

Table S1: Characteristics and allelic profiles of *V. parahaemolyticus* strains included within this study.

id ^B	Origin			Allelic profile ^A			
	Country, Region	Year	Source ^C	Nucleotide	Peptide	ST	pST
816	Sri Lanka, Chillaw	2010	Prawn	11-75-64-50-26-7-50	2-1-1-1-1-1-1	409	2
817	Sri Lanka, Chillaw	2010	Prawn	11-75-64-50-26-7-50	2-1-1-1-1-1-1	409	2
794	Sri Lanka, Chillaw	2010	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
818	Sri Lanka, Chillaw	2010	Prawn	11-75-64-50-26-7-50	2-1-1-1-1-1-1	409	2
795	Sri Lanka, Chillaw	2010	Prawn	169-104-151-73-26-46-94	1-1-1-1-1-3-1	395	4
796	Sri Lanka, Chillaw	2010	Prawn	9- 213-165-185-2-46-1	2-1-1-1-2-3-1	396	20
791	Sri Lanka, Chillaw	2010	Prawn	9- 213-165-185-2-46-1	2-1-1-1-2-3-1	396	20
797	Sri Lanka, Chillaw	2010	Prawn	26- 218-124-94-23-119-13	1-1-1-1-1-1-1	397	1
819	Sri Lanka, Chillaw	2010	Prawn	26- 218-124-94-23-119-13	1-1-1-1-1-1-1	397	1
792	Sri Lanka, Chillaw	2010	Prawn	26- 218-124-94-23-119-13	1-1-1-1-1-1-1	397	1
798	Sri Lanka, Chillaw	2010	Prawn	165-22-70-177-39-11-115	1-1-1- 9 -1-1-1	398	85
820	Sri Lanka, Puttalam	2011	Prawn	153-191-70-19-23-8-1	1-1-1-1-1-1-1	355	1
821	Sri Lanka, Puttalam	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
822	Sri Lanka, Puttalam	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
799	Sri Lanka, Puttalam	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
823	Sri Lanka, Puttalam	2011	Prawn	153-58-70-19-23-8-1	1-1-1-1-1-1-1	410	1
914	Sri Lanka, Puttalam	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
800	Sri Lanka, Puttalam	2011	Prawn	153- 216-70-19-23-8-1	1-1-1-1-1-1-1	399	1
801	Sri Lanka, Puttalam	2011	Prawn	12- 208-159-133-28-128-86	2-1-1-1-1-1-1	400	2
824	Sri Lanka, Puttalam	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
802	Sri Lanka, Puttalam	2011	Prawn	112-217-145-178-111-160-116	1-1-1-1- 13 -1-1	401	69
825	Sri Lanka, Puttalam	2011	Prawn	26- 218-124-94-23-119-13	1-1-1-1-1-1-1	397	1
803	Sri Lanka, Puttalam	2011	Prawn	80-25- 160-179-26-10-117	1-1-1-1-1-1- 20	402	39
826	Sri Lanka, Puttalam	2011	Prawn	26- 218-124-94-23-119-13	1-1-1-1-1-1-1	397	1
804	Sri Lanka, Puttalam	2011	Prawn	167-25-25-91-18-57	2-1-1-1-1-1-1	403	2
827	Sri Lanka, Puttalam	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
915	Sri Lanka, Puttalam	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
828	Sri Lanka, Madurankuliya	2011	Prawn	169-104-151-73-26-46-94	1-1-1-1-1-3-1	395	4
916	Sri Lanka, Madurankuliya	2011	Prawn	26- 218-124-94-23-119-13	1-1-1-1-1-1-1	397	1
917	Sri Lanka, Madurankuliya	2011	Prawn	169-104-151-73-26-46-94	1-1-1-1-1-3-1	395	4
793	Sri Lanka, Madurankuliya	2011	Prawn	112-217-145-178-111-160-116	1-1-1-1- 13 -1-1	401	69
829	Sri Lanka, Puttalam	2011	Prawn	169-104-151-73-26-46-94	1-1-1-1-1-3-1	395	4
918	Sri Lanka, Madurankuliya	2011	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
919	Sri Lanka, Madurankuliya	2011	Prawn	26- 220-168-159-11-168-122	1-1-1-1-1-1-1	419	1
920	Sri Lanka, Madurankuliya	2011	Prawn	169-104-151-73-26-46-94	1-1-1-1-1-3-1	395	4
921	Sri Lanka, Madurankuliya	2011	Prawn	153-191-70-19-23-8-1	1-1-1-1-1-1-1	355	1
922	Sri Lanka, Puttalam	2011	Prawn	131-221-163-150-114-163-26	1-1-1-1-1-1-1	420	1
830	Sri Lanka, Puttalam	2011	Prawn	26- 218-124-94-23-119-13	1-1-1-1-1-1-1	397	1
923	Sri Lanka, Puttalam	2011	Prawn	153-191-70-19-23-8-1	1-1-1-1-1-1-1	355	1
924	Sri Lanka, Madurankuliya	2011	Prawn	153-191-70-19-23-8-1	1-1-1-1-1-1-1	355	1
925	Sri Lanka, Puttalam	2011	Prawn	11-117-123- 184-159-169-57	2-1-1-1- 34 -1-1	673	136
926	Sri Lanka, Madurankuliya	2011	Prawn	169-104-151-73-26-46-94	1-1-1-1-1-3-1	395	4
927	Sri Lanka, Madurankuliya	2011	Prawn	169-104-151-73-26-46-94	1-1-1-1-1-3-1	395	4
808	Pacific	2010	Mussel	5- 215-19-120-46-110-23	2-1-1-1-1-2-1	404	5
928	Thailand	2008	Prawn	5-84-115-74-63-159-84	2-1-1-1-1-1-1	392	2
929	Bangladesh	2008	Prawn	157-124-135-73-19- 170-123	1-1-1-1-1-1-1	422	1
930	Vietnam	2008	Prawn	51-4-77-67-60-8-24	2-1-1-1-1-1-1	423	2
931	India	2008	Prawn	170-224-75-139-117-18-124	1-1-1-1-1-1-1	424	1
1059	Indian Ocean	2008	Prawn	166-211-162-183-50-3-57	1-1-1-1-1-2-1	394	3
932	Bangladesh	2008	Prawn	121-50- 169-91-10-73-73	2-1-1-1-1-1-1	425	2
831	Thailand	2008	Prawn	55-15-31-55-18-58-46	1-1-1-1-1-5-1	114	10
933	Honduras	2008	Prawn	158- 223-75-12-26-171-125	2-1-1-1-1-1- 21	426	100
934	Honduras	2008	Prawn	33-87-24-5-10-5-1	1-1-1-1-1-1-1	246	1
935	Vietnam	2009	Prawn	171-222-113-126-4-62-23	2-1-1-1-1-1-1	428	2
832	Thailand	2009	Prawn	119-152-135-29-23-11-61	2-1-1-1-1-1-1	391	2
805	Bangladesh	2010	Prawn	33-22-24-5-10-5-1	1-1-1-1-1-1-1	56	1
833	Vietnam	2010	Prawn	2-113-72-94-26-83-23	1-1-1-1-1-2-1	411	3
810	Bangladesh	2011	Prawn	31-4-60- 180-31-62-120	1-1-1-1-1-1-2	405	6
812	Thailand	2011	Prawn	168-210-161-182-61-162-38	2-1-1-1-1-1-1	406	2
1046	Netherlands, North Sea	2011	Prawn	221-298-31-226-26-171-37	2-1-1-1-1-1-1	545	2
1047	Denmark	2011	Prawn	119-151- 197-79-4-205-105	2-1-1-1-1-1-1	537	2

id ^B	Origin			Allelic profile ^A			
	Country, Region	Year	Source ^C	Nucleotide	Peptide	ST	pST
1048	Denmark	2011	Prawn	119-151- 197 -79-4- 205 -105	2-1-1-1-1-1-1	537	2
1049	Denmark	2011	Prawn	119-151- 168 -201-4- 205 -105	2-1-1-1-1-1-1	538	2
813	Vietnam	2011	Prawn	102- 212 -91- 182 -61- 162 -38	2-1-1-1-1-1-1	407	2
814	China	2011	Prawn	111- 188-164 -149- 115-164-118	1-1-1-1-1- 36 -1	408	60
834	Vietnam	2011	Prawn	109-136-114-121-83-107-83	2-1-1-1-1-2-1	233	5
835	Ecuador	2011	Prawn	142-29-10-7-14-24-20	1-1-1-1-1-1-2	412	6
836	Bangladesh	2011	Prawn	35-154-25-50-73-35-23	1-1-1-1-1-4-1	253	11
837	Germany, Baltic Sea	2011	Water	3-2-82-50-4-78-66	2-1-1-1-1-1-1	121	2
838	Germany, Baltic Sea	2011	Seaweed	35-43-38-21-31-35-37	1-1-1-1-1-4-1	79	11
839	Germany, Baltic Sea	2011	Sand	3-2-82-50-4-78-66	2-1-1-1-1-1-1	121	2
840	Germany, Baltic Sea	2011	Water	3-2-82-50-4-78-66	2-1-1-1-1-1-1	121	2
841	Germany, Baltic Sea	2011	Water	3-2-82-50-4-78-66	2-1-1-1-1-1-1	121	2
1050	Ecuador	2011	Prawn	31- 299-198 -19-26- 206 -18	1-1-1-1-1-2-1	539	3
1051	Ecuador	2011	Prawn	42- 223 -31-12-26- 171 -57	2-1-1-1-1-1-1	540	2
1052	NE-Atlantic	2011	Prawn	17- 296 -13- 224 -95-31-26	1-1-1-1-1-1-1	541	1
1053	Netherlands, North Sea	2011	Prawn	175-16- 195-187 -31- 165 -17	1-1-1-1-1- 21 -1	542	54
1054	Ecuador, Machala	2012	Prawn	188-106- 199-225 -2-3-1	2-1-1-1-2-2-1	543	123
1055	Ecuador, Machala	2012	Prawn	42- 297-196 -19- 137-204 -57	2-1-1-1- 15 -1-1	544	129
1056	Ecuador, Machala	2012	Prawn	42- 297-196 -19- 137-204 -57	2-1-1-1- 15 -1-1	544	129
1137	Ecuador, Machala	2012	Prawn	111-7- 232 -12- 166-257-182	1-1-1-1- 35-3-24	718	79
1057	Ecuador, Machala	2012	Prawn	42- 223 -31-12-26- 171 -57	2-1-1-1-1-1-1	540	2
1138	Ecuador, Machala	2012	Prawn	58- 332 -10-8-28-33- 183	1-1-1-1-1-1-1	719	1
1139	Ecuador, Machala	2012	Prawn	236 -40-38-209-28-190-94	15 -1-1-3-1-18-1	720	164
1140	Ecuador, Machala	2012	Prawn	60-143- 233 -29-47-78-17	1-1-1-1-1-1-1	721	1
1141	Ecuador, Machala	2012	Prawn	26-16- 234 -7-18-32-7	1-1-1-1-1-1-1	722	1
1142	Ecuador, Balao	2012	Prawn	232-141-3-54-160- 258 -90	2-1-1-1-1-1-6	723	95
1143	Ecuador, Balao	2012	Prawn	42- 333 -74- 288 -24-171-13	2-1-1-1-1-1-1	724	2
1207	Ecuador, Machala	2012	Prawn	28-84-217- 290 -28- 260-184	1-1-1-1-1-1- 25	756	41
1145	Ecuador, Machala	2012	Prawn	26-16- 234 -7-18-32-7	1-1-1-1-1-1-1	722	1
1146	Ecuador, Machala	2012	Prawn	26-16- 234 -7-18-32-7	1-1-1-1-1-1-1	722	1
1147	Ecuador, Machala	2012	Prawn	47- 335 -61- 289 -114-78-26	1-1-1-1-1-1-1	725	1
1149	Ecuador, Machala	2012	Prawn	170-224 -75-139- 117-18-124	1-1-1-1-1-1-1	424	1
1148	Ecuador, Machala	2012	Prawn	31- 334 -3-55-4- 259 -23	1-1-1-1-1-3-1	755	4
1150	Ecuador, Guayaquil	2012	Prawn	26-16- 234 -7-18-32-7	1-1-1-1-1-1-1	722	1
1151	Ecuador, Guayaquil	2012	Prawn	237 -165-98- 291-167 -11-77	1-1-1-1-1-1-1	726	1
1152	Ecuador, Guayaquil	2012	Prawn	31-115-200-12- 168 -91-68	1-1-1-1-1-12-1	727	17
1153	Ecuador, Guayaquil	2012	Prawn	31-115-200-12- 168 -91-68	1-1-1-1-1-12-1	727	17
1154	Ecuador, Guayaquil	2012	Prawn	28-84-217- 290 -28- 260-184	1-1-1-1-1-1- 25	756	41
1155	Ecuador, Guayaquil	2012	Prawn	5-25-19-61-4-11-24	2-1-1-1-1-1-1	430	2
1156	Ecuador, Guayaquil	2012	Prawn	25-322-13-282-33-32-2	1-1-1-1-1-1-1	711	1
1157	Ecuador, Guayaquil	2012	Prawn	196-84-80-124-128-158-12	2-1-1-1-1-14-1	757	29
1158	Ecuador, Guayaquil	2012	Prawn	26-16- 234 -7-18-32-7	1-1-1-1-1-1-1	722	1
1159	Ecuador, Guayaquil	2012	Prawn	232-56-3-23-56-11-36	2-1-1-1-4-1-1	728	14
1211	Germany, North Sea	2011	Water	238 -106-75-123-30-11-46	9 -1-1-1-1-1-1	758	158
1212	Germany, North Sea	2011	Water	239 -16-13-8-49- 261 -23	4-1-1-1-1-1-1	759	151
1213	Germany, North Sea	2011	Water	142-16-10-7-14-24-20	1-1-1-1-1-1-2	760	6
1214	Germany, Baltic Sea	2011	Water	4-13-11-91-18-9-23	2-1-1-1-1-7-1	481	19
1215	Germany, Baltic Sea	2011	Water	4-13-11-91-18-9-23	2-1-1-1-1-7-1	481	19
1216	Germany, Baltic Sea	2011	Water	47-52-19-287-24-43-37	1-1-1-1-1-1-1	761	1
1217	Germany, Baltic Sea	2011	Water	240-337-240 -19- 169-262-185	4-1-1-1-1-6-1	762	152
1218	Germany, Baltic Sea	2011	Water	33-280- 239-292 -23- 263 -83	1-1-1-1-1-1-1	763	1
1219	Germany, North Sea	2011	Water	142-16-10-7-14-24-20	1-1-1-1-1-1-2	760	6
1220	Germany, North Sea	2011	Water	142-16-10-7-14-24-20	1-1-1-1-1-1-2	760	6
1221	Germany, North Sea	2011	Water	27-327-13-23-33-32-2	1-1-1-1-1-1-1	764	1
1222	Denmark, North Sea	2011	Phytopl.	27-327-13-23-33-32-2	1-1-1-1-1-1-1	764	1
1223	Denmark, Skagerrak	2011	Water	61-117-35-19-26-92- 186	1-1-1-1-1-13-1	765	48
1224	Denmark, Kattegat	2011	Water	26-330-223- 293 -28- 264 -104	1-1-1-1-1-2-1	774	3
1225	Denmark, Kattegat	2011	Zoopl.	22- 338-241 -205-4- 265 -86	2-1-1-1-1- 41 -1	766	119
1226	Denmark, Kattegat	2011	Phytopl.	111-239-205-195-28-46-23	1-1-1-1-1-3-1	767	4
1227	Germany, Baltic Sea	2011	Water	29- 339 -75-123-30-18-46	1-1-1-1-1-1-1	768	1
1228	Germany, Baltic Sea	2011	Zoopl.	17-16-13-7-24-16-20	1-1-1-1-1-1-2	28	6
1229	Germany, Baltic Sea	2011	Sediment	196-84-80- 294-170 -158-12	2-1-1-1-1-14-1	769	29
1230	Germany, Baltic Sea	2011	Water	4-13-11-91-18-9-23	2-1-1-1-1-7-1	481	19
1231	Germany, Baltic Sea	2011	Water	97-287-150-243-142-229- 187	2-1-1-1-1-1-1	770	2

id ^B	Origin			Allelic profile ^A			
	Country, Region	Year	Source ^C	Nucleotide	Peptide	ST	pST
1232	Germany, Baltic Sea	2011	Phytopl.	20- 296 -3-187-26-6-2	1-1-1-1-1-5-1	771	10
1233	Germany, Baltic Sea	2011	Water	47-58-53-19-50-37-26	1-1-1-1-1-2-1	162	3
1234	Germany, Baltic Sea	2011	Water	17- 340 -6- 295 -94-23-7	1-1-1-1-1-1-1	773	1
1235	Germany, Baltic Sea	2011	Water	4-13-11-91-18-9-23	2-1-1-1-1-7-1	481	19
1236	Germany, North Sea	2011	Water	238 -106-75-123-30-11-46	9 -1-1-1-1-1-1	758	158

Numbers in bold in the allelic profile, ST and pST correspond to sequences or types newly described.

^A Allelic profile on basis of nucleotide and peptide sequences. Order of fragments: *dnaE*, *gyrB*, *recA*, *dtdS*, *pntA*, *pyrC*, *tnaA* and p_*dnaE*, p_*gyrB*, p_*recA*, p_*dtdS*, p_*pntA*, p_*pyrC*, p_*tnaA*.

^B id of the isolate as assigned by the pubMLST database after submission

^C Phytopl. = Phytoplankton, Zoopl. = Zooplankton