

BV-BRC Test Report

Item to test	Organisms top menu
URL	By organism (see results below)
Prerequisites	None
Tester(s)	Ron Kenyon, Maulik Shukla
Test date	20-Apr-2022 (follow-up from original tests)
Test result	Passed

Overview

These tests are intended to verify correct database retrieval and display of organism data in the BV-BRC database.

Test Verification

Correct operation is performed by selecting the genome group (e.g., genus, family) from the Organisms Menu and comparing resulting genome counts displayed in web pages with corresponding counts from direct database queries. Minor differences in counts may occur due to real-time genome indexing into the database.

Taxa	URL	Expected	Actual
Bacterial Pathogens			
Acinetobacter	https://www.bv-brc.org/view/Taxonomy/469#view_tab=overview	12,205	13,022
Bacillus	https://www.bv-brc.org/view/Taxonomy/1386#view_tab=overview	7,311	7,311
Bartonella	https://www.bv-brc.org/view/Taxonomy/773#view_tab=overview	238	238
Borrelia	https://www.bv-brc.org/view/Taxonomy/64895#view_tab=overview	868	868
Brucella	https://www.bv-brc.org/view/Taxonomy/234#view_tab=overview	1,188	1,192
Burkholderia	https://www.bv-brc.org/view/Taxonomy/32008#view_tab=overview	5,070	5,075
Campylobacter	https://www.bv-brc.org/view/Taxonomy/194#view_tab=overview	7,341	8,491
Chlamydia	bv-brc.org/view/Taxonomy/810 - view_tab=overview	597	597
Clostridium	https://www.bv-brc.org/view/Taxonomy/1485#view_tab=overview	3,795	3,795
Coxiella	https://www.bv-brc.org/view/Taxonomy/776#view_tab=overview	122	123

Ehrlichia	https://www.bv-brc.org/view/Taxonomy/943#view_tab=overview	43	43
Escherichia	https://www.bv-brc.org/view/Taxonomy/561#view_tab=overview	45,094	45,381
Francisella	https://www.bv-brc.org/view/Taxonomy/262#view_tab=overview	1,086	1,086
Helicobacter	https://www.bv-brc.org/view/Taxonomy/209#view_tab=overview	2,917	2,917
Listeria	https://www.bv-brc.org/view/Taxonomy/1637#view_tab=overview	5,864	5,866
Mycobacterium	https://www.bv-brc.org/view/Taxonomy/1763#view_tab=overview	31,125	33,372
Pseudomonas	https://www.bv-brc.org/view/Taxonomy/286#view_tab=overview	16,064	16,142
Rickettsia	https://www.bv-brc.org/view/Taxonomy/780#view_tab=overview	197	197
Salmonella	https://www.bv-brc.org/view/Taxonomy/590#view_tab=overview	29,801	31,905
Shigella	https://www.bv-brc.org/view/Taxonomy/620#view_tab=overview	5,440	5,453
Staphylococcus	https://www.bv-brc.org/view/Taxonomy/1279#view_tab=overview	24,842	25,040
Streptococcus	https://www.bv-brc.org/view/Taxonomy/1301#view_tab=overview	37,593	38,327
Vibrio	https://www.bv-brc.org/view/Taxonomy/662#view_tab=overview	6,388	6,389
Yersinia	https://www.bv-brc.org/view/Taxonomy/629#view_tab=overview	1,535	1,535
All Bacteria	https://www.bv-brc.org/view/Bacteria/2		556,706
All Archaea	https://www.bv-brc.org/view/Taxonomy/2157		9,998
Viral Families			
Adenoviridae	https://www.bv-brc.org/view/Taxonomy/10508#view_tab=overview		22,574
Asfarviridae	https://www.bv-brc.org/view/Taxonomy/137992#view_tab=overview		6,967
Bunyavirales	https://www.bv-brc.org/view/Taxonomy/1980410#view_tab=overview		47,774
Caliciviridae	https://www.bv-brc.org/view/Taxonomy/11974#view_tab=overview		60,402
Coronaviridae	https://www.bv-brc.org/view/Taxonomy/11118#view_tab=overview		4,700,201
Filoviridae	https://www.bv-brc.org/view/Taxonomy/11266#view_tab=overview		4,390

Flaviviridae	https://www.bv-brc.org/view/Taxonomy/11050#view_tab=overview		370,713
Hepeviridae	https://www.bv-brc.org/view/Taxonomy/291484#view_tab=overview		4,516
Herpesviridae	https://www.bv-brc.org/view/Taxonomy/10292#view_tab=overview		63,109
Orthomyxoviridae	https://www.bv-brc.org/view/Taxonomy/11308#view_tab=overview		861,209
Paramyxoviridae	https://www.bv-brc.org/view/Taxonomy/11158#view_tab=overview		57,386
Parvoviridae	https://www.bv-brc.org/view/Taxonomy/10780#view_tab=overview		26,924
Picornaviridae	https://www.bv-brc.org/view/Taxonomy/12058#view_tab=overview		149,207
Pneumoviridae	https://www.bv-brc.org/view/Taxonomy/11244#view_tab=overview		46,060
Polyomaviridae	https://www.bv-brc.org/view/Taxonomy/151341#view_tab=overview		12,906
Poxviridae	https://www.bv-brc.org/view/Taxonomy/10240#view_tab=overview		11,479
Reoviridae	https://www.bv-brc.org/view/Taxonomy/10880#view_tab=overview		132,270
Rhabdoviridae	https://www.bv-brc.org/view/Taxonomy/11270#view_tab=overview		36,286
Togaviridae	https://www.bv-brc.org/view/Taxonomy/11018#view_tab=overview		12,115
All Viruses	https://www.bv-brc.org/view/Taxonomy/10239		6,771,328
Featured Viruses			
Bacteriophages	https://www.bv-brc.org/view/GenomeList/?eq(genome_name,phage)		17,534
Dengue virus	https://www.bv-brc.org/view/Taxonomy/12637#view_tab=overview		38,737
Ebolavirus	https://www.bv-brc.org/view/Taxonomy/186536#view_tab=overview		3,946
Enterovirus	https://www.bv-brc.org/view/Taxonomy/12059#view_tab=overview		109,840
Hepatitis C virus	https://www.bv-brc.org/view/Taxonomy/11103#view_tab=overview		258,446
Influenza A virus	https://www.bv-brc.org/view/Taxonomy/11320#view_tab=overview		740,652
Lassa mammerarenavirus	https://www.bv-brc.org/view/Taxonomy/11620#view_tab=overview		2,322

SARS-CoV-2	https://www.bv-brc.org/view/Taxonomy/2697049#view_tab=overview		4,664,095
Zika Virus	https://www.bv-brc.org/view/Taxonomy/64320#view_tab=overview		2,203

References

- [Organisms Menu Quick Reference](#)
- [Taxon Overview Tab Quick Reference](#)