

Genome Group Assignment:

1. Create a single genome group that contains 40 genomes from *Brucella* and 2 from *Ochrobactrum* using the following genome IDs.

Genome ID

204722.5
224914.11
224914.16
262698.4
359391.4
430066.4
437701.3
439375.7
444178.3
470137.4
470735.4
483179.4
520448.3
520449.3
520450.3
520451.3
520452.3
520453.4
520454.3
520455.3
520456.3
520457.3
520458.3
520459.3
520460.3
520461.3
520462.3
520463.3
520464.3
520465.3
520466.3
520487.3
520488.3
520489.3
546272.3
568815.3
575591.3
595497.3
641118.3
641140.3
693748.4
693750.4

Hints

-To do this assignment, you will need the **Genome Finder** tool:

TOOLS **ABOUT**

▶ Complete List of All Tools

Specialized Searches:

▶ Antibiotic Resistance Search

▶ Feature Finder

▶ **Genome Finder**

-To search for **Genome IDs**:

cellular organisms
Searches & Tools • Genome Finder

The Genome Finder allows you to search for all PATRIC genomes based on genome names and available metadata. To learn more, see [Genome Finder User Guide](#).

1 Select organism(s)

2 Enter keyword

3 Enter keyword

Find Genomes by Specifying Descriptive Search Summary Terms

Examples: Escherichia coli
Escherichia coli USA 2006
Escherichia "Homo sapiens"

Keyword
Genome ID
Genome Name
Genome Status
Isolation Country
Host Name
Disease
Collection Date
Completion Date

595497.3
641118.3
641140.3
693748.4
693750.4

-Resize the table to see all the results

Showing results for: 284722.5 224894.11 224914.16 262698.4 359391.4 430066.4 437701.3 439375.7 444178.3 470137.4 470735.4 483179.4 520448.3 520449.3 520450.3 520451.3 520452.3 520453.4 520454.3

To learn how to filter results based on metadata or perform an advanced search, see [Genome Finder User Guides](#). To learn more about available metadata, see [Genome Metadata User Guide](#).

Filter By

42 genomes found

Genome Name	Genome Status	Genome Browser	Isolation Country	Size	Sequences	PATRIC CDS	Host Name	Disease	Collection Date
Brucella abortus NCTC 8028	WGS			327258	16	2439		Spontaneous ...	
Brucella abortus S19	Complete			328396	2	2476		Spontaneous ...	1923
Brucella abortus bn_1 str. S-251	Complete		USA	326649	2	2578	Cattle, Bos ta...	Brucellosis	
Brucella abortus bn_2 str. B6/5029	WGS			329065	21	2574	Bovine, Bovine	Spontaneous ...	1959
Brucella abortus bn_3 str. 3/uba	WGS			328048	13	2521		Spontaneous ...	
Brucella abortus bn_4 str. 292	WGS			327092	12	2429	Bovine, Bovine	Spontaneous ...	1960
Brucella abortus bn_5 str. 80126	WGS			332615	68	2423		Spontaneous ...	
Brucella abortus bn_6 str. 8/2	WGS			328947	13	2433		Spontaneous ...	
Brucella abortus bn_5 str. C28	WGS			328747	13	2406		Brucellosis	
Brucella abortus str. 238E.6	WGS			327787	9	2473		Brucellosis	
Brucella abortus ATCC 23265	Complete			331299	2	2435		Brucellosis	
Brucella abort str. C-60	WGS			333843	14	2388		Brucellosis	
Brucella abort str. 101/1	WGS			333677	22	2406		Brucellosis	
Brucella abort str. 101/2	WGS			333677	22	2406		Brucellosis	
Brucella abort str. 1959/251	WGS			324821	17	2386		Brucellosis	
Brucella abort str. 1964/312	WGS			333274	17	2414		Brucellosis	
Brucella abort str. C-60	Complete			339269	7	2610	Bottomose det...	Brucellosis	
Brucella abort str. B01	WGS			335593	55	2404	Human, Hom...	Brucellosis	
Brucella abort str. ATCC 23265	Complete			331219	2	2486	Human, Hom...	Brucellosis	
Brucella abort str. Bovine 2328	Complete			327687	2	2467		Brucellosis	
Brucella abort str. 1 str. 194	Complete			329431	2	2492	Human, Hom...	Brucellosis	

Show 20 per page | Apply to ALL tables | Displaying genomes 1 - 20 of 42

Show 20 Show 42

-Create a group from these IDs.

The screenshot shows a web interface with two tabs: "Genomes" and "Sequences". Under "Genomes", it says "5 genomes found". There are three main buttons: "Add Genome(s)" (with a folder icon), "Download" (with a calendar icon), and "Columns" (with a list icon). Below these is a table with columns "Genome Name" and "Genome Status".

Genome Name	Genome Status
<input checked="" type="checkbox"/> Brucella melitensis ATCC 23457	Complete
<input checked="" type="checkbox"/> Brucella melitensis M28	Complete
<input checked="" type="checkbox"/> Brucella melitensis M5-90	Complete
<input checked="" type="checkbox"/> Brucella melitensis NI	Complete
<input checked="" type="checkbox"/> Brucella melitensis bv. 1 str. 16M	Complete

Annotation A points to the "Add Genome(s)" button. Annotation B points to the "Work" button.

...then....

The sequence shows three windows from the "Add Selected Genome(s) to Workspace" dialog:

- Window 1: "Add to group:" dropdown is set to "None". Annotation A points to this dropdown.
- Window 2: The dropdown menu is open, showing "None", "None", and "Create New Group". Annotation B points to "Create New Group".
- Window 3: The "Add to group:" dropdown is now set to "Create New Group". The "New group name" field contains "42 Brucella and Ochrobactrum genomes". Annotation C points to this field. At the bottom, the "Save to Workspace" button is highlighted with annotation D.