

Open reading frame	Length (aa)	% GC	Proposed function	Closest relationship	% ID
Cj81-176u_01	573	23.0	Conserved hypothetical protein	Hypothetical protein <i>H. pylori</i>	40
Cj81-176u_04	656	34.9	Putative c-type chromosome	<i>nrfA</i> , Cytochrome-c-552 precursor, <i>E. coli</i>	25
Cj81-176u_05	689	33.0	Putative c-type chromosome	*	n/a
Cj81-176u_06	194	25.3	Putative thioredoxin	*	n/a
Cj81-176u_07	901	30.0	NrfI	<i>nrfI</i> , NrfI, <i>W. succinognes</i>	41
Cj81-176u_08c	556	37.2	Gamma-glutamyltranspeptidase precursor	<i>ggt</i> , gamma-glutamyltranspeptidase precursor, <i>E. coli</i>	52
Cj81-176u_09c	294	23.8	Hypothetical protein	n/a	n/a
Cj81-176u_10	480	24.7	Conserved hypothetical protein	*	n/a
Cj81-176u_15c	355	26.2	MCP-domain signal transduction protein pseudogene	MCP-domain signal transduction protein, <i>C. jejuni</i> NCTC 11168	93
Cj81-176u_19	704	32.0	Ferric enterobactin uptake receptor	<i>cfrA</i> , ferric enterobactin uptake receptor, <i>C. coli</i>	34
Cj81-176u_21	553	31.1	Putative attachment protein	<i>hmw2A</i> , adhesin, <i>H. influenzae</i>	23
Cj81-176u_23	230	31.0	Hypothetical protein	n/a	n/a
Cj81-176u_24	288	29.5	Hypothetical protein	n/a	n/a
Cj81-176u_25	260	26.9	Hypothetical protein	n/a	n/a
Cj81-176u_26	154	29.9	Hypothetical protein	n/a	n/a
Cj81-176u_30	297	25.3	Conserved hypothetical protein pseudogene	Hypothetical protein <i>C. lari</i>	74
Cj81-176u_33	563	31.1	Potassium transporting ATPase subunit A protein	<i>kdpA</i> , Potassium transporting ATPase subunit A protein, <i>E. coli</i>	42
Cj81-176u_38	481	32.0	Hypothetical protein	n/a	n/a
Cj81-176u_39	41	37.3	Hypothetical protein	n/a	n/a
Cj81-176u_40	54	26.7	Hypothetical protein	n/a	n/a
Cj81-176u_41	508	30.0	Putative outer membrane protein	<i>hxuB</i> , heme/hemopexin utilisation protein, <i>H. influenzae</i>	26
Cj81-176u_42	393	29.0	Hypothetical protein	n/a	n/a
Cj81-176u_43	636	32.1	Putative Type I restriction-modification enzyme M	<i>hsdM</i> , Type I restriction enzyme EcoprrI M protein, <i>E. coli</i>	29 ⁺
Cj81-176u_44	422	27.7	Putative Type I restriction-modification enzyme S	<i>hsdS</i> , Type I restriction enzyme MjaXIP specificity protein, <i>M. jannaschi</i>	32
Cj81-176u_45	197	27.3	Hypothetical protein	n/a	n/a
Cj81-176u_46	310	22.1	Hypothetical protein	n/a	n/a
Cj81-176u_47	971	30.6	Putative Type I restriction-modification enzyme R	<i>hsdR</i> , Type I restriction enzyme Eco124II R protein, <i>E. coli</i>	22 ⁺
Cj81-176u_52	622	34.5	Arylsulfatase	<i>astA</i> , arylsulfatase, <i>C. jejuni</i> 81-176	100
Cj81-176u_56	51	30.8	Hypothetical protein	n/a	n/a
Cj81-176u_57	75	28.5	Conserved hypothetical protein	Hypothetical protein, <i>C. coli</i>	96

Cj81-176u_58	119	28.1	Conserved hypothetical protein	Hypothetical protein <i>C. coli</i>	100
Cj81-176u_59c	43	22.0	Hypothetical protein	n/a	n/a
Cj81-176u_60c	294	34.1	Hypothetical protein	n/a	n/a
Cj81-176u_61c	174	37.5	Hypothetical protein	n/a	n/a
Cj81-176u_62c	40	27.6	Hypothetical protein	n/a	n/a
Cj81-176u_63c	371	33.8	Hypothetical protein	n/a	n/a
Cj81-176u_64c	150	32.9	Hypothetical protein	n/a	n/a
Cj81-176u_67	553	31.2	Putative attachment protein	<i>hmw2A</i> , adhesin, <i>H. influenzae</i>	23
Cj81-176u_70c	360	30.0	Putative MFS (Major Facilitator Superfamily) transport protein pseudogene	Inner membrane protein, <i>E.coli</i>	30
Cj81-176u_72	206	31.6	Oxidoreductase	<i>frxA</i> , NADPH-flavin oxidoreductase, <i>H. pylori</i>	31
Cj81-176u_98	247	30.0	Putative acetyltransferase	<i>vatD</i> , streptogramin A acetyltransferase, <i>E. faecium</i>	32
Cj81-176u_112c	298	24.7	Putative SAM domain containing methyltransferase	*	n/a
Cj81-179u_113	239	28.6	putative aminoglycoside acetyltransferase	<i>aacC4</i> , aminoglycoside acetyltransferase, <i>E. coli</i>	30
Cj81-176u_115	455	26.6	Hypothetical protein	n/a	n/a
Cj81-176u_122	136	31.4	Hypothetical protein	n/a	n/a
Cj81-176u_139	73	20.3	Hypothetical protein	n/a	n/a
Cj81-176u_140	93	22.0	Putative plasmid stabilisation system protein	*	n/a
Cj81-176u_142	1011	35.6	Putative secreted serine protease	Extracellular serine protease precursor, <i>S. marcescens</i>	21 ⁺
Cj81-176u_144	479	33.3	Anaerobic dicarboxylate transporter	<i>dcud</i> , C4-dicarboxylate transporter <i>dcuD</i> , <i>E. coli</i>	38
Cj81-176u_164c	566	22.2	Putative glycosyltransferase	*	n/a
Cj81-176u_165c	569	25.6	Putative glycosyltransferase	<i>cpsIVJ</i> , putative glycosyltransferase, <i>S. agalactiae</i>	32
Cj81-176u_166c	493	23.8	Putative glycosyltransferase	<i>cpsVJ</i> , <i>S. agalactiae</i>	38
Cj81-176u_167c	401	25.0	Putative glycosyltransferase	<i>rfaI</i> , lipopolysaccharide 1,3-galactosyltransferase, <i>S. typhimurium</i>	27
Cj81-176u_168c	603	21.9	Putative sugar transferase	Putative glycosyltransferase, <i>C. jejuni</i> ATCC 43456	99
Cj81-176u_169c	723	22.7	Putative sugar transferase	Putative glycosyltransferase, <i>C. jejuni</i> ATCC 43456	100
Cj81-176_177c	282	23.6	Hypothetical protein	n/a	n/a
Cj81-176u_178c	425	24.3	Putative ATP/GTP binding protein	Putative ATP/GTP-binding protein, <i>B. cereus</i>	38
Cj81-176u_180	774	35.0	DMSO reductase chain A	<i>dmsA</i> , DMSO reductase chain A, <i>E.coli</i>	50
Cj81-176u_181	218	36.7	DMSO reductase chain B	<i>dmsB</i> , DMSO reductase chain B, <i>E. coli</i>	53

Cj81-176u_182	288	30.4	Putative DMSO reductase chain C	<i>dmsC</i> , DMSO reductase chain C, <i>E. coli</i>	26
Cj81-176u_183	185	23.3	Putative TorD cytoplasmic chaperone	<i>torD</i> , TorD cytoplasmic chaperone, <i>S massilia</i>	24
Cj81-176u_185c	670	35.1	Putative peptidase	<i>cocE</i> , cocaine esterase, <i>Rhodococcus sp.</i> strain MB1	22
Cj81-176u_186c	401	33.2	Putative cytoplasmic membrane transport protein pseudogene	*	n/a
Cj81-176u_187	203	24.6	Hypothetical protein	n/a	n/a

Table of *Campylobacter jejuni* 81-176 unique genes with respect to both *C.jejuni* NCTC 11168 and *C.jejuni* RM 1221

Notes:

* annotated on the basis of domains being identified

+ BLASTP identity instead of FASTA identity