

# BIC Genetics Committee Minutes

Meeting during the 2005 BIC Meeting  
Newark, Delaware, November 3<sup>rd</sup>

Started: 3:40PM

## Attendance:

- |                               |                           |
|-------------------------------|---------------------------|
| 1. Parthiba Balasubramanian   | AAFC-Morden, MB           |
| 2. Priscila Zaczuk Bassinello | EMBRAPA, Brazil           |
| 3. Jim Beaver                 | University of Puerto Rico |
| 4. Matthew Blair              | CIAT                      |
| 5. Jim Kelly                  | Michigan State            |
| 6. Margarita Lema             | University of Idaho       |
| 7. Phil Miklas                | USDA-ARS                  |
| 8. Jim Myers                  | Oregon State University   |
| 9. M.A. Pastor-Corrales       | USDA/ARS                  |
| 10. Tim Porch                 | USDA/ARS                  |
| 11. Asgar Shirmohamadali      | Harris Moran Seed         |
| 12. Shree Singh               | University of Idaho       |
| 13. Ann Marie Thro            | CSREES, USDA              |
| 14. Carlos Urrea              | University of Nebraska    |
| 15. Celeste G. Vidigal        | UEM-Maringa, Brazil       |
| 16. Pedro Soares Vidigal      | UEM-Maringa, Brazil       |
| 17. Molly Welsh               | USDA-ARS                  |

## Minutes:

Topic: New anthracnose locus, *Co-11*

### Decision

1. Accepted symbol of *Co-11* for new anthracnose resistance gene from 'Michelite'. Celeste Vidigal presented allelism testing results from the manuscript "Characterization of anthracnose resistance in Michelite" that shows that the gene from 'Michelite' represents a new locus, accepted by the committee as *Co-11*.

Topic: 'Jalo L.P.' anthracnose genetics

### No Decision

2. Celeste Vidigal will complete the allelism tests for determining the genetics of anthracnose resistance in 'Jalo L.P' and will submit these results to the Genetics Committee.

Topic: 'Jalo Vermelho' anthracnose genetics

### No Decision

3. Celeste Vidigal will complete the allelism tests for determining the genetics of anthracnose resistance in 'Jalo Vermelho' and will submit these results to the Genetics Committee.

Topic: New anthracnose allele in 'Widusa', *Co-1*<sup>5</sup>

Decision

4. Jim Kelly and Celeste Vidigal presented allelism testing results for 'Widusa' showing that anthracnose resistance from 'Widusa' is conferred by a new allele of *Co-1*<sup>5</sup>. The committee accepted the designation of *Co-1*<sup>5</sup>.

Topic: Designation of *Co-7*

Decision

5. Decision that the 1998 paper, "Marker-assisted dissection of the oligogenic anthracnose resistance in the common bean cultivar, G2333," (Theor. Appl. Genet. 96:87-94) has precedence for the naming of the *Co-7* locus. A note will be sent on behalf of the Genetics Committee to the French group indicating that the 1998 paper has precedence over their later publication.

Topic: Phaseolin variants

Decision

6. Manuscript describing and naming new phaseolin variants in manuscript "Genetic diversity and origin of Slovene common bean (*Phaseolus vulgaris* L.) germplasm as revealed by AFLP markers and phaseolin analysis" will be sent to Daniel Debouck for review. His recommendations will then be sent to the Genetics Committee for final decision regarding the naming presented in the manuscript.

Topic: New membership in Genetics Committee

Decision

7. Carlos Urrea was nominated and accepted as a new member of the Genetics Committee.

Topic: Chairmanship of Genetics Committee

Decision

8. Tim Porch was nominated and accepted as the new chairman of the Genetics Committee to replace Jim Beaver.

Topic: Naming of QTL for root rot resistance

No Decision

9. Jim Neinhuis will submit publications proposing the naming of new QTL for *Pythium ultimum* resistance, showing simple single-gene inheritance, to the genetics committee for review.

Topic: Gene symbol orphans

No Decision

10. Genes not found on the BIC list of gene symbols, such as *Phg-1* and *Phg-2*, need to be identified and reviewed for inclusion on the BIC gene list. When these cases are found, they should be submitted to the Genetics Committee. Celeste G. Vidigal will contact the authors of the manuscripts that proposed *Phg-1* and *Phg-2* to suggest that a formal request to the Genetics Committee be made to accept the use these symbols.

Minutes submitted by Tim Porch