

Table S1. *Vibrio* spp. strains used for *dnaJ* and 16S *rRNA* genes phylogenetic evaluation.

Accession Number	Scientific Name	Strain	Host / Isolation source	Country	16S Identity (%)	<i>dnaJ</i> Identity (%)
CP044069.1	<i>Vibrio vulnificus</i>	FDAARGOS_663	<i>Homo sapiens</i>	USA	99.71	98,76
CP012881.1	<i>Vibrio vulnificus</i>	ATCC_27562	<i>Homo sapiens</i>	USA	99.71	98,76
CP016321.1	<i>Vibrio vulnificus</i>	FORC_037	<i>Mya arenaria oonogai</i> <i>Makiyama</i>	South Korea	99.71	98,76
CP019121.1	<i>Vibrio vulnificus</i>	FORC_054	<i>Konosirus punctatus</i>	South Korea	99.71	98,62
CP060047.1	<i>Vibrio vulnificus</i>	2497-87	<i>Homo sapiens</i>	USA	99.71	98,35
CP014636.1	<i>Vibrio vulnificus</i>	CECT_4999	<i>Anguilla anguilla</i>	Spain	99.71	98,21
JADIXT000000000.2	<i>Vibrio vulnificus</i>	Vv5	<i>Oreochromis niloticus</i> .	Easter Mediterranean	99.21	98,07
JADIXU000000000	<i>Vibrio vulnificus</i>	Vv3	<i>Oreochromis niloticus</i> .	Easter Mediterranean	Not disponible*	98,07
JADIXV000000000.1	<i>Vibrio vulnificus</i>	TI417	<i>Oreochromis niloticus</i> .	Easter Mediterranean	Not disponible*	98,07
CP017635.1	<i>Vibrio vulnificus</i>	Env1	Oyster/Environment	USA	99.71	97,94
CP002469.1	<i>Vibrio vulnificus</i>	MO6-24/O	<i>Homo sapiens</i>	No information	98.57	97,25
CP015512.1	<i>Vibrio vulnificus</i>	FORC_036	<i>Macraa veneriformis</i>	South Korea	98.86	96,29
CP009984.1	<i>Vibrio vulnificus</i>	FORC_009	<i>Homo sapiens</i>	South Korea	98.86	95,19
CP011775.1	<i>Vibrio vulnificus</i>	FORC_016	<i>Homo sapiens</i>	South Korea	98.86	95,19
CP044206.1	<i>Vibrio vulnificus</i>	Vv180806	<i>Homo sapiens</i>	China	98.57	94,91
CP027030.1	<i>Vibrio vulnificus</i>	FORC_077	<i>Homo sapiens</i>	South Korea	98.57	94,77
CP012739.1	<i>Vibrio vulnificus</i>	FORC_017	<i>Homo sapiens</i>	South Korea	98.86	94,5
AE016795.3	<i>Vibrio vulnificus</i>	CMCP6	<i>Homo sapiens</i>	USA	98.86	94,36
CP009261.1	<i>Vibrio vulnificus</i>	93U204	<i>Oreochromis sp.</i>	Taiwan	98.86	93,81
CP014049.2	<i>Vibrio vulnificus</i>	FDAARGOS_119	<i>Homo sapiens</i>	USA	98.86	92,98
AP026552.1	<i>Vibrio vulnificus</i>	VV20-8B-2	<i>Penaeus vannamei</i>	Japan	98.86	92,98
CP019290.1	<i>Vibrio vulnificus</i>	FORC_053	<i>Macraa quadrangularis</i>	South Korea	98.86	92,98
CP019320.1	<i>Vibrio vulnificus</i>	VV2014DJH	<i>Homo sapiens</i>	China	98.86	92,98
BA000037.2	<i>Vibrio vulnificus</i>	YJ016	<i>Homo sapiens</i>	Taiwan	98.78	92,98

CP053541.1	<i>Vibrio europaeus</i>	NPI-1	<i>Argopecten purpuratus</i>	Chile	97.20	85,28
CP085843.1	<i>Vibrio diabolicus</i>	NV27	<i>Macrura veneriformis</i>	China	98.31	84,87
CP001805.1	<i>Vibrio antiquarius</i>	EX25	<i>Hydrothermal vent</i>	No information	97.65	84,87
AP022865.1	<i>Vibrio alginolyticus</i>	YM4	Environment	Japan	97.72	84,59
AP019798.1	<i>Vibrio rotiferianus</i>	AM7	Abalone shell	Japan	97.35	84,18
CP096199.1	<i>Vibrio sinaloensis</i>	YA2	Aquaculture ponds	China	96.77	84,04
CP053794.1	<i>Vibrio cholerae</i>	W10G	Water	USA	94.59	83,63

* Partial gene with Query Cover <96% were not considered for phylogenetic analysis.