

I W G S C



International Wheat Genome
Sequencing Consortium

IWGSC Webinar Series: Introduction

30 January 2025

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The International Wheat Genome Sequencing Consortium

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78



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3,500



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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



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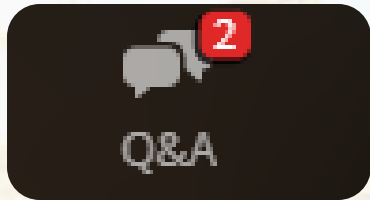
Upcoming IWGSC Webinar: 13 March 2025

- ▶ **Proteomic insights into protein biomarkers for root trait improvement in bread wheat**
- ▶ **Presenter: Tanushree Halder**
Sher-e-Bangla Agricultural University, Bangladesh
- ▶ **Registration: <https://tinyurl.com/35ctzrzx>**



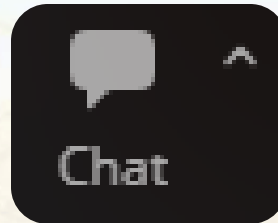
Webinar Dashboard

- 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



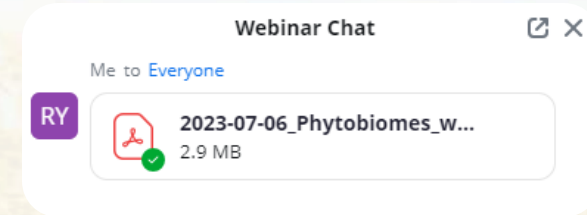
Questions

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>



- ▶ **VRNturing into the unknown: dissecting the role of VERNALIZATION2 (VRN2) in climate adaptation**
- ▶ **Presenter: Dominique Hirsz**
Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Germany



Thank you for your participation!

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