japan	Miyagi	LC386816	Ok11	Y	566	M
BSKU 114943	Pacific coast of northern Japan	Miyagi	LC386817	Ok11	N	505	M
BSKU 114944	Pacific coast of northern Japan	Miyagi	LC386818	Ok11	N	548	M
BSKU 114945	Pacific coast of northern Japan	Miyagi	LC386819	Ok11	N	560	M
BSKU 114949	Pacific coast of northern Japan	Miyagi	LC386820	Ok11	Y	536	F
BSKU 114950	Pacific coast of northern Japan	Miyagi	LC386821	Ok11	N	519	F
BSKU 114951	Pacific coast of northern Japan	Miyagi	LC386822	Ok11	N	507	F
BSKU 114952	Pacific coast of northern Japan	Miyagi	LC386823	Ok11	Y	544	M
BSKU 114953	Pacific coast of northern Japan	Miyagi	LC386824	Ok11	N	393	M
BSKU 114954	Pacific coast of northern Japan	Miyagi	LC386825	Ok11	N	556	F
BSKU 114955	Pacific coast of northern Japan	Miyagi	LC386826	Ok11	Y	478	M
BSKU 114967	Pacific coast of northern Japan	Miyagi	LC386827	Ok11	N	496	M
BSKU 114968	Pacific coast of northern Japan	Miyagi	LC386828	Ok11	N	502	F
BSKU 114969	Pacific coast of northern Japan	Miyagi	LC386829	Ok11	N	560	M
BSKU 114939	Pacific coast of northern Japan	Miyagi			Y	523	F
BSKU 115289	Pacific coast of northern Japan	Miyagi			Y	528	M
BSKU 115316	Pacific coast of northern Japan	Miyagi			Y	185	F
BSKU 115317	Pacific coast of northern Japan	Miyagi			Y	327	F
BSKU 115320	Pacific coast of northern Japan	Miyagi			Y	332	F
BSKU 115321	Pacific coast of northern Japan	Miyagi			Y	346	F

Table continued

Supplementary Table (continued)

Catalogue number	Region	Locality	Accession no.	Haplotype code	Morpho. comp.	TL (mm)	Sex
HUMZ 208694	Pacific coast of northern Japan	Miyagi			Y	161	M
FAKU 139467	Pacific coast of northern Japan	Iwate	LC386830	Ok11	Y	452	F
FAKU 139468	Pacific coast of northern Japan	Iwate	LC386831	Ok11	Y	494	F
FAKU 139469	Pacific coast of northern Japan	Iwate	LC386832	Ok1	Y	418	F
FAKU 139470	Pacific coast of northern Japan	Iwate	LC386833	Ok11	Y	454	M
FAKU 139471	Pacific coast of northern Japan	Iwate	LC386834	Ok11	Y	500	M
FAKU 139472	Pacific coast of northern Japan	Iwate	LC386835	Ok11	Y	489	M
FAKU 97514	Pacific coast of northern Japan	Iwate	LC386836	Ok1	N	-	F
FAKU 97515	Pacific coast of northern Japan	Iwate	LC386837	Ok11	N	-	F
FAKU 97516	Pacific coast of northern Japan	Iwate	LC386838	Ok1	N	-	-
FAKU 97517	Pacific coast of northern Japan	Iwate	LC386839	Ok11	N	-	F
FAKU 97518	Pacific coast of northern Japan	Iwate	LC386840	Ok1	N	-	M
FAKU 97519	Pacific coast of northern Japan	Iwate	LC386841	Ok11	N	-	-
FAKU 97520	Pacific coast of northern Japan	Iwate	LC386842	Ok1	N	-	M
FAKU 97568	Pacific coast of northern Japan	Iwate	LC386843	Ok11	N	-	F
FAKU 97569	Pacific coast of northern Japan	Iwate	LC386844	Ok11	N	-	F
BSKU 114965	Pacific coast of northern Japan	Aomori	LC386845	Ok1	N	489	F
FAKU 145194	Pacific coast of northern Japan	Aomori	LC386846	Ok11	Y	189	F