

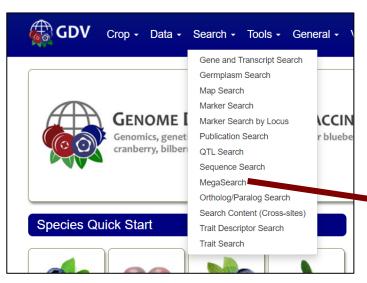
GENOME DATABASE FOR VACCINIUM

Genomics, genetics, and breeding resources for blueberry, cranberry, bilberry, and lingonberry research

Issue 4 | July 2022

What is GDV?

GDV is a centralized database for genomics, genetics, and breeding data and analysis tools for *Vaccinium* sp. Genome sequences are available to view and search and there is also information about genetic maps, molecular markers, and QTL. If you are a breeder who needs to manage a private breeding program data, access to the Breeding Information Management System (BIMS) can be requested through GDV. Visit us at www.vaccinium.org to see everything that is available. Each issue of the newsletter will focus on a different type of data and what features are available.



Either click on the individual data search links, or select MegaSearch to start a search

New GDV search interfaces

A couple years ago, we added <u>MegaSearch</u> to GDV. MegaSearch was an additional way for users to search the data in GDV and also allowed further refinement to the displayed/downloaded search results over the traditional searches on GDV.

Since MegaSearch works so well, we have decided to transition all searches within GDV to MegaSearch. Not only is this an improvement in database usability, but also helps GDV run more efficiently which will help with performance.

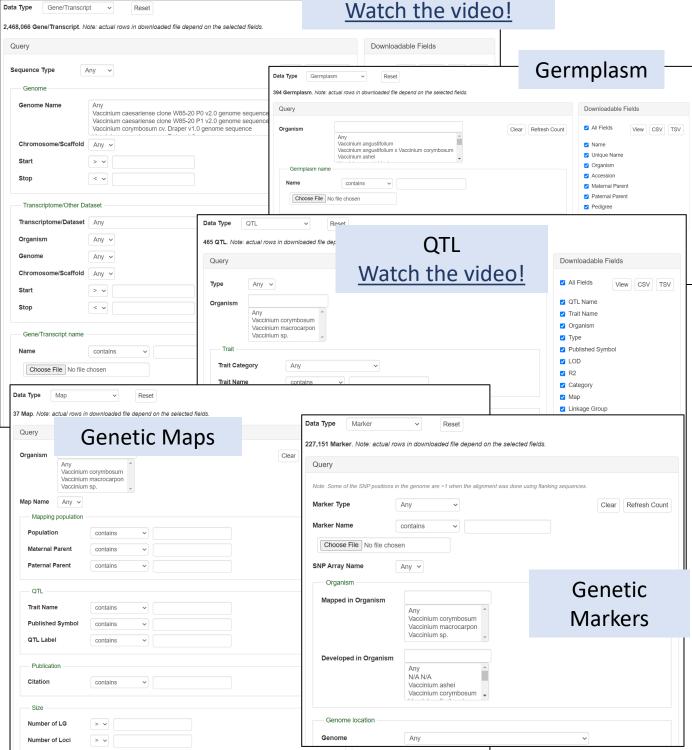
If you have used some of the GDV searches in the past month, you probably noticed a change in the interfaces. We are still working on some of the searches, but MegaSearch is being used for the following data types:

- Genes and Transcripts
- Germplasm
- Genetic Maps
- · Genetic Markers
- Publications
- QTL

	Tripal MegaSearch				
	Tripal MegaSearch is a tool for downloading biological data. (Current limit per download: video tutorial: 2020 presentation 2021 tutorial (Gene/Transcript) 2022 tutorial (QTL)				
	Select a data type to start building your own query and download data in bulk:				
	Data Type [Se	Data Type [Select a Data Type] > Reset			
	Data Summary:				
١	Data Type	Number of Records	Last Updated		
١	Contact	29	09/13/2021		
١	Gene/Transcript	2468066	07/10/2022		
١	Germplasm	394	07/14/2022		
١	Мар	37	07/14/2022		
١	Marker	227151	07/14/2022		
١	Publication	783	07/14/2022		
	QTL	465	09/13/2021		
- 1					

MegaSearch Interfaces

Genes and Transcripts Watch the video!



Join the <u>GDV Mailing List</u> and follow us on <u>Twitter</u>

Funded by:

USDA National Research Project (NRSP10) SCRI-NIFA Award 2019-51181-30015 (VacCAP)