

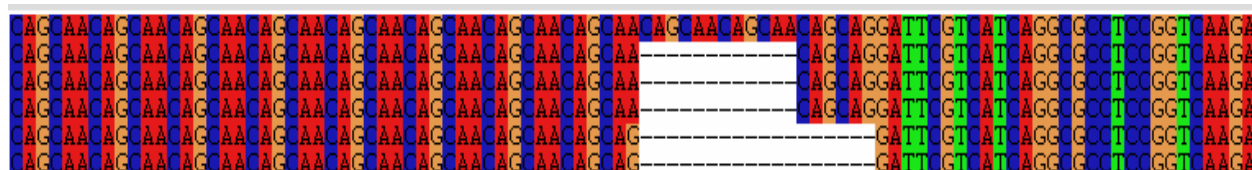
Technical Appendix

Primers for 5 variable number of tandem repeat loci in *Vibrio cholera*:







Gene	Basepair	Primer (5' → 3')
VC0147	136981	TTGTCATGGCTTGGATTTGG
	137461	TGTCGATCACCAATGGCTGC
VC0436-7	466861	CGTGGTACTAAGTTCCACGC
	467401	CGTTTTTACCACGCTCCGCTTC
VC1650	1778221	CTACCAAGCGGCGGTTAAGCTG
	1778701	TGGGCAACCTGCTGGTAGC
VCA0171	187561	GCATCATCCACAGCGTTTGG
	188101	GCTGAAGCCTTTCGCGATCC
VCA0283	303781	GTACATTACAATTTGCTCACCC
	304201	ACTTCAAACACTATTGCGCAC

Standard conditions were a 30- μ L reaction containing 100 μ mol/L of each dNTP, 1.5 mmol/L MgCl₂, 1 \times PCR buffer (Invitrogen, Carlsbad, CA, USA), and 1 unit of Taq DNA polymerase (Invitrogen); cycling was 30 times at 95°C for 30 s, annealing (at 50°C or 55°C) for 30 s and 72°C for 30 s.


ClustalX (*1*) alignment of 6 sequences derived from *Vibrio cholerae* isolates to determine distinct alleles. Each row represents a single isolate. Each base is a different color. The repeating unit is the hexamer: AACAGC. The dashes mark bases missing relative to the longest repeat in the first row.



Distribution of sequence types by serotype and source in Bakerganj and Mathbaria. For each sequence type, the source is indicated by a C for clinical or an E for environmental, the number of isolates follows after n=, and the month(s) when it was isolated. The arrows indicate sequence types found at both locales, while the barbells indicate sequence types found in both clinical and environmental samples within a locale.

	Bakerganj	Mathbaria
O1 Inaba	 C 3,5,2,20,7 n=1 Apr-04	C 3,5,2,2,14 n=3 Apr 04
	C 3,5,2,1,7 n=1 Apr-04	C 2,5,2,2,6 n=6 Apr May 04
	C 3,5,2,2,6 n=2 Jun-04	C 5,5,2,2,6 n=3 Apr May 04
	E 3,4,2,1,12 n=13 Sep 04	C 3,5,2,2,16 n=4 Apr May 04
	E 3,5,2,15,12 n=1 Sep 04	C 3,5,2,2,7 n=1 May 04 
	E 3,5,2,20,12 n=1 Sep 04	C 2,5,2,18,6 n=1 May 04
	E 2,5,6,15,12 n=1 Sep 04	C 2,5,2,17,6 n=1 May 04
	C 3,5,2,1,6 n=5 Sep Oct Nov 04	E 3,5,2,2,7 n=12 Dec 04 
	C 3,5,2,1,8 n=1 Oct 04	
	C 3,5,2,1,5 n=5 Oct 04	
	C 5,5,2,16,5 n=1 Oct 04	
	E 3,5,2,1,5 n=2 Nov 04	
	C 4,5,2,3,6 n=2 Dec 04	
	C 3,5,2,3,6 n=1 Dec 04	
	C 3,5,2,3,7 n=1 Dec 04	
E 3,5,2,2,7 n=7 Feb-04 Apr 05 		
E 3,5,2,2,6 n=1 Apr 05		
O1 Ogawa	C 1,1,3,8,8 n=1 Jul 04	C 4,2,2,7,6 n=1 Apr 04
	C 1,1,3,9,8 n=4 Jul Aug Oct 04 	C 5,2,3,10,8 n=1 Apr 04
	C 6,1,3,8,8 n=2 Dec 04	C 1,1,3,9,8 n=1 Apr 04 
	C 2,1,3,7,8 n=1 Dec 04	C 2,1,4,10,4 n=1 Apr 04
	C 2,1,3,8,7 n=1 Dec 04	C 5,1,4,10,4 n=1 Apr 04
	C 5,1,3,8,8 n=1 Dec 04	C 1,1,3,6,7 n=2 Nov 04
	E 2,1,3,8,8 n=1 Dec 04 Apr 05	
O139	None	E 4,1,1,1,1 n=5 Mar Jul Sep 04
		E 4,1,1,2,1 n=17 Sep 04 Apr 05
		E 4,1,1,2,8 n=1 Apr 05

C: clinical isolate; **E**: environmental isolate

 : indicates genotypes are found in both clinical and environmental isolates

 : indicates genotypes found in both Bakerganj and Mathbaria