



AREA

ADVANCING RESEARCH IN AGRICULTURAL AND FOOD SCIENCES AT FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE

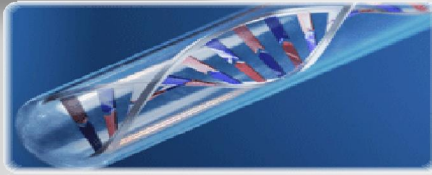


Molecular Laboratory for Plant Taxonomy and Resistance to Pesticides

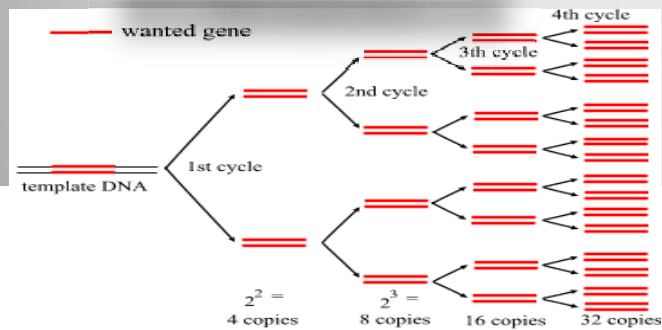


This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 316004

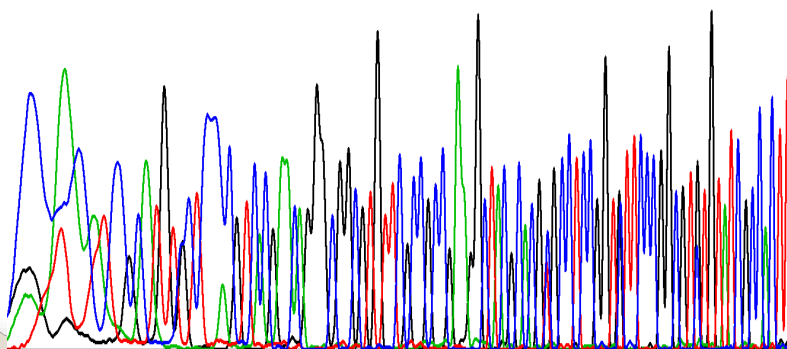
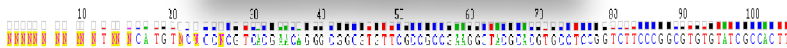
DNA extraction



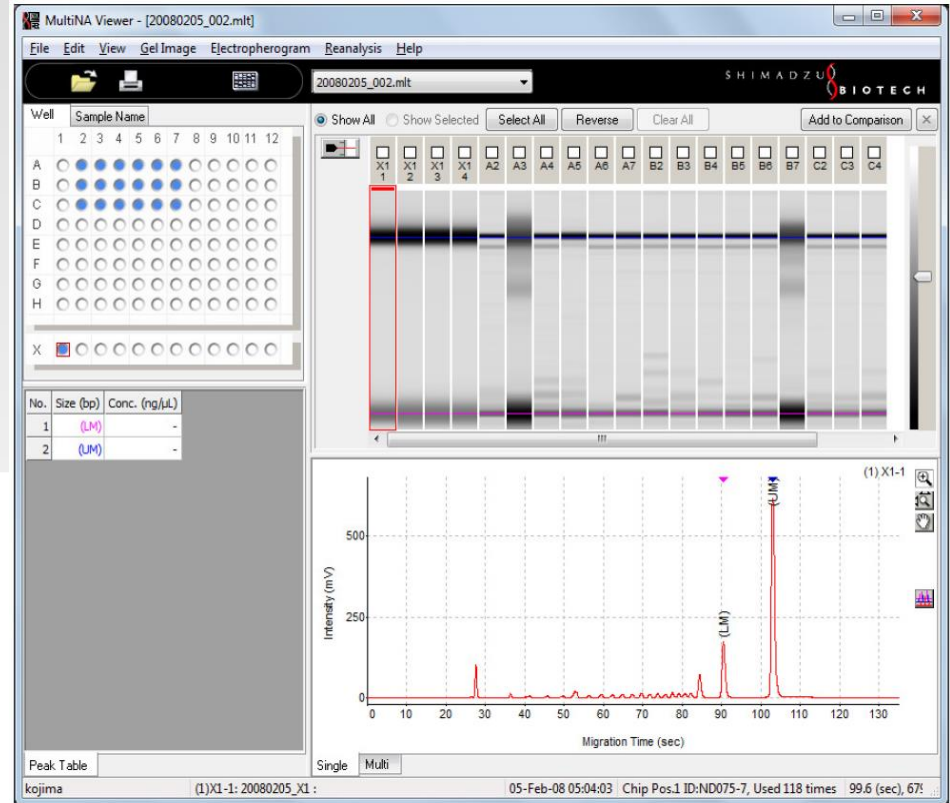
DNA Amplification



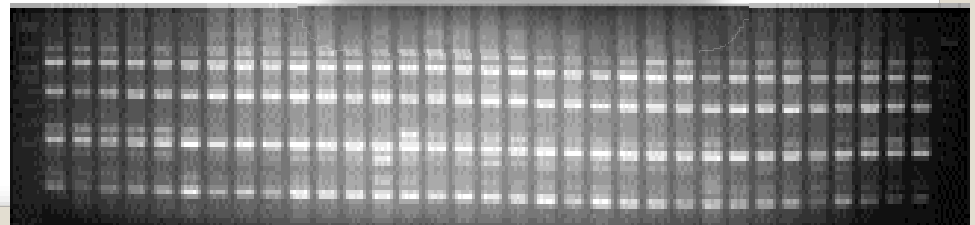
Detection of Target Site Mutation



PCR Products Quantification by Microchip Electrophoresis System



Genetic Variability of Plants



Research facilities:

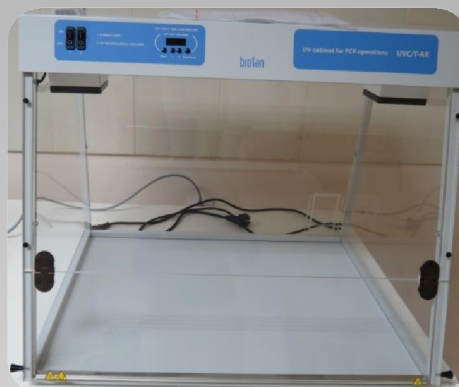
MagCore Nucleic Acid Extractor, RBC Bioscience



TissueLyser LT, Qiagen



UVC/T-AR, DNA/RNA UV-cleaner box, Biosan



Mastercyclers, Nexus GSX1



Centrifuge 5427R and Micispin, Eppendorf



Termomixer C, Eppendorf



Spektrofotometer UV-1800, Shimadzu



Microchip Electrophoresis System for DNA/RNA Analysis MCE-202 MultiNA



WEEDSCI

Working team:

Prof. Sava Vrbničanin (sava@agrif.bg.ac.rs)
Ass. prof. Dragana Božić (dbozic@agrif.bg.ac.rs)
Darko Stojićević, PhD student (michule87@gmail.com)
Markola Saulić, PhD student (markolasaulic@gmail.com)
Aleksandra Savić, PhD student (aleksandra.m.savic@gmail.com)

Research interest:

- ✓ Target site mutation responsible for weed resistance to herbicides
- ✓ Genetic variability of weed populations
- ✓ Gene flow from herbicide tolerant crops to wild relatives
- ✓ Determination and molecular characterisation of weed species

Working team:

Prof. Zora Dajić Stevanović (dajic@agrif.bg.ac.rs)
Prof. Marina Mčukanović Jocić (marmajo@agrif.bg.ac.rs)
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Milica Petrović, PhD student (mpetrovic.azs@gmail.com)

Research interest:

- ✓ Molecular plant taxonomy and population genetics
- ✓ Medicinal and aromatic plants secondary metabolites
- ✓ Phytocenology
- ✓ Palinology and meliferous plant species