

Table S1. Summary of the Chesapeake and Delaware Bay samples that were sequenced after gp23 PCR and RAPD-PCR. **Abbreviations: +, Positive amplification; ND, not determined; F, failed to amplify; NS, Not sequenced**

Cruise Date	Station	PFGE band	Genome size (Kb)	gp23 PCR	RAPD-PCR	Sequence name	Clone number	Geographic location	Latitude	Longitude	Temperature	Salinity
Mar-06	CB707	1	63.5	+	ND	Mar06_CB707_1_3A	3A	Chesapeake Bay	37.11717	-76.1183	10.103	23.4152
Mar-06	CB707	1	63.5	+	-	Mar06_CB707_1_3B	3B	Chesapeake Bay				
Mar-06	CB707	1	63.5	+	-	Mar06_CB707_1_3C	3C	Chesapeake Bay				
Mar-06	CB707	1	63.5	+	-	Mar06_CB707_1_3D	3D	Chesapeake Bay				
Mar-06	CB707	1	63.5	+	-	Mar06_CB707_1_3E	3E	Chesapeake Bay				
Mar-06	CB858	2	33.5	+	ND	Mar06_CB858_2_9A	9A	Chesapeake Bay	38.96183	-76.3855	8.4693	10.4169
Mar-06	CB858	2	33.5	+	-	Mar06_CB858_2_9B	9B	Chesapeake Bay				
Mar-06	CB858	2	33.5	+	-	Mar06_CB858_2_9C	9C	Chesapeake Bay				
Mar-06	CB858	2	33.5	+	-	Mar06_CB858_2_9D	9D	Chesapeake Bay				
Mar-06	CB858	2	33.5	+	-	Mar06_CB858_2_9E	9E	Chesapeake Bay				
Jun-06	CB707	1	242	+	+	June06_CB707_1_1A,2B	1A, 2B	Chesapeake Bay	37.07	-76.06	21.7	23.3
Jun-06	CB707	1	242	+	-	June06_CB707_1_1B	1B	Chesapeake Bay				
Jun-06	CB707	1	242	+	-	June06_CB707_1_1C	1C	Chesapeake Bay				
Jun-06	CB707	1	242	+	-	June06_CB707_1_2A,3A	2A, 3A	Chesapeake Bay				
Jun-06	CB707	1	242	+	-	June06_CB707_1_2C	2C	Chesapeake Bay				
Jun-06	CB707	1	242	+	-	June06_CB707_1_2E	2E	Chesapeake Bay				
Jun-06	CB707	1	242	+	-	June06_CB707_1_3B,3D,2D	3B,3D,2D	Chesapeake Bay				
Jun-06	CB707	1	242	+	-	June06_CB707_1_3C	3C	Chesapeake Bay				
Jun-06	CB707	1	242	+	-	June06_CB707_1_3E	3E	Chesapeake Bay				
Jun-06	CB707	2	242	+	+	June06_CB707_2_4A	4A	Chesapeake Bay				
Jun-06	CB707	2	242	+	-	June06_CB707_2_4B	4B	Chesapeake Bay				
Jun-06	CB707	2	242	+	-	June06_CB707_2_4C,4D	4C, 4D	Chesapeake Bay				
Jun-06	CB707	2	242	+	-	June06_CB707_2_4E	4E	Chesapeake Bay				
Jun-06	CB707	2	242	+	-	June06_CB707_2_13A	13A	Chesapeake Bay				
Jun-06	CB707	4	63.5	+	+	June06_CB707_4_14A	14A	Chesapeake Bay				
Jun-06	CB707	5	48.5	+	+	June06_CB707_5_16A	16A	Chesapeake Bay				
Jun-06	CB858	7	242	+	+	June06_CB858_7_19A,19B	19A, 19B	Chesapeake Bay	38.96	-76.38	20.5	10.6
Jun-06	CB858	8	242	+	+	June06_CB858_8_21A,21B	21A, 21B	Chesapeake Bay				

Cruise Date	Station	PFGE band	Genome size (Kb)	gp23 PCR	RAPD-PCR	Sequence name	Clone number	Geographic location	Latitude	Longitude	Temperature	Salinity
Jun-06	CB858	9	242	+	+	June06_CB858_9_23A,23B	23A, 23B	Chesapeake Bay				
Jun-06	CB858	9	242	+	-	June06_CB858_9_23C	23C	Chesapeake Bay				
Jun-06	CB858	10	194	+	+	June06_CB858_10_25A,25B	25A, 25B	Chesapeake Bay				
Jun-06	CB858	10	194	+	-	June06_CB858_10_25C	25C	Chesapeake Bay				
Jun-06	CB858	11	63.5	+	+	June06_CB858_11_28A,28B,29C	28A, 28B, 29C	Chesapeake Bay				
Jun-06	CB858	13	48.5	+	+	June06_CB858_13_33A,33B	33A,33B	Chesapeake Bay				
Jun-06	DB21	14	48.5	+	+	June06_DB21_14_34A	34A	Delaware Bay	39.17	-75.22	21.3	16.2
Jun-06	DB21	14	48.5	+	+	June06_DB21_14_34B,34C	34B, 34C	Delaware Bay				
Jun-06	DB21	15	33.5	+	+	June06_DB21_15_35A	35A	Delaware Bay				
Jul-06	CB858	1	242	+	ND	July06_CB858_1_6A	6A	Chesapeake Bay	38.58	-76.23	26.85	6.3
Jul-06	CB858	1	242	+	-	July06_CB858_1_6B	6B	Chesapeake Bay				
Jul-06	CB858	1	242	+	-	July06_CB858_1_6C	6C	Chesapeake Bay				
Jul-06	CB858	1	242	+	-	July06_CB858_1_6D	6D	Chesapeake Bay				
Jul-06	CB858	2	33.5	+	+	July06_CB858_2_1A	1A	Chesapeake Bay				
Jul-06	CB858	2	33.5	+	-	July06_CB858_2_1B	1B	Chesapeake Bay				
Jul-06	CB858	2	33.5	+	-	July06_CB858_2_1C	1C	Chesapeake Bay				
Jul-06	CB858	2	33.5	+	-	July06_CB858_2_1D	1D	Chesapeake Bay				
Jul-06	CB804	3	194	+	+	July06_CB804_3_8A	8A	Chesapeake Bay	38.04	-76.13	28	11.6
Jul-06	CB804	3	194	+	-	July06_CB804_3_8C	8C	Chesapeake Bay				
Jul-06	CB804	3	194	+	-	July06_CB804_3_8D	8D	Chesapeake Bay				
Jul-06	CB804	3	194	+	-	July06_CB804_3_8E	8E	Chesapeake Bay				
Jul-06	CB804	4	112	+	ND	July06_CB804_4_10A	10A	Chesapeake Bay				
Jul-06	CB804	4	112	+	-	July06_CB804_4_10B	10B	Chesapeake Bay				
Jul-06	CB804	4	112	+	-	July06_CB804_4_10C	10C	Chesapeake Bay				
Jul-06	CB804	4	112	+	-	July06_CB804_4_10D	10D	Chesapeake Bay				
Jul-06	CB804	4	112	+	-	July06_CB804_4_10E	10E	Chesapeake Bay				
Jul-06	CB707	5	242	+	ND	July06_CB707_5_5A	5A	Chesapeake Bay	37.07	-76.07	25.5	24.7

Cruise Date	Station	PFGE band	Genome size (Kb)	gp23 PCR	RAPD-PCR	Sequence name	Clone number	Geographic location	Latitude	Longitude	Temperature	Salinity
Jul-06	CB707	5	242	+	-	July06_CB707_5_5B	5B	Chesapeake Bay				
Jul-06	CB707	5	242	+	-	July06_CB707_5_5C	5C	Chesapeake Bay				
Jul-06	CB707	5	242	+	-	July06_CB707_5_5D	5D	Chesapeake Bay				
Jul-06	CB707	6	63.5	+	+	July06_CB707_6_4A	4A	Chesapeake Bay				
Jul-06	CB707	6	63.5	+	-	July06_CB707_6_4D	4D	Chesapeake Bay				
Jul-06	CB707	6	63.5	+	-	July06_CB707_6_4E	4E	Chesapeake Bay				
Jul-06	CB858	7	63.5	+	+	NS		Chesapeake Bay				
Jul-06	CB804	8	63.5	+	+	NS		Chesapeake Bay				
Jul-06	CB804	9	242	+	+	NS		Chesapeake Bay				
Nov-06	CB804	1	194	+	+	Nov06_CB804_1_7A	7A	Chesapeake Bay	38.04	-76.13	13.75	16.5
Nov-06	CB804	1	194	+	-	Nov06_CB804_1_7C	7C	Chesapeake Bay				
Nov-06	CB804	1	194	+	-	Nov06_CB804_1_7D	7D	Chesapeake Bay				
Nov-06	CB804	1	194	+	-	Nov06_CB804_1_7E	7E	Chesapeake Bay				
Nov-06	CB804	2	112	+	ND	Nov06_CB804_2_2A	2A	Chesapeake Bay				
Nov-06	CB804	2	112	+	-	Nov06_CB804_2_2B	2B	Chesapeake Bay				
Nov-06	CB804	2	112	+	-	Nov06_CB804_2_2C	2C	Chesapeake Bay				
Nov-06	CB804	2	112	+	-	Nov06_CB804_2_2D	2D	Chesapeake Bay				
Nov-06	CB804	2	112	+	-	Nov06_CB804_2_2E	2E	Chesapeake Bay				
Nov-06	CB858	3	33.5	F	+	-		Chesapeake Bay				
Nov-06	CB858	4	63.5	F	+	-		Chesapeake Bay				
Nov-06	CB804	5	63.5	F	+	-		Chesapeake Bay				
Nov-06	CB707	6	63.5	F	+	-		Chesapeake Bay				
Nov-06	CB804	7	242	+	+	NS		Chesapeake Bay				
Feb-07	CB858	1	33.5	F	+	-		Chesapeake Bay				
Feb-07	CB858	2	63.5	F	+	-		Chesapeake Bay				
Feb-07	CB804	3	63.5	F	+	-		Chesapeake Bay				
Feb-07	CB707	4	63.5	F	+	-		Chesapeake Bay				
Jul-07	CB858	1	33.5	F	+	-		Chesapeake Bay				
Jul-07	CB858	2	63.5	F	+	-		Chesapeake Bay				