



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 Unit 4 of the VCE Biology Study Design.

Follow-up assessment materials can be used as a School-Assessed Coursework task.



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

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.
- **Hands-on work stations investigating:**
 - Plant breeding
 - DNA extraction
 - Gel electrophoresis
 - Restriction enzymes/molecular markers
 - PCR
- **Conclusion:** An animated Powerpoint presentation summarising genetic engineering technologies and their applications, giving 'real-world' examples.
- **Complementary teacher notes and class room activities:** Including material to use for VCE Biology School Assessed Coursework.

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?

- Reid Building, Faculty of Science, Technology and Engineering La Trobe University Bundoora.
- Tours of the Faculty are available on request.
- *Get into Genes* is also delivered in the School of Botany, University of Melbourne.
- 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 Mondays, Tuesdays or Wednesdays.
- Allow 2 hours for each workshop.

How do I book?

Contact the Education Officer

Phone: (03) 9479 5185

Email: vic.bookings@getintogenes.com.au

