



# IWGSC Webinar Series: Introduction

16 October 2025

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# The International Wheat Genome Sequencing Consortium



[www.wheatgenome.org](http://www.wheatgenome.org)



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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 Events

## ► Webinar

- Thursday 11 December @11:00 am EST
- **Ancient Grain Genomics to simplify gene discovery and deployment in wheat**
- Presenter: Vijay Tiwary, University of Maryland, USA
- Registration <https://tinyurl.com/2hxrctzx>

## ► Workshop

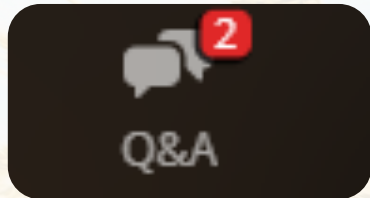
- Saturday 10 January 2026, 8:00-10:10 am EST
- **Plant and Animal Genome Conference (PAG33)**
- San Diego, CA, USA
- <https://intlpag.org/PAG33/>





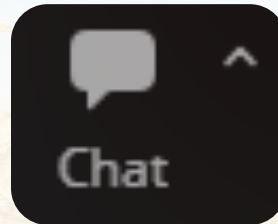
# Webinar Dashboard

- 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



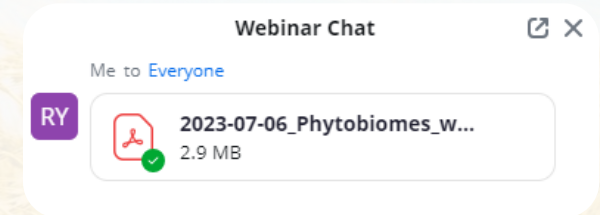
## Questions

*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>





- ▶ **Exploration and precision editing of host factors to develop bymovirus-resistant cereal crops**
- ▶ **Presenter:**  
**Ping Yang**  
State Key Laboratory of Crop Gene Resources  
and Breeding  
Institute of Crop Sciences  
Chinese Academy of Agricultural Sciences,  
Beijing, China

