

# BV-BRC Test Report

## D4. Taxonomy Data Tab

<b>Item to test</b>	<b>Taxonomy Data Tab</b>
<b>URL</b>	<a href="https://www.bv-brc.org/view/Taxonomy/629#view_tab=taxontree">https://www.bv-brc.org/view/Taxonomy/629#view_tab=taxontree</a>
<b>Prerequisites</b>	None
<b>References</b>	<a href="https://www.bv-brc.org/docs/quick_references/organisms_taxon/taxonomy.html">https://www.bv-brc.org/docs/quick_references/organisms_taxon/taxonomy.html</a>
<b>Tester(s)</b>	Rebecca Wattam, Ron Kenyon
<b>Test date</b>	6-Jan-2022 and 4-Feb-22 (original-passed), 8-May-2022 (follow-up-passed)
<b>Test result</b>	<b>Passed</b>

### Overview

- Test the Taxonomy Tab with example bacterial and viral data.
- Verify the correct Taxonomy.
- Test branch expansion and collapse
- Test Taxon Overview action button.
- Test Genomes and Features action buttons.

### Test Results

- Test results were verified by examination of returned data via inspection.
- All operations performed as expected.

**Bacteria:****Yersinia:**Taxonomy:

Bacteria » Proteobacteria » Gammaproteobacteria » Enterobacteriales » Yersiniaceae » **Yersinia** ( 1537 Genomes )

	Name	Rank	Genomes
<input type="checkbox"/>	► <i>Yersinia</i>	genus	1537
<input type="checkbox"/>	► <i>Yersinia alvdovae</i>	species	11
<input type="checkbox"/>	► <i>Yersinia aleksiciae</i>	species	9
<input type="checkbox"/>	► <i>Yersinia bercovieri</i>	species	19
<input type="checkbox"/>	► <i>Yersinia canariae</i>	species	1
<input type="checkbox"/>	► <i>Yersinia enterocolitica</i>	species	304
<input type="checkbox"/>	► <i>Yersinia entomophaga</i>	species	2
<input type="checkbox"/>	► <i>Yersinia frederiksenii</i>	species	54
<input type="checkbox"/>	► <i>Yersinia hibernica</i>	species	2
<input type="checkbox"/>	► <i>Yersinia intermedia</i>	species	47
<input type="checkbox"/>	► <i>Yersinia kristensenii</i>	species	45
<input type="checkbox"/>	► <i>Yersinia massiliensis</i>	species	20
<input type="checkbox"/>	► <i>Yersinia mollaretii</i>	species	24
<input type="checkbox"/>	► <i>Yersinia nurmi</i>	species	1
<input type="checkbox"/>	► <i>Yersinia pekkanenii</i>	species	2
<input type="checkbox"/>	► <i>Yersinia pseudotuberculosis</i> complex	species group	897
<input type="checkbox"/>	► <i>Yersinia rohdei</i>	species	12
<input type="checkbox"/>	► <i>Yersinia ruckeri</i>	species	80
<input type="checkbox"/>	► unclassified <i>Yersinia</i>	no rank	7

Branch expand/collapse:

- ▲ *Yersinia*
  - ▶ *Yersinia aldovae*
  - ▶ *Yersinia aleksiciae*
  - ▶ *Yersinia bercovieri*
  - ▶ *Yersinia canariae*
  - ▲ *Yersinia enterocolitica*
    - ▲ *Yersinia enterocolitica* (type O)
      - ▶ *Yersinia enterocolitica* IP 10393
      - ▲ *Yersinia enterocolitica* (type O)
        - ▶ *Yersinia enterocolitica* (type O)
        - ▲ *Yersinia enterocolitica* (type O)
          - ▶ *Yersinia enterocolitica* (type O)
        - ▶ *Yersinia enterocolitica* W22703
        - ▲ *Yersinia enterocolitica* (type O)
          - ▶ *Yersinia enterocolitica* IP2222
          - ▶ *Yersinia enterocolitica* (type O)
          - ▶ *Yersinia enterocolitica* (type O)
          - ▶ *Yersinia enterocolitica* LC20
          - ▶ *Yersinia enterocolitica* subsp. *enterocolitica*
          - ▶ *Yersinia enterocolitica* subsp. *palearctica*
          - ▶ *Yersinia entomopathaga*

### Taxon Overview Action Button:

- ▲ Yersinia enterocolitica (type O)
- ▶ Yersinia enterocolitica (type O)
- ▶ Yersinia enterocolitica IP 10393
- ▲ Yersinia enterocolitica (type O)
- ▶ Yersinia enterocolitica (type O)
- ▲ Yersinia enterocolitica (type O)

 Taxon View  
 Bacteria » Proteobacteria » Gammaproteobacteria » Enterobacterales » Yersiaceae » Yersinia » Yersinia enterocolitica » **Yersinia enterocolitica IP 10393** (1 Genomes)

**Overview** Phylogeny Taxonomy Genomes AMR Phenotypes Sequences Proteins Protein Structures Specialty Genes Domains and Motifs Epitopes

Taxonomy Summary Genomes By Metadata

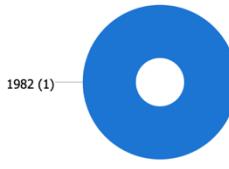
Taxon ID	1243181
Taxon Name	Yersinia enterocolitica IP 10393
Taxon Rank	strain
Genomes / Segments	1
Protein Coding Genes (CDS)	8452

Reference/Representative Genomes

Type	Name
Preference	Yersinia enterocolitica subsp. enterocolitica
	8081
Representative	Yersinia enterocolitica LC20

**Host**  
Human (1) 

**Isolation Country**  
France (1) 

**Collection Year**  
1982 (1) 

## Genomes Action Button:

<input type="checkbox"/>	► Yersinia bercovieri	species	19
<input type="checkbox"/>	► Yersinia canariae	species	1
<input checked="" type="checkbox"/>	► Yersinia enterocolitica	species	304
<input type="checkbox"/>	► Yersinia entomophaga	species	2
<input type="checkbox"/>	► Yersinia frederiksenii	species	54
<input type="checkbox"/>	► Yersinia hibernica	species	2

Taxon View  
 Bacteria » Proteobacteria » Gammaproteobacteria » Enterobacteriales » Yersiniaceae » Yersinia » **Yersinia intermedia** ( 47 Genomes )

Overview Phylogeny Taxonomy Genomes AMR Phenotypes Sequences Proteins Protein Structures Specialty Genes Domains and Motifs Epitopes Pathway

CDS PATRIC

<input type="checkbox"/>	Genome Name	Accession	Feature Type	BRCA ID	RefSeq Locus Tag	Start	End	Strand	Length (NA)	Gene Symbol	Product	<input type="button" value="+"/>
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2892C	184	951	+	768		DedA family inner membrane protein YabI	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2893C	973	1677	-	705		Thiamin ABC transporter, ATPase compon	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2894C	1664	3271	-	1608		Thiamin ABC transporter, transmembrane	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2895C	3247	4299	-	1053		Thiamin ABC transporter, substrate-bindin	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2896C	4614	6275	-	1662		SgrR, sugar-phosphate stress, transcriptio	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2897C	6344	7288	+	945		Pyruvate formate-lyase activating enzyme	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2898C	7293	9725	+	2433		Pyruvate formate-lyase (EC 2.3.1.54)	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2899C	10002	11183	+	1182		Sugar efflux transporter A	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2900C	11211	12473	-	1263		Tryptophan-specific transport protein	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2901C	12584	13984	-	1401		Tryptophanase (EC 4.1.99.1)	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2902C	14579	15181	-	603		3-isopropylmalate dehydratase small subu	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2903C	15196	16626	-	1431		3-isopropylmalate dehydratase large subu	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2904C	16628	17719	-	1092		3-isopropylmalate dehydrogenase (EC 1.1	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2905C	17722	19284	-	1563		2-isopropylmalate synthase (EC 2.3.3.13)	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2907C	20390	21346	+	957		LysR family transcriptional activator LeuO	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2908C	21640	23592	+	1953		Long-chain-fatty-acid-CoA ligase (EC 6.2.	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2909C	23964	25739	+	1776		Acetolactate synthase large subunit (EC 2	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2910C	25742	26236	+	495		Acetolactate synthase small subunit (EC 2	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2911C	26531	27535	+	1005		Fructose repressor FruR, LacI family	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2912C	27683	28123	-	441		L-alanine exporter AlaE	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2913C	29046	29504	+	459		Transcriptional regulator MraZ	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2914C	29507	30469	+	963		16S rRNA (cytosine(1402)-N(4))-methyltra	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2915C	30466	30786	+	321		Cell division protein FtsL	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2916C	30847	32610	+	1764		Cell division protein FtsI [Peptidoglycan sy	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2917C	32597	34084	+	1488		UDP-N-acetylmuramoyl-dipeptide-2,6-dia	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2918C	34081	35445	+	1365		UDP-N-acetylmuramoyl-tripeptide-D-alan	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2919C	35439	36521	+	1083		Phospho-N-acetylmuramoyl-pentapeptide-	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2920C	36524	37840	+	1317		UDP-N-acetylmuramoyl-L-alanine-D-gluta	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg		37840	39042	+	1203		Peptidoglycan glycosyltransferase FtsW (E	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2922C	39039	40109	+	1071		UDP-N-acetylglucosamine-N-acetylmuran	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2923C	40192	41667	+	1476		UDP-N-acetylmuramate-L-alanine ligase (	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2924C	41660	42580	+	921		D-alanine-D-alanine ligase (EC 6.3.2.4)	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2925C	42582	43439	+	858		Cell division protein FtsQ	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2926C	43436	44692	+	1257		Cell division protein FtsA	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2927C	44765	45916	+	1152		Cell division protein FtsZ	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2928C	46001	46936	+	936		UDP-3-O-[3-hydroxymyristoyl] N-acetylglu	
<input type="checkbox"/>	Yersinia intermedia ATCC 29909	NZ_AALF02000C	CDS	fig 349965.6.peg	yinte0001_2929C	47004	47528	-	525		Zn-ribbon-containing, possibly RNA-bindin	

1 - 200 of 227797 results « 1 2 3 ... 1139 »

## **Virus:**

### Influenza

Taxon View

Viruses » Negarnaviricota » Insthoviricetes » Articulavirales » Orthomyxoviridae » Alphainfluenzavirus » Influenza A virus ( 810384 Genomes )

Overview	Taxonomy	Strains	Genomes	Proteins	Protein Structures	Domains and Motifs	Epitopes	Experiments	Surveillance
Name									Rank
									Genomes
<input type="checkbox"/>	► Influenza A virus								species
<input type="checkbox"/>	► H10N1 subtype								serotype
<input type="checkbox"/>	► H10N2 subtype								serotype
<input type="checkbox"/>	► H10N3 subtype								serotype
<input type="checkbox"/>	► H10N4 subtype								serotype
<input type="checkbox"/>	► H10N5 subtype								serotype
<input type="checkbox"/>	► H10N6 subtype								serotype
<input type="checkbox"/>	► H10N7 subtype								serotype
<input type="checkbox"/>	► H10N8 subtype								serotype
<input type="checkbox"/>	► H10N9 subtype								serotype
<input type="checkbox"/>	► H11N1 subtype								serotype
<input type="checkbox"/>	► H11N2 subtype								serotype
<input type="checkbox"/>	► H11N3 subtype								serotype
<input type="checkbox"/>	► H11N4 subtype								serotype
<input type="checkbox"/>	► H11N5 subtype								serotype
<input type="checkbox"/>	► H11N6 subtype								serotype
<input type="checkbox"/>	► H11N7 subtype								serotype
<input type="checkbox"/>	► H11N8 subtype								serotype
<input type="checkbox"/>	► H11N9 subtype								serotype
<input type="checkbox"/>	► H12N1 subtype								serotype
<input type="checkbox"/>	► H12N2 subtype								serotype
<input type="checkbox"/>	► H12N3 subtype								serotype
<input type="checkbox"/>	► H12N4 subtype								serotype
<input type="checkbox"/>	► H12N5 subtype								serotype
<input type="checkbox"/>	► H12N6 subtype								serotype
<input type="checkbox"/>	► H12N7 subtype								serotype
<input type="checkbox"/>	► H12N8 subtype								serotype
<input type="checkbox"/>	► H12N9 subtype								serotype
<input type="checkbox"/>	► H13N1 subtype								serotype
<input type="checkbox"/>	► H13N2 subtype								serotype
<input type="checkbox"/>	► H13N3 subtype								serotype
<input type="checkbox"/>	► H13N4 subtype								serotype
<input type="checkbox"/>	► H13N6 subtype								serotype
<input type="checkbox"/>	► H13N8 subtype								serotype
<input type="checkbox"/>	► H13N9 subtype								serotype
<input type="checkbox"/>	► H14N2 subtype								serotype
<input type="checkbox"/>	► H14N3 subtype								serotype
<input type="checkbox"/>	► H14N4 subtype								serotype
<input type="checkbox"/>	► H14N5 subtype								serotype
<input type="checkbox"/>	► H14N6 subtype								serotype
<input type="checkbox"/>	► H14N7 subtype								serotype



HIDE



GUIDE



data

## Dengue



Taxon View

Viruses » Kitinoviricota » Flasuviricetes » Amarillovirales » Flaviviridae » Flavivirus » **Dengue virus** ( 39517 Genomes )

Overview	Taxonomy	Genomes	Proteins	Protein Structures	Domains and Motifs	Epitopes	Experiments
Name						Rank	Genomes
<input type="checkbox"/>	► Dengue virus					species	39517
<input type="checkbox"/>	► Dengue virus 1					no rank	13701
<input type="checkbox"/>	► Dengue virus 2					no rank	12087
<input type="checkbox"/>	► Dengue virus 3					no rank	6473
<input type="checkbox"/>	► Dengue virus 4					no rank	3342

## Ebola



Taxon View

Viruses » Negarnaviricota » Monjiviricetes » Mononegavirales » Filoviridae » **Ebolavirus** ( 3969 Genomes )

Overview	Taxonomy	Genomes	Proteins	Protein Structures	Domains and Motifs	Epitopes	Experiments
Name						Rank	Genomes
<input type="checkbox"/>	► Ebolavirus					genus	3969
<input type="checkbox"/>	► Bombali ebolavirus					species	12
<input type="checkbox"/>	► Bundibugyo ebolavirus					species	43
<input type="checkbox"/>	► Reston ebolavirus					species	59
<input type="checkbox"/>	► Sudan ebolavirus					species	44
<input type="checkbox"/>	► Tai Forest ebolavirus					species	9
<input type="checkbox"/>	► Zaire ebolavirus					species	3720
<input type="checkbox"/>	► unclassified Ebolavirus					no rank	82

## Enterovirus

Taxon View

Viruses » Pisuviricota » Pisoniviricetes » Picornavirales » Picornaviridae » **Enterovirus** ( 111358 Genomes )

	Name	Rank	Genomes
<input type="checkbox"/> ▲ Enterovirus		genus	111358
<input type="checkbox"/> ► Enterovirus A		species	38978
<input type="checkbox"/> ► Enterovirus B		species	28352
<input type="checkbox"/> ► Enterovirus C		species	12109
<input type="checkbox"/> ► Enterovirus D		species	5239
<input type="checkbox"/> ► Enterovirus E		species	264
<input type="checkbox"/> ► Enterovirus F		species	76
<input type="checkbox"/> ► Enterovirus G		species	829
<input type="checkbox"/> ► Enterovirus H		species	20
<input type="checkbox"/> ► Enterovirus I		species	3
<input type="checkbox"/> ► Enterovirus J		species	140
<input type="checkbox"/> ► Enterovirus K		species	2
<input type="checkbox"/> ► Enterovirus L		species	2
<input type="checkbox"/> ► Rhinovirus A		species	8067
<input type="checkbox"/> ► Rhinovirus B		species	1687
<input type="checkbox"/> ► Rhinovirus C		species	5914
<input type="checkbox"/> ► environmental samples		no rank	95
<input type="checkbox"/> ► unclassified Enterovirus		no rank	2320
<input type="checkbox"/> ► unclassified Rhinovirus		no rank	7210

## Lassa

Taxon View

Viruses » Negarnaviricota » Ellioviricetes » Bunyavirales » Arenaviridae » Mammarenavirus » **Lassa mammarenavirus** ( 2328 Genomes )

	Name	Rank	Genomes
<input type="checkbox"/> ▲ Lassa mammarenavirus		species	2328
<input type="checkbox"/> ► Lassa virus Josiah		no rank	1

## Rota

Taxon View

Viruses » Duplornaviricota » Resentoviricetes » Reovirales » **Reoviridae** ( 136480 Genomes )

Overview	Taxonomy	Genomes	Proteins	Protein Structures	Domains and Motifs	Epitopes	Experiments
Name						Rank	Genomes
<input type="checkbox"/>	▲ Reoviridae					family	136480
<input type="checkbox"/>	▶ Sedoreovirinae					subfamily	123822
<input type="checkbox"/>	▶ Cardoreovirus					genus	27
<input type="checkbox"/>	▶ Mimoreovirus					genus	22
<input type="checkbox"/>	▶ Orbivirus					genus	18100
<input type="checkbox"/>	▶ Phytoreovirus					genus	390
<input checked="" type="checkbox"/>	▲ Rotavirus					genus	104625
<input type="checkbox"/>	▶ Rotavirus A					species	93527
<input type="checkbox"/>	▶ Rotavirus B					species	1736
<input type="checkbox"/>	▶ Rotavirus C					species	4807
<input type="checkbox"/>	▶ Rotavirus D					species	199
<input type="checkbox"/>	▶ Rotavirus F					species	90
<input type="checkbox"/>	▶ Rotavirus G					species	141
<input type="checkbox"/>	▶ Rotavirus H					species	429
<input type="checkbox"/>	▶ Rotavirus I					species	77
<input type="checkbox"/>	▶ Rotavirus J					species	22
<input type="checkbox"/>	▶ unclassified Rotavirus					no rank	3440
<input type="checkbox"/>	▶ Seadornavirus					genus	658
<input type="checkbox"/>	▶ Spinareovirinae					subfamily	11031
<input type="checkbox"/>	▶ unclassified Reoviridae					no rank	1627

## Herpes

Taxon View

Viruses » Peploviricota » Herviviricetes » Herpesvirales » **Herpesviridae** ( 63480 Genomes )

Overview	Taxonomy	Genomes	Proteins	Protein Structures	Domains and Motifs	Epitopes	Experiments
Name						Rank	Genomes
<input type="checkbox"/>	▲ Herpesviridae					family	63480
<input type="checkbox"/>	▶ Alphaherpesvirinae					subfamily	29091
<input type="checkbox"/>	▶ Betaherpesvirinae					subfamily	14436
<input type="checkbox"/>	▶ Gammaherpesvirinae					subfamily	19360
<input type="checkbox"/>	▶ Iguanid herpesvirus 2					species	2
<input type="checkbox"/>	▶ environmental samples					no rank	2
<input type="checkbox"/>	▶ unclassified Herpesviridae					no rank	589

