Here is an overview of CottonGen in 2023 and we would like to thank the cotton research community for your support!

HAPPY Holidays

Wishing you the happiest holidays
From the CottonGen

More Data. We added more data in 2023 including 18 new whole genome assembly, QTL, markers, genetic map, genotype, and phenotype data. We also started adding GWAS data and added more expression data! Check the 'Data Overview' page for currently available data.

New and Updated Tools. MegaSearch and MapViewer are updated to display GWAS data, and the Expression Heatmap allows researchers to quickly and easily identify patterns of gene expression that are associated with specific conditions or treatments.

New Short Video Tutorials. This year we made six new video tutorials

How to search cotton markers using MegaSearch

How to view genomes linked to genetic maps

How to use MegaSearch for Gene and Transcripts

How to search traits and see all the linked data

How to use the Expression Heatmap Tool

How to view correspondences between genomes and genetic maps

NewsLetters. We sent out four quarterly NewsLetters

Join us at 2024 January Conferences:

the Beltwide Cotton Conference – Cotton Improvement Conference:

Thur. Jan. 4 at 4 PM: Oral presentation

Using CottonGen for Cotton Improvement

PAG – Tripal Database Network and Initiatives

Sat, Jan. 13 at 5:14-5:32 PM

TripalMap Mapviewer 2.1

PAG – National Research Support Project (NRSP10)

Sun, Jan. 14 at 1:30-3:40 PM

Database Resources for Crop Genomics, Genetics and Breeding

PAG - Digital Tools and Resources

Tue, Jan.16 at 12-12:30 PM

CottonGen 2023: New Data and New Functionality to Enable Cotton Research