

APPENDIX 1: predicted CDSs and their protein similarities in the *C. jejuni* strain 81-176 plasmid pVir

Locus_id	length	Putative function	Informative database match	Organism with match	SWALL	E-value	id
pVir1	373	Unknown	-	-			
pVir2	292	Unknown	-	-			
pVir3	260	Unknown	TrbM	<i>E. coli</i>	Q03537	5.1e-11	31.84
pVir4	239	Unknown	-	-			
pVir5	417	Unknown	Hypothetical Hp0444	<i>H. pylori</i>	O25192	4.3e-12	32.54
pVir6	142	Unknown	-	-			
pVir7	114	Unknown	-	-			
pVir8	102	Unknown	-	-			
pVir9	73	Unknown	-	-			
pVir10	131	Unknown	-	-			
pVir11	136	Unknown	-	-			
pVir12	143	Unknown	-	-			
pVir13	61	Unknown	-	-			
pVir14	56	Unknown	-	-			
pVir15	42	Unknown	-	-			
pVir16c	66	Unknown	-	-			
pVir17	121	Unknown	-	-			
pVir18	111	Unknown	-	-			
pVir19	120	Unknown	-	-			
pVir20	134	Unknown	-	-			
pVir21	130	Periplasmic protein	Cj1456c	<i>C. jejuni</i>	Q9PMK4	4.6e-31	90.38
pVir22c	523	Unknown	Hypothetical jhp0942	<i>H. pylori</i>	Q9ZKJ3	7.3e-13	28.06
pVir23c	82	Unknown	-	-			
pVir24	101	Unknown	-	-			
pVir25	80	Unknown	Hypothetical Hp0042	<i>H. pylori</i>	O25190	2.6e-03	35.29
pVir26	822	Type IV secretion system protein	VirB4	<i>H. pylori</i>	O25189	1.7e-44	33.87
pVir27	225	Type IV secretion system protein	VirB8/ComB1	<i>C. jejuni</i>	Q9KIS2	3.1e-81	100

Locus_id	length	Putative function	Informative database match	Organism with match	SWALL	E-value	id
pVir28	356	Type IV secretion system protein	ComB2	<i>C. jejuni</i>	Q9KIS1	1.1e-124	100
pVir29	378	Type IV secretion system protein	ComB3	<i>C. jejuni</i>	Q9KIS0	9.2e-122	100
pVir30	66	Unknown	-	-			
pVir31	317	Type IV secretion system protein	VirB11	<i>C. jejuni</i>	Q9KIR9	9.8e-115	100
pVir32	135	Unknown	-	-			
pVir33	628	Type IV secretion system protein	VirD4	<i>E. coli</i>	Q91UW5	4e-20	24.52
pVir34	56	Unknown	-	-			
pVir35	293	Unknown	Hypothetical jhp0926	<i>H. pylori</i>	Q9ZKK9	8e-03	21.56
pVir36	89	Unknown	-	-			
pVir37	382	Conjugal transfer protein	Mlr9255	<i>Rhizobium loti</i>	Q981S2	1.3e-03	22.41
pVir38	655	Topoisomerase	TopA2	<i>H. pylori</i>	Q9ZKL6	7.9e-37	44.89
pVir39	121	Unknown	-	-			
pVir40	152	Single-stranded DNA-binding protein	Ssb-p1	Bacteriophage P1	Q9XJG4	4.3e-12	30.24
pVir41	57	Unknown	-	-			
pVir42	211	Unknown	-	-			
pVir43	155	Unknown	-	-			
pVir44	117	Unknown	-	-			
pVir45	70	Unknown	-	-			
pVir46	156	Unknown	-	-			
pVir47	137	Unknown	-	-			
pVir48	135	Unknown	-	-			
pVir49	107	Unknown	-	-			
pVir50	77	Unknown	-	-			
pVir51c	67	Unknown	-	-			
pVir52	222	Partition protein	ParA	<i>H. pylori</i>	O25646	1.1e-14	38.02
pVir53	209	Unknown	-	-			
pVir54c	278	Replication initiation protein	RepA	<i>Erysipelothrix rhusiopathiae</i>	Q9RHE5	1.1e-13	30.73