

The International Wheat Genome Sequencing Consortium

Launched in 2005 on the initiative of Kansas Growers



Co-Chairs

**R. Appels
Australia**

**J. Dvorak
USA**

**C. Feuillet
France**

**B. Gill
USA**

**B. Keller
Switzerland**

**Y. Ogihara
Japan**

**Executive Director:
K. Eversole**

**IWGSC
Sponsors**

21 Sponsors



**Funding or
Scientific
Contributors**

64 members, 20 countries

**Coordinating
Committee**

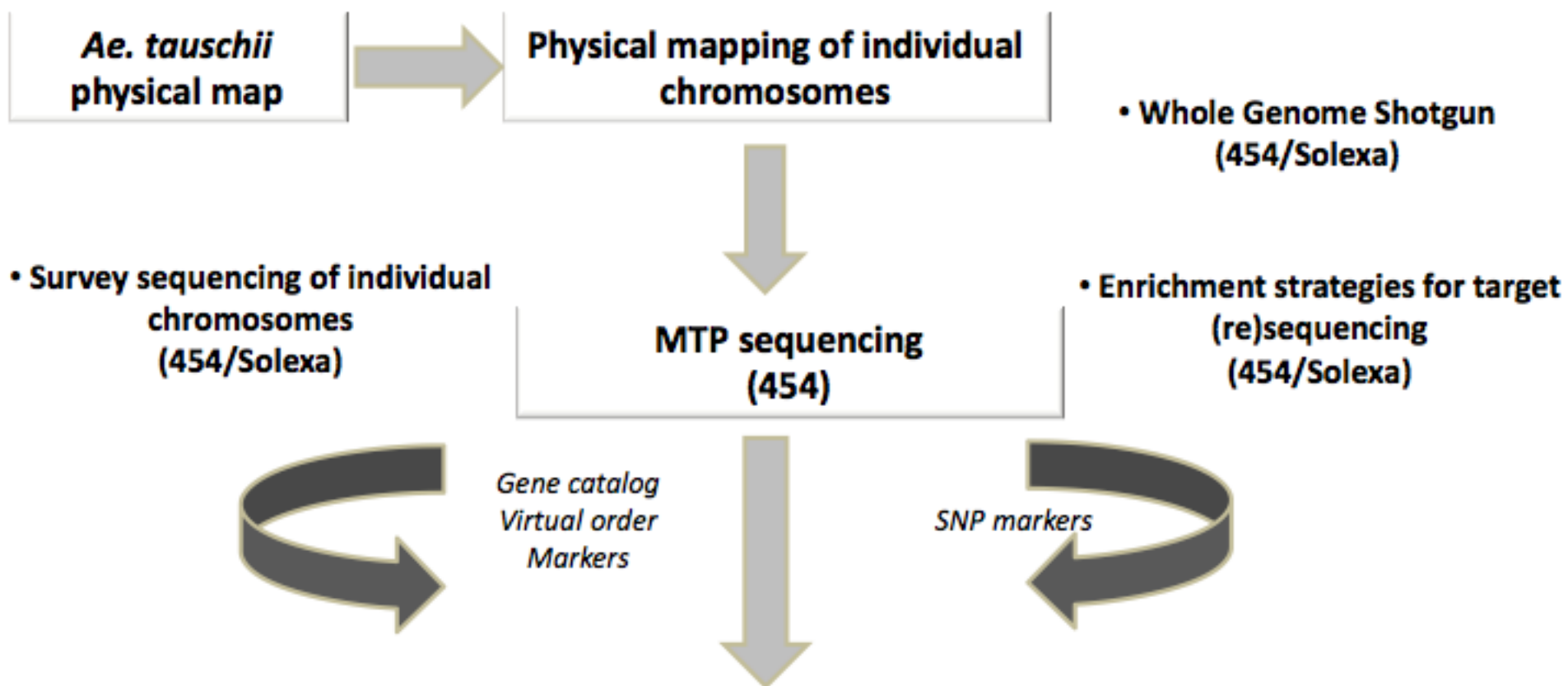
**General
Members**

> 228 members
28 countries



15 major projects
\$121 million USD

Combined strategies to establish a Chinese Spring reference genome sequence



A reference sequence anchored to the genetic and phenotypic maps

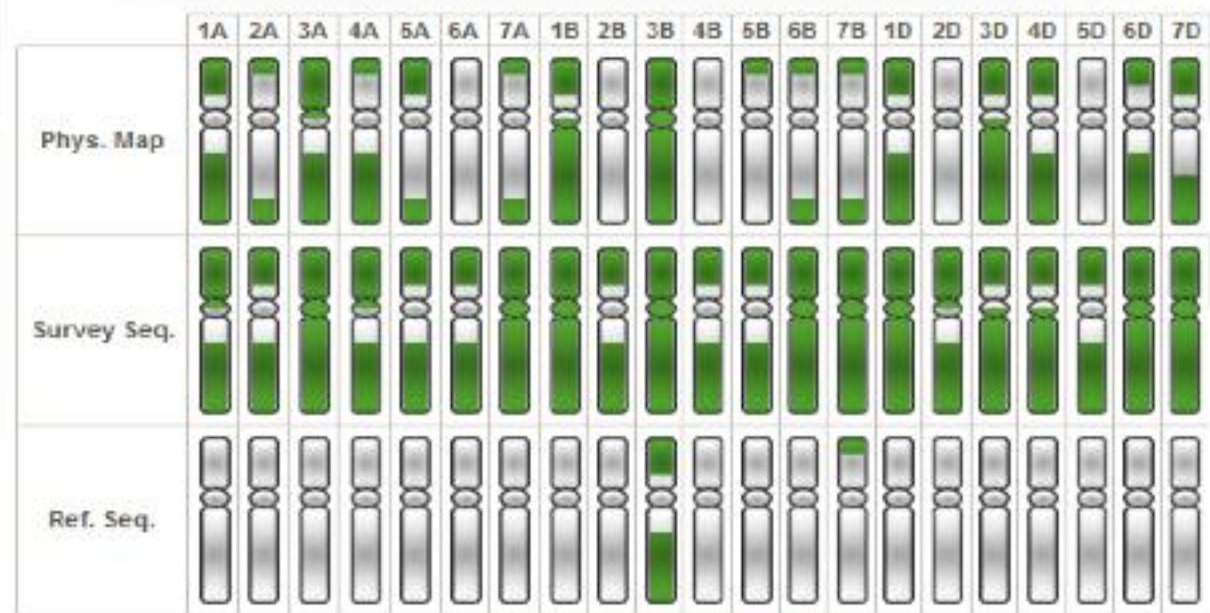




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Projects



2013

Projects progress overview

The vision of the IWGSC is to establish a high quality reference sequence of the wheat genome, anchored to the genetic/phenotypic maps to provide high resolution links between the traits and variations with the sequence features (i.e.,

International Research Initiative for Wheat Improvement

A mechanism to identify synergies and nurture collaborations via facilitated open communications between research programmes for wheat improvement, research and technology development.

Supported by the G20 members, and by research / funding organisations and research groups from many countries



What is IRIWI?

IRIWI is:

- A science-led initiative
- A way to bridge national and international programmes addressing grand challenges
- A mechanism for the wheat community to define and update research priorities
- A information platform for institutions to establish investment priorities
- Self-funded through members

IRIWI is not:

- A competing program with national or international existing initiatives
- A funding entity

Principles of Governance

Synergy through collaboration

Transparency

Sharing

Inclusivity

Engagement

Governance framework

Research Committee

- Public research national representatives
- Private companies representatives

Scientific Board

- Elected from national representatives and chairs of expert working groups
- 1 scientific coordinator

Expert Working groups

- Experts on specific topics

Institutions' coordination committee

- Research and funding organisations representatives

Research Committee

(G20 documentation termed 'International Wheat Research Coordination Committee')

Role

- Oversee development of the vision and strategy and monitor their implementation.
- Review the scientific outputs from the Expert Working Groups.
- Provide updates on national research efforts relevant to IRIWI.
- Suggest coordination and collaboration in specific areas of research.
- The Research Committee is a decision making body (e.g. approval final version of the strategy, conference development, approve documents for submission to Institutions' Coordination Committee).

Members

- 1 National Representative per country (scientific leader), appointment duration 3 years (renewable), individual countries to set nomination process for that country.
- 1 Representative from Global WHEAT Programme (CGIAR)
- 1 Representative per private company (membership fee)
- National Representatives will act as a first point of contact for the country for research issues.
- National Representatives are expected to represent the collective view of wheat researchers for the country they are representing.
- Members of the Research Committee may also be members of 1 or more Expert Working Group

Meetings

- Annually. Website will provide private space to support additional virtual meetings and exchanges

Institutions' Coordination Committee

Role

- Provision of information on national and transnational funding programmes
- Receiving reports on wheat research strategic orientations and their funding needs
- Coordination of funding to add value to national investments

Members/observers

- Representatives of funding agencies and research organisations of participating countries (membership fees)
- To include transnational funding organisations.
- World Bank, UN and FAO invited as observers
- Members elect the Chairperson.

Meetings

- Annually.
- Secretariat: Scientific Coordinator + assistants
- Members may opt to form one or more sub-groups e.g. if 2 or more funders agree to develop a joint funding initiative (these sub-groups could include other national funders as appropriate).

Tasks for 2011/12

- **IRIWI Kick-Off meeting**, Paris, September 15
- Establishing and populating the **governance structure**
- Produce draft of **vision paper and strategic plan** for consultation
- **Wheat Centralised Information System** : consultation on needs and choice of hosting platform. Feedback from Plant GEM2010 IRIWI consultation
–” *‘A TAIR for wheat’ would be great*”
- Building the IRIWI **Website**. Site to include forums for the Committees, etc.

