

Locus	Primer name	Primer sequence	Length (bp)	PCR cycling	Reference
<i>atpA</i>	1F*	CTDAATTCHACNGAAATYAGY	1322	5 min 95°C 3 x (45s 95°C, 2 min 55°C, 1 min 72°C) 30x (20 s 95°C, 1 min 55°C, 1 min 72°C) 7 min 72°C.	Thompson <i>et al.</i> , 2007
	2F	GCNATGGGBGAATAYTTCCG			
	3R	CGGAARTATTCVCCCATNGC			
	4R*	TTACCARGWYTGGGTTGC			
	5R	GCHAGHGCDGTACGRATACC			
	6F	AGCGAWCTRATYAARCARCG			
<i>fstZ</i>	75F	GCTGTTGAACACATGGTACG	750	5 min 94 °C, 30 x (1 min 94 °C, 1min 50.5 °C, 1 min 72 °C), 7 min 72 °C	Sawabe <i>et al.</i> , 2007
	800R	GCACCAGCAAGATCGATATC			
<i>gapA</i>	150F	AACTCACGGTCGTTTCAAC	750	5 min 94°C 30x (1 min 94°C, 1 min 55°C, 1 min 72°C) 10 min 72°C.	Sawabe <i>et al.</i> , 2007
	899R	CGTTGTCGTACCAAGATAC			
Y-HSP60	YHSP60-1	GACGTNGTAGAAGGTATGYAG	635	5 min 94 °C, 35 x (45 s 94 °C, 45 s 48 °C, 1 min 72 °C), 5 min 72 °C	Kotetishvili <i>et al.</i> , 2005
	YHSP60-2	CGCCGCCAGCCAGTTTAGC			
<i>pyrH</i>	4F	ATGASNACBAAAYCCWAAACC	599	5 min 95°C 3 x (1 min 95°C, 2 min 15 s 50°C, 1 min 15 s 72°C) 30x (35 s 95°C, 1 min 45 s 50°C, 1 min 15 s 72°C) 7 min 72°C.	Thompson <i>et al.</i> , 2005
	2R	GTRAABGCNGMYARRTCCA			
<i>rctB</i>	rctBs	ATHGARTTYACNGAYTTYCARYTNCAI	610	5 min 95°C 3 x (1 min 95°C, 2 min 15 s 55°C, 1 min 15 s 72°C) 30x (35 s 95°C, 1 min 45 s 55°C, 1 min 15 s 72°C) 7	Pascual <i>et al.</i> , 2010
	rctBas	YTTNCTYTGHATNGGYTCRAAYTCNCC RTC			

				min 72°C.	
recA	1F*	TGARAARCARTTYGGTAAAGG			
	2R*	RTCRCNTRTAGCTRACC	783	5 min 95°C 3 x (45s 95°C, 2 min 55°C, 1 min 72°C) 30x	Thompson <i>et al.</i> , 2004
	3F	FTYGGGBTGATGTTYGGTAACC		(20 s 95°C, 1 min 55°C, 1 min 72°C) 7 min 72°C.	
	4R	GGTTACCRAACATCACVCC			
rpoA	1F*	ATGCAGGGTTCTGTDACAG			
	3R*	GHGGCCARTTTTCHARRCGC	931	5 min 95°C 30x (1 min 95°C, 2 min 15 s 55°C, 1 min 15s 72°C) 7 min 72°C.	Thompson <i>et al.</i> , 2005
	5F	GCAGCDCGTGTWGARCRCG			
	6R	RCGYTGYTCWACACGHGCTGC			
rpoD	70F	ACGACTGACCCGGTACGCATGTAYATG MGNGARATGGGNACNGT	780	5 min 95°C, 30x (1 min 94°C, 45s 59°C, 2 min 72°C) 10 min 72°C	Pascual <i>et al.</i> , 2010
	70R	ATAGAAATAACCAGACGTAAGTTNGC YTCNACCATYTCYTTYTT			
topA	400F	GAGATCATCGGTGGTGATG			
	1200R	GAAGGACGAATCGCTTCGTG	800	5 min 95°C, 30x (1 min 95°C, 45s 50°C, 1 min 72°C) 10 min 72°C.	Sawabe <i>et al.</i> , 2007

(*): Indicates that those are the primers used for amplify the gene. The other primers corresponding to this particular gene were internal, used to sequence the gene.

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Thompson CC, Thompson FL, Vandemeulebroecke K, Hoste B, Dawyndt P and Swings J (2004) Use of recA as an alternative phylogenetic marker in the family *Vibrionaceae*. *Int J Syst Evol Microbiol* 54: 919-929.

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