

I W G S C



International Wheat Genome
Sequencing Consortium

IWGSC Webinar Series: Introduction

20 June 2024

Josh Stein
IWGSC Project Manager



The 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 Diversity Project

Preserve, discover, and mobilize genetic resources by sequencing landrace genomes that encompass the worldwide diversity 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 diversity within bread wheat



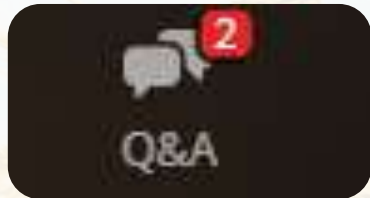
Upcoming IWGSC Events

- ▶ **IWGSC Workshop**, Plant and Animal Genome Conference
18-20 September 2024, Perth, Australia
<https://intlpagaustralia.org/24/>
- ▶ **IWGSC Webinar** – 17 October 2024, 11:00am EDT
 - ▶ Presenter: Ive De Smet (VIB-UGent Center for Plant Systems Biology, BE)
 - ▶ Talk title: "Comparative wheat phosphoproteome profiling pinpoints high temperature-associated breeding markers"
 - ▶ Registration: https://us06web.zoom.us/webinar/register/WN_N-jLe6FfTR6cTr2XxkFHfw#



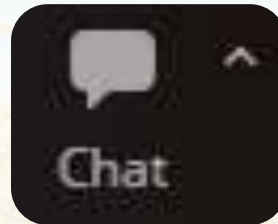
Webinar Dashboard

- 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



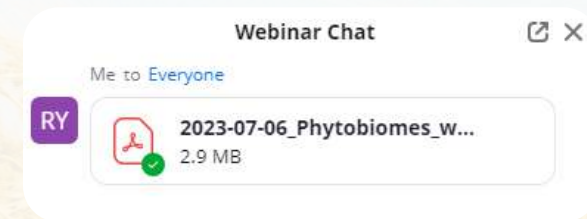
Questions

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>



- ▶ **Enhancing Crop Resilience: Genomic Insights and Novel Sources of Disease Resistance in Winter Wheat**
- ▶ **Presenter: Sandip Kale**
Assistant Professor
Crop Genetics and Biotechnology
Department of Agroecology
Aarhus University, Denmark





Thank you for your participation!

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