BV-BRC Test Report

D13. Epitopes Data Tab

Item to test	Epitopes Data Tab			
URL	https://www.bv-brc.org/view/Taxonomy/11320#view_tab=epitope&filter=false			
Prerequisites	None			
References	https://www.bv-brc.org/docs/quick_references/organisms_menu.html#browsing-bv-brc-by-taxon			
Tester(s)	Rebecca Wattam, Richard Scheuermann, Ron Kenyon			
Test date	6-Jan-2022 and 4-Feb-22 (original – passed), 9-May-2022 (follow-up-passed)			
Test result	Passed			

Overview

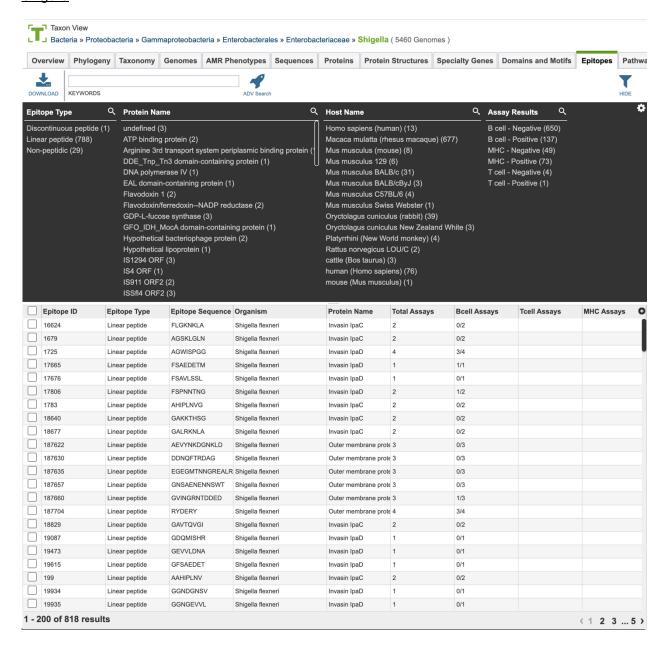
- Test the Epitopes Tab with example bacterial and viral data.
- Verify appropriate genomes.
- Test Filter.
- Test Epitope action button.

Test Results

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

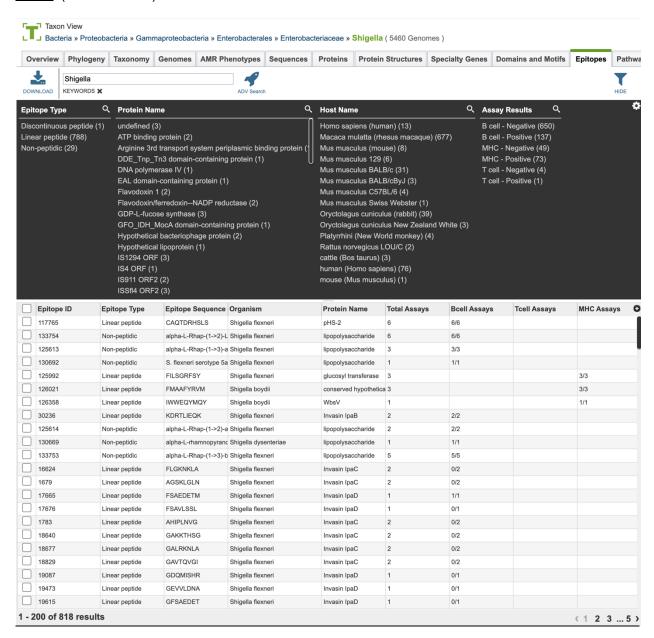
Bacteria

Shigella:



Keyword: Shigella

Result: (count matches)



Epitope action button - Overview:



ິ່ງ 1679

Epitope ID1679Epitope TypeLinear peptideEpitope SequenceAGSKLGLNOrganismShigella flexneriTaxon ID623

Protein Name Invasin IpaC
Protein ID P18012.2
Protein Accession P18012

 Start
 201

 End
 208

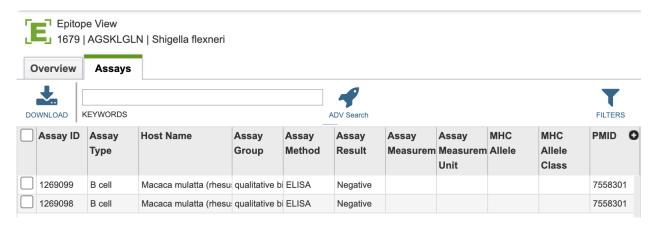
Host NameMacaca mulatta (rhesus macaque)Total Assays2

0/2

Assay Results B cell - Negative

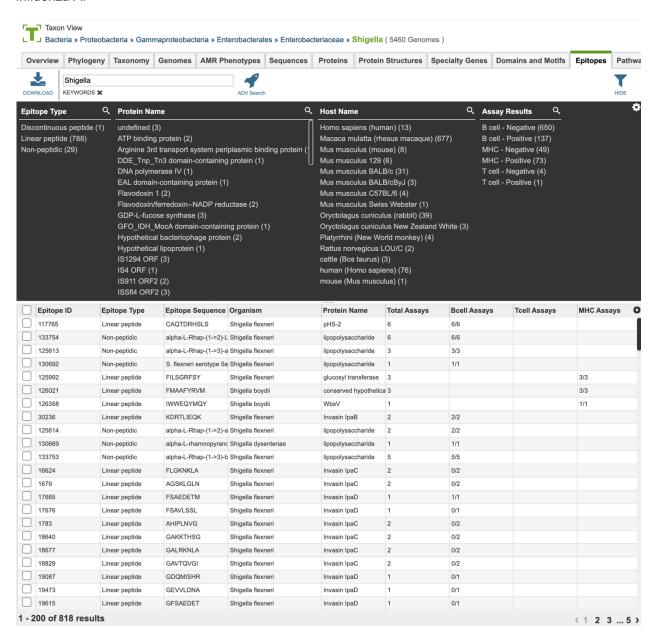
B Cell Assays
Comments

Epitope action button - Assays:

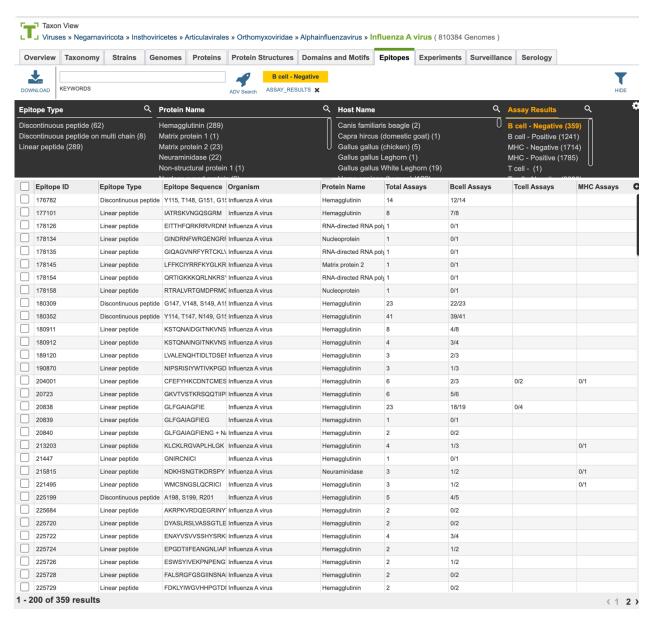


Virus

Influenza A:



Filter: B Cell - negative



Epitope button:

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178145	Linear peptide	LFFKCIYRRFK	Influenza A virus	Matrix protein 2	1	0/1	
178154	Linear peptide	QRTIGKKKQRI	Influenza A virus	RNA-directed R	1	0/1	
178158	Linear peptide	RTRALVRTGM	Influenza A virus	Nucleoprotein	1	0/1	
180309	Discontinuous p	G147, V148, S1	Influenza A virus	Hemagglutinin	23	22/23	



[1] 178154

Epitope ID 178154 **Epitope Type** Linear peptide **Epitope Sequence** QRTIGKKKQRLNKRSYLIRA Organism Influenza A virus Taxon ID 11320 RNA-directed RNA polymerase catalytic subunit **Protein Name** Protein ID ABR31781.1 **Protein Accession** P03431 Start 202 End 221 **Host Name** Oryctolagus cuniculus (rabbit) **Total Assays Assay Results** B cell - Negative **B Cell Assays** Comments



