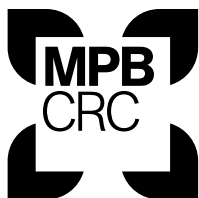


*Get into Genes* is an interactive biotechnology education program that highlights the latest technologies and techniques used in molecular plant breeding programs. *Get into Genes* has been developed especially for secondary school students and teachers.

Each workshop has curriculum links and is a perfect complement to the Macromolecules section of SACE Stage 2 Biology.



An initiative of the Molecular Plant Breeding CRC and the Australian Centre for Plant Functional Genomics.

[www.getintogenes.com.au](http://www.getintogenes.com.au)



## What does it involve?

- Introduction: An animated Powerpoint presentation covering the fundamentals of DNA and the way it is used in plant breeding programs.
- Four hands-on work stations investigating:
  - Plant breeding
  - DNA extraction
  - Gel electrophoresis
  - Restriction enzymes / molecular markers
  - New PCR station coming soon
- Conclusion: An animated Powerpoint presentation summarising genetic engineering technologies and their applications, giving 'real-world' examples.
- Complementary teacher notes and class room activities.

## Who is it for?

- *Get into Genes* can be tailored to suit students from Year 9 to 12, studying either science, agriculture or biology.

## Where is it?

- The Plant Genomics Centre at The University of Adelaide's Waite Campus, Hartley Grove, Urrbrae.
- Tours of laboratory facilities and the Waite Campus are available upon request.
- Workshops may be delivered at rural schools (outreach) upon request at the discretion of *Get into Genes* staff.

## When is it available?

- Bookings can be made for any Wednesdays and Thursdays.
- Allow two hours for each workshop.

## How do I book?

Contact the Plant Genomics Centre Reception

Phone: (08) 8303 7182

Fax: (08) 8303 7102