BV-BRC Test Report

V1. Genome Browser Visualization

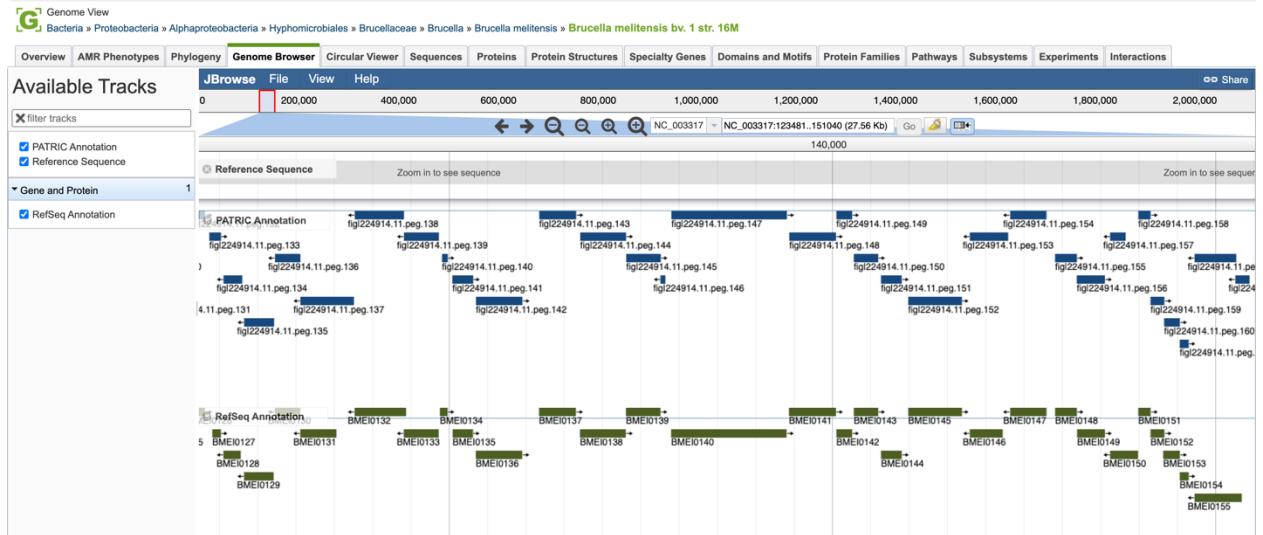|	
Item to test	Genome Browser (JBrowse)
URL	[Insert URL linking to genome browser for test case]
Prerequisites	None
Tester(s)	Rebecca Wattam, Zachary Wallace
References	https://www.bv-brc.org/docs/quick_references/organisms_genome/genome_browser.html
Test date	06-Jan-2022 and 10_feb-22 (original - passed), 10-May-2022 (follow-up - passed)
Test Result	**Passed**

Overview
- Test the linear Genome Browser using an example bacterial and viral genome.
- Test genome display.
- Test zoom and pan.
- Test feature flyovers/links.
- Show track show/hide.

Test Results
- Test results were verified by inspection.
- All visualization functions performed as expected.

Genome: [Brucella melitensis bv. 1 str. 16M/224914.11]

Zoom:

Pan:

Feature flyovers and links:

Feature View
Bacteria » Proteobacteria » Alphaproteobacteria » Hyphomicrobiales » Brucellaceae » Brucella » Brucella melitensis » Brucella melitensis bv. 1 str. 16M
fig|224914.11.peg.369 | BMEI0336 | Tol-Pal system protein TolQ

| Overview | Genome Browser | Compare Region Viewer | Transcriptomics | Interactions | Domain and Motifs | Protein Structures |

☰ fig|224914.11.peg.369

Genome	
Genome ID	224914.11
Genome Name	Brucella melitensis bv. 1 str. 16M
Taxon ID	224914
Source	
Annotation	PATRIC
Feature Type	CDS
Identifiers	
BRC ID	fig|224914.11.peg.369
Database Cross References	
RefSeq Locus Tag	BMEI0336
Protein ID	NP_539253.1
Gene ID	1196047
Location	
Start	344433
End	345143
Strand	+
Location	344433..345143
Sequences	
NA Length	711
AA Length	236
NA Sequence	view
AA Sequence	view

Functional Properties

PATRIC Local Family	PLF_234_00002701
PATRIC Global Family	PGF_00648054
FIGfam	FIG00002161
Identical Proteins	View (new tab)
Identical Genes	View (new tab)
GO Terms	-
Subsystems	Tol-Pal Cell Envelope Complex Tol-Pal system protein TolQ

Submit a request for structure determination to SSGCID

Track show/hide: