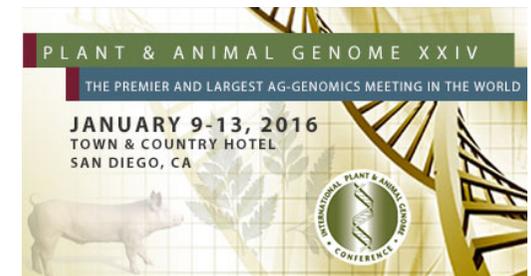
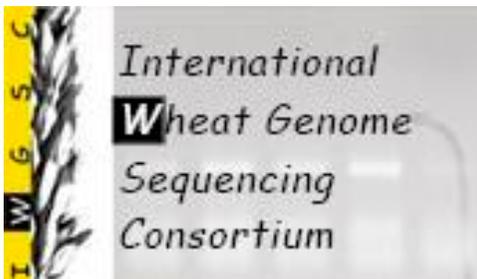


# IWGSC Open Business Meeting

**Kellye Eversole**  
IWGSC Executive Director

**Plant and Animal Genome Conference**  
**San Diego, California**  
**9 January 2016**



# Agenda

- Presentation of IWGSC leadership and early career awards
- Update of IWGSC
- Communications Report
- Project Status Report
- New Resources and new projects
- Exome Capture
- RNASeq Working Group
- Updated roadmap

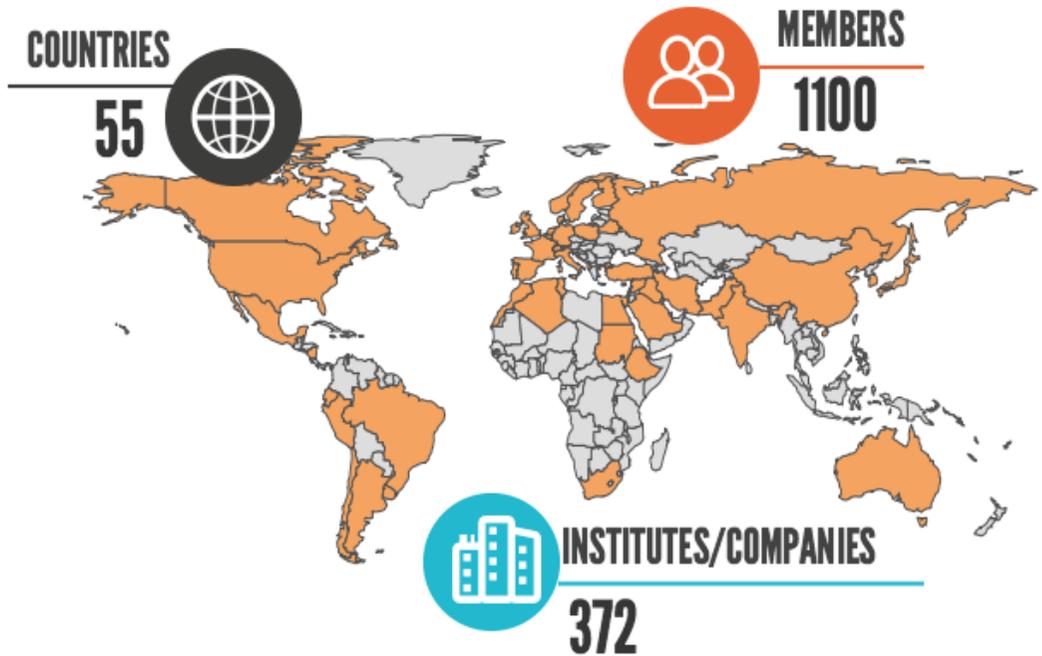
# IWGSC Awards

- Early career award – Tingting Zhu, UC, Davis
- IWGSC leadership awards
  - Jan Dvorak, UC, Davis
  - Ming-Cheng Luo, UC, Davis
  - John Jacobs and Bayer CropScience

# The International Wheat Genome Sequencing Consortium



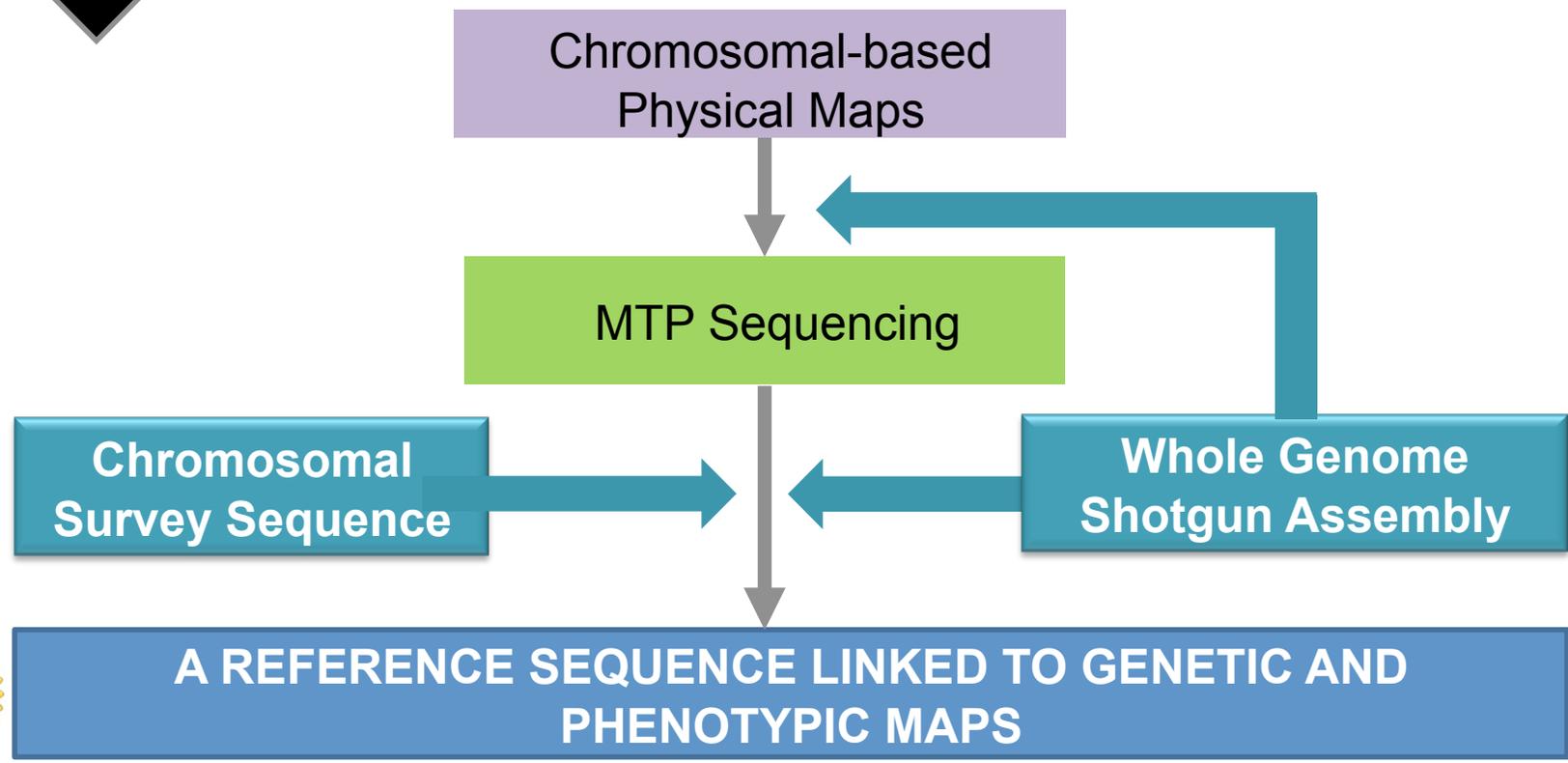
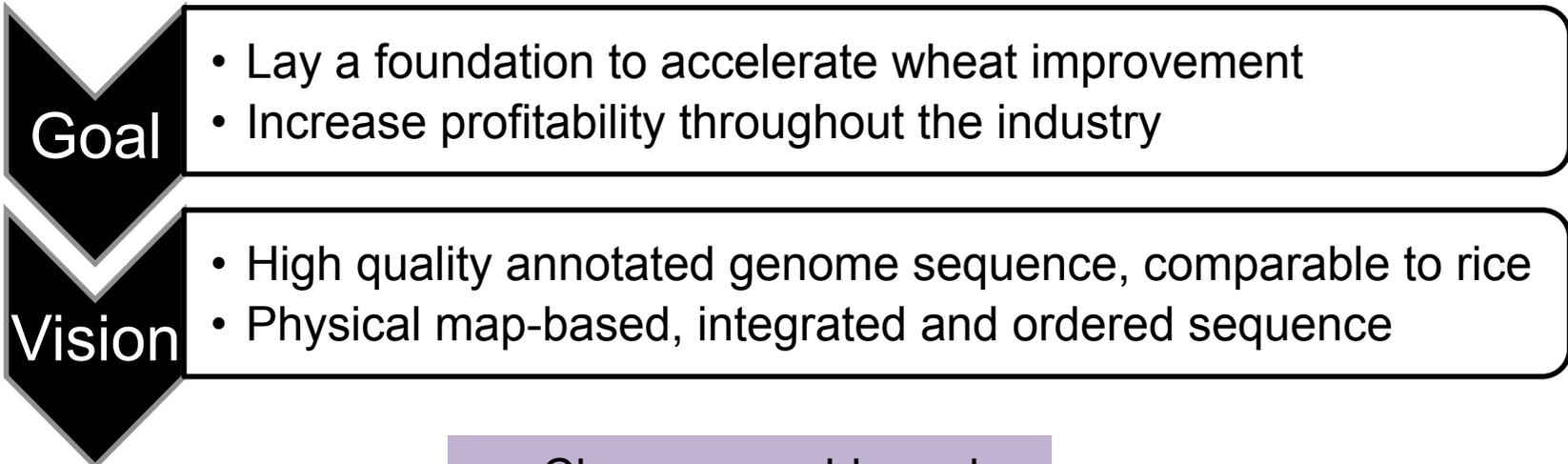
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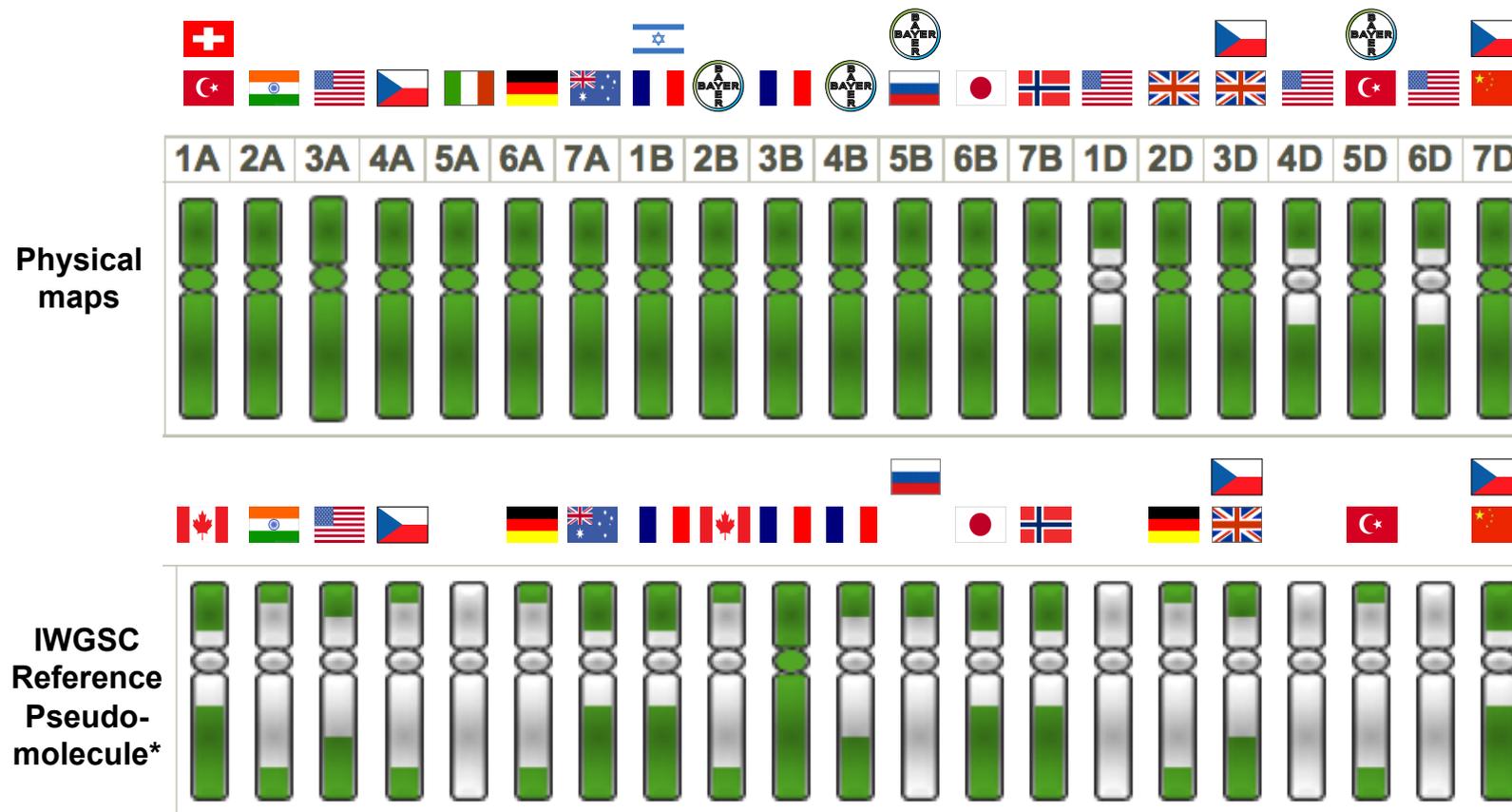
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# Vision and roadmap



# Progress towards completion of Bread Wheat Reference Genome Sequence



Physical maps available at IWGSC repository for all except 3AL

1 chromosome completed, 15.5 underway.

\*Flags represent countries where work is underway with funding, as of January 2016



# New Resources

- Physical maps and MTPs funded by Bayer CropScience for 2B, 2D, 4B, 5BL, and 5DL



- Copies of all BAC libraries at CNRGV



Institute of Experimental  
Botany of the AS CR, v. v. i.



- IWGSC CSS v3 – integrated mate pair data



UNIVERSITY OF  
SASKATCHEWAN

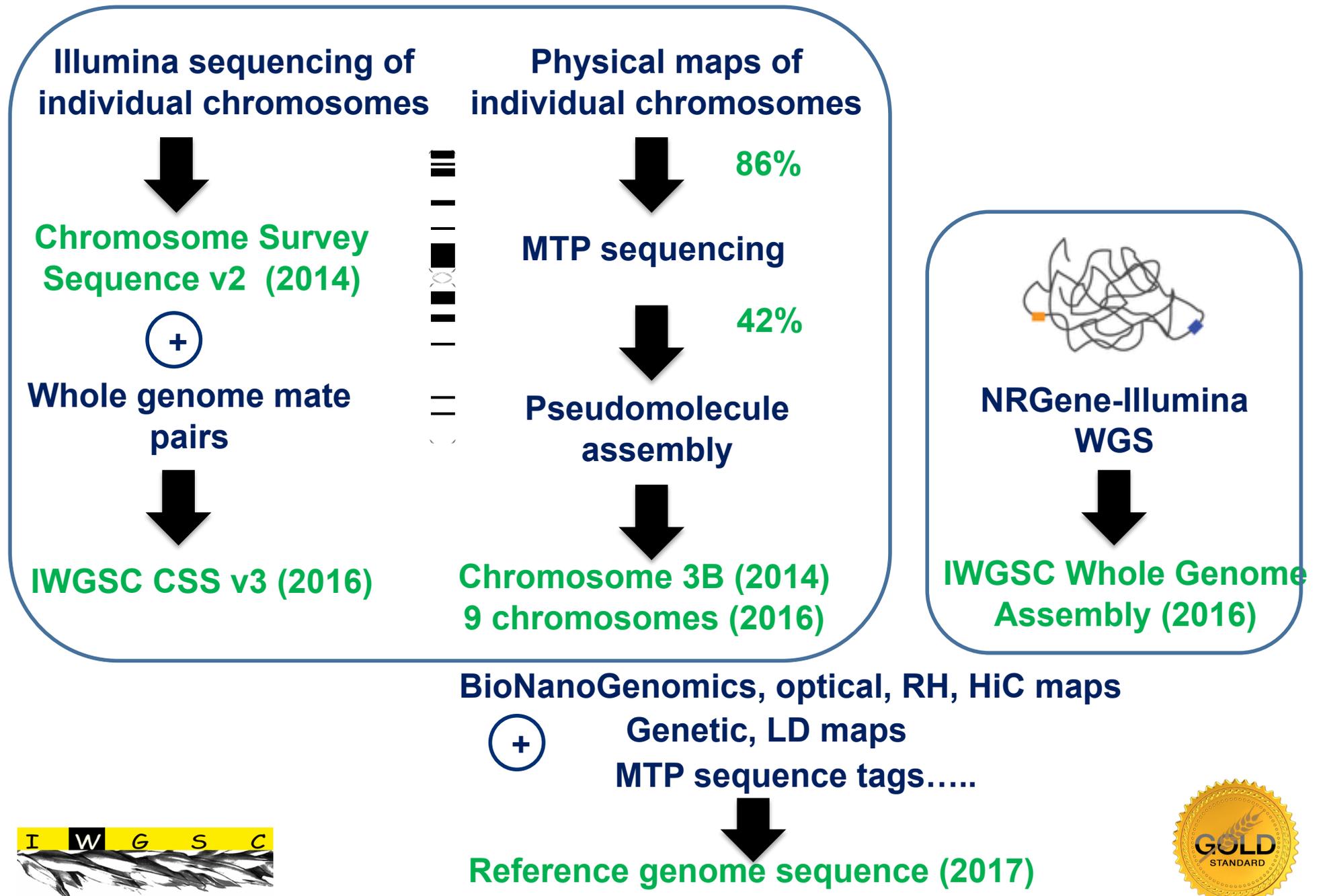
National Research Council Canada



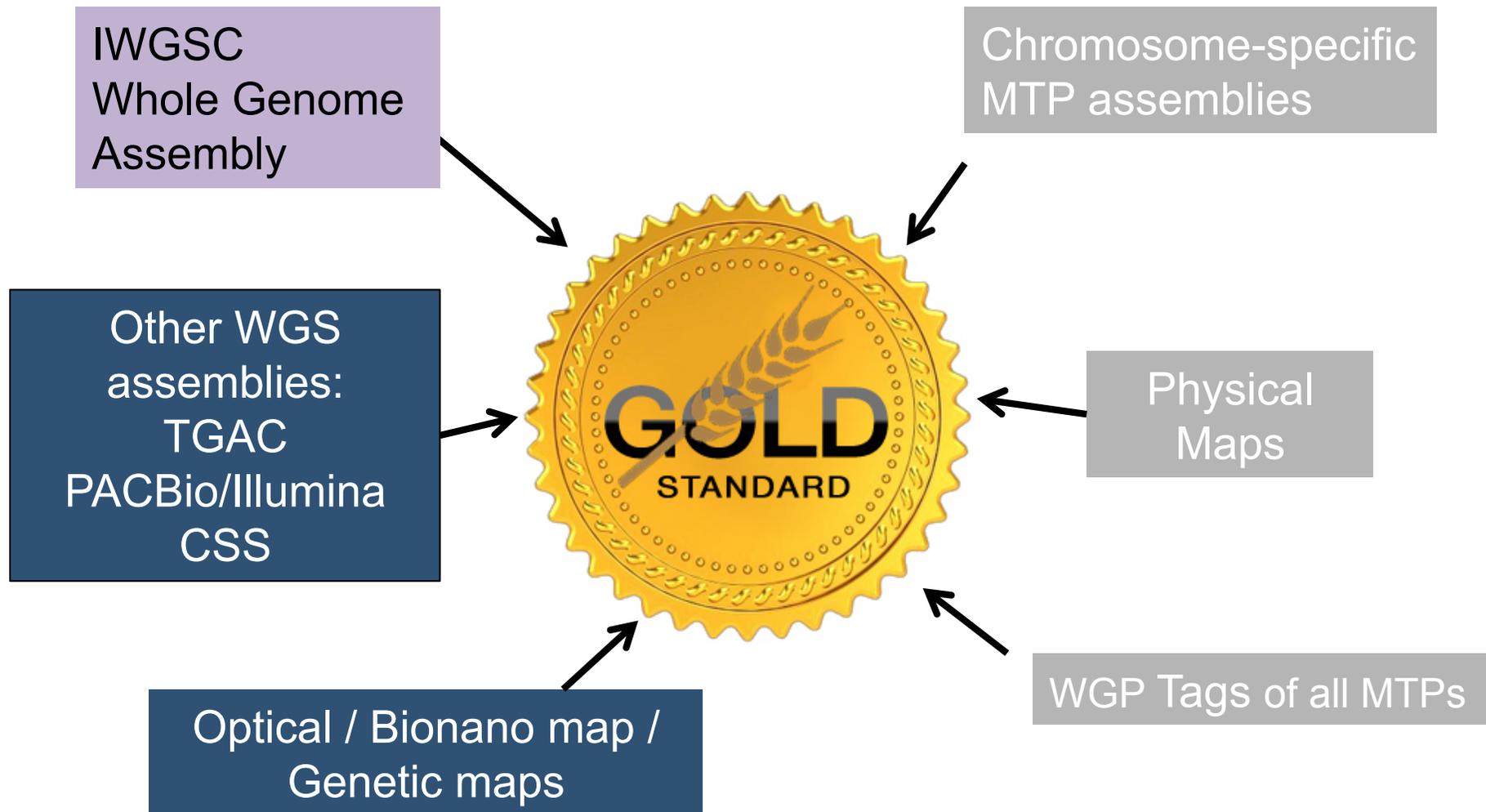
# New Projects/Activities

- Bayer CropScience-IWGSC project to generate WGP sequence tags for MTP BACs from fluorescently fingerprinted physical maps
- CS PacBio/Illumina Assembly
- RNASeq Working Group
- Exome Capture
- IWGSC Whole Genome Assembly

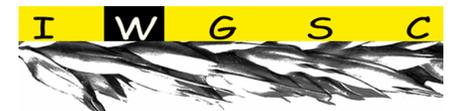
# Roadmap to the Wheat Genome Sequence



# Goal -- Achieving Reference release IWGSC v1.... 2016?



Discussions underway at IWGSC Coordinating Committee



# IWGSC Next Steps

- Monday – IWGSC CC
  - what needs to be done to have first reference sequence this year
  - next steps for the consortium – post 1<sup>st</sup> reference
- Tuesday – Standards & Protocols Workshop

# Acknowledgements

- IWGSC Leadership Team:
  - Rudi Appels, Murdoch University
  - Catherine Feuillet, Bayer CropScience
  - Beat Keller, University of Zurich
  - Jane Rogers, IWGSC
  - Kellye Eversole, IWGSC
- Members of the Coordinating Committee
- Leaders of the various physical mapping and sequencing projects, their team members, and collaborators
- IWGSC Staff – Lori Leach and Isabelle Caugant
- And.....



# IWGSC Sponsors



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Thank you!

