



IWGSC Webinar Series: Introduction

17 July 2025

Josh Stein
IWGSC Project Manager



The International Wheat Genome Sequencing Consortium



www.wheatgenome.org



@wheatgenome.bsky.social



@wheatgenome



international-wheat-genome-sequencing-consortium

IWGSC Sponsors



Enhance breeding through an increased understanding of the molecular basis of traits and their allelic diversity



IWGSC Wheat Genome Variation Project

Preserve, discover, and mobilize genetic resources by sequencing landrace genomes that encompass the worldwide genome variations of bread wheat.

- Platinum assemblies for 12 bread wheat landrace accessions and Chinese Spring (CS)
- Transcriptome data, gene annotations & update of CS RefSeq annotation
- Practical Haplotype Graph (PHG) to catalog all genetic variations within bread wheat



A project supported by the National Science Foundation under grant #2322957, the European Research Council ERC (project 3Dwheat #101044399), INRAE Plant Biology and Breeding department, and the International Wheat Genome Sequencing Consortium

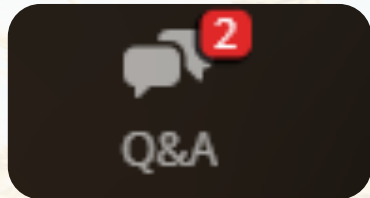
Upcoming IWGSC Webinar: 16 October 2025

- ▶ **Exploration and precision editing of host factors to develop bymovirus-resistant cereal crops**
- ▶ **10:00am EDT**
- ▶ **Presenter: Ping Yang**
State Key Laboratory of Crop Gene Resources and Breeding
Institute of Crop Sciences
Chinese Academy of Agricultural Sciences, Beijing, China
- ▶ **Registration** https://us06web.zoom.us/webinar/register/WN_IArGWHL5RNC2udxMKDsX1g



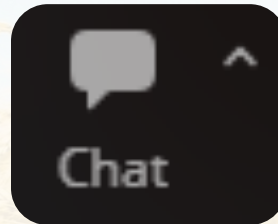
Webinar Dashboard

- The webinar is recorded and will be posted on the IWGSC YouTube channel later today <https://www.youtube.com/c/internationalwheatgenomesequencingconsortium>
- The presentation section will be followed by a Q&A



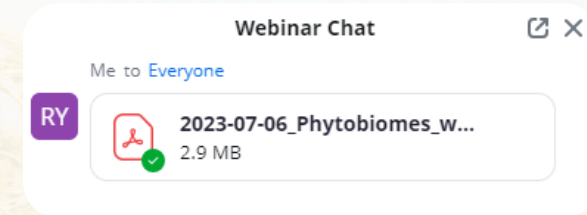
Questions

*Submit your questions
in the Q&A panel*



Chat

*Use the chat panel to see
messages from the
organizers*



Handouts

*Download PDFs of the slides
presented from the chat
panel*

- Register to the mailing list
<https://www.wheatgenome.org/register2/iwgsc-newsletter-data-access-sign-up>



- ▶ **Novel insights on the genetics of susceptibility to necrotrophic fungal pathogens of durum and bread wheat**
- ▶ **Presenter:**
Agnes Szabo-Hever
Research scientist
North Dakota State University, USA

