



Title	Application of next-generation sequencing to investigation of norovirus diversity in shellfish collected from two coastal sites in Japan from 2013 to 2014
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Supplemental table 1. List of primers to amplify the partial capsid N/S region of noroviruses.						
Genogroup			Sense	Sequence (5' - 3') ^{a), b)}	Product size (bp) ^{c)}	Reference
GI	1st PCR	COG1F	+	CGYTGG ATG CGN TTY CAT GA	381	Kageyama et al., 2003
		G1-SKR	-	CCA ACC CAR CCATTR TAC A		Yan et al., 2003
	2nd PCR	G1-SKF	+	[Adaptor-A] + CTG CCC GAA TTY GTA AAT GA	330	Kageyama et al., 2003
		G1-SKR	-	[Adaptor-B] + CCA ACC CAR CCA TTR TAC A		Yan et al., 2003
GII	1st PCR	COG2F	+	CAR GAR BCN ATG TTY AGRTGG ATG AG	387	Kageyama et al., 2003
		G2-SKR	-	CCR CCN GCA TRH CCR TTR TAC AT		Yan et al., 2003
	2nd PCR	G2-SKF	+	[Adaptor-A] +CNT GGG AGG GCG ATC GCA A	344	Yan et al., 2003
		G2-SKR	-	[Adaptor-B] + CCR CCN GCA TRH CCR TTR TAC AT		Yan et al., 2003
^{a)} Y = C + T; R = A + G; M = A + C; D = A + T + G; W = A + T						
^{b)} Sequence of [Adaptor-A] was 5'-AATGATACGGCGACCACCGAGATCTACACxxxxxxxACACTCTTCCCTACACGACGCTCTTCCGATCT-3'.						
Sequence of [Adaptor-B] was 5'-CAAGCAGAAGACGGCATAACGAGCATAACGAGATyyyyyyyGTGACTGGAGTTCAGGACGTGTGCTCTTCCGATCT-3' .						
Index (barcode) sequence to identify each sample was presented as xxxxxxxx/yyyyyyyyy in the adaptor.						
^{c)} Adaptor was not included in the product size.						

Supplemental table 2. Norovirus capsid sequences in this study.		
Genotype no.	Strain ID	GenBank no.
GI/1	Norwalk/68/US	M87661
GI/2	Southampton/91/UK	L07418
GI/3	DesertShield/90/US	U04469
GI/4	Chiba407/87/JP	AB042808
GI/5	Musgrove/89/UK	AJ277614
GI/6	Hesse(BS5)/98/GE	AF093797
GI/7	Winchester/94/UK	AJ277609
GI/8	WUGI/00/JP	AB081723
GI/9	SaitamaSzUGI/99/JP	AB039774
GI/10	Boxer/01/US	AF538679
GI/11	SaitamaKU8GI/99/JP	AB058547
GI/12	SaitamaKU19aGI/00/JP	AB058525
GI/13	SaitamaT35aGI/01/JP	AB112132
GI/14	SaitamaT25GI/01/JP	AB112100
GII/1	U07611	M87661
GII/2	X81879	L07418
GII/3	AB067542	U04469
GII/4	X86557	AB042808
GII/5	AJ277607	AJ277614
GII/6	AB039776	AF093797
GII/7	AJ277608	AJ277609
GII/8	AB067543	AF538679
GII/9	A Y054299	HQ637267
GII/10	A Y237415	U07611
GII/11	AB112221	X81879
GII/12	AB039775	U02030
GII/13	A Y130761	X76716
GII/14	AB078334	AJ277607
GII/15	AB058582	AJ277620
GII/16	AB112260	AJ277608
GII/17	AF195847	AF195848
GII/18	AB083780	A Y038599
GII/19	EF630529	AF427118