

Table S1. Primer sequences used for detection of virulence genes of suspected *Vibrio* sp. QX17 strain

Virulence gene	Primer	Sequence (5'–3')	Annealing temp. (°C)	Amplicon size (bp)
<i>Asp</i>	F	GCATGGTACTCACGTAGCGG	56	146
	R	CTTTCACAAGACCAGAAGAGTAACC		
<i>Collagenase-VA</i>	F	GTACTACGACATTGGCGAAGG	54	591
	R	CCCGACCATACATTTTCATACTG		
<i>Collagenase-VP</i>	F	GAAAGTTGAACATCATCAGCACGA	54	271
	R	GGTCAGAATCAAACGCCG		
<i>Fla</i>	F	AATCAATGGAGCGTTTGTCTTC	51	253
	R	GCTACACGTTCTGCTTTTGAGTTAG		
<i>Fur</i>	F	ATTAACCCTTTGAAGTTCGTGG	51	111
	R	TGACATATACTTCCCGTTGGATC		
<i>OmpA</i>	F	TCGTGTCACCAAGTGTTCG	52	213
	R	CGTGGCTGAATGGTGTTC		
<i>Tdh</i>	F	ATAAAGACTATACAATGGCAGCGG	54	138
	R	GAATAGAACCTTCATCTTCACCAAC		
<i>Tlh</i>	F	CGAACGAGAACGCAGACATT	52	108
	R	CTTTGTTGATTTGATCTGGCTG		
<i>ToxR</i>	F	GGATTCAACCAAATCTCCAGAGT	53	434
	R	GCTCAATAGAAGGCAACCAGTT		
<i>ToxS-A</i>	F	GCCGTATCTATCCTTTTCAGTGG	55	228
	R	GCCTTGTGCGAACAGTTTG		
<i>Trh</i>	F	GCCTTTCAACGGTCTTCACAA	52	179
	R	TAACAAACATATGCCCATTTCCG		
<i>UreR</i>	F	AATGAGTCTGGAGTGGATGTGC	55	320
	R	TTGCGTTTGAAAGCGTCG		
<i>Hcp</i>	F	TCAGCCTACTGGTCAACGTG	54	250
	R	TTCGATTGCACGGTAAGTCA		
<i>Pap6</i>	F	CATGCCATGGATGCGAAACGTCACTTTA	60	2031
	R	CGGGATCCATAGTCGTTACAGCTGCCTT		
<i>ToxS-H</i>	F	CCACTGGCGGACAAAATAACC	54	640
	R	AACAGTACCGTAGAACCGTGA		
<i>Vh1</i>	F	CGGTGCTGGAGACGATATTT	52	340
	R	CGGTGCTGGAGACGATATTT		
<i>Vh2</i>	F	TCCGTGACGAGTTGAGTCTG	54	340
	R	CATCAATCACATCCGCAAAG		
<i>Vh3</i>	F	AAACGTTTCATCGCTCTGCTT	50	437
	R	TAGCGCAGCATAACCATCTG		
<i>Vh4</i>	F	AAAAGTCACCTCGGTTGGTG	52	443
	R	GCGTACCATCGATCAGGACT		
<i>Zot</i>	F	AATTCTGTCGTGGGTTCTGG	52	279
	R	AGACAGCTGGACAAGGCAGT		