



AREA

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

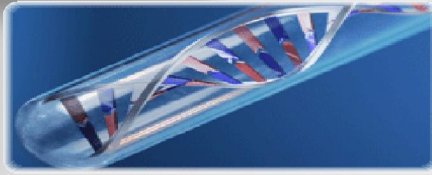


This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 316004

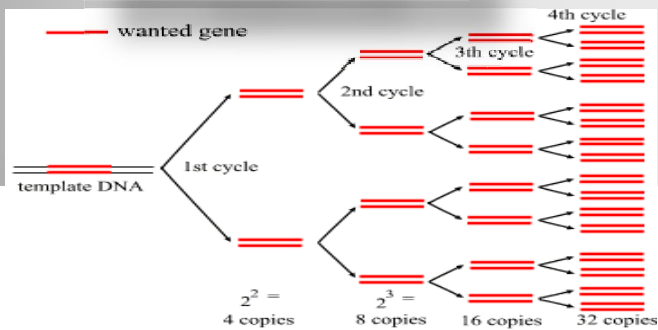
Molekularna laboratorija za taksonomiju biljaka i rezistentnost na pesticide



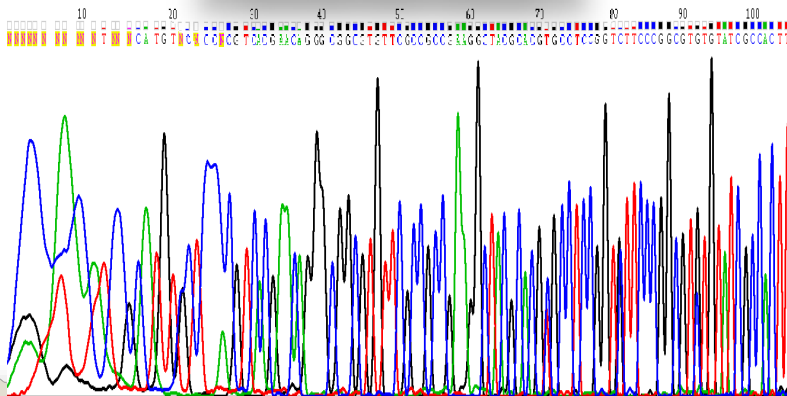
Ekstrakcija DNA



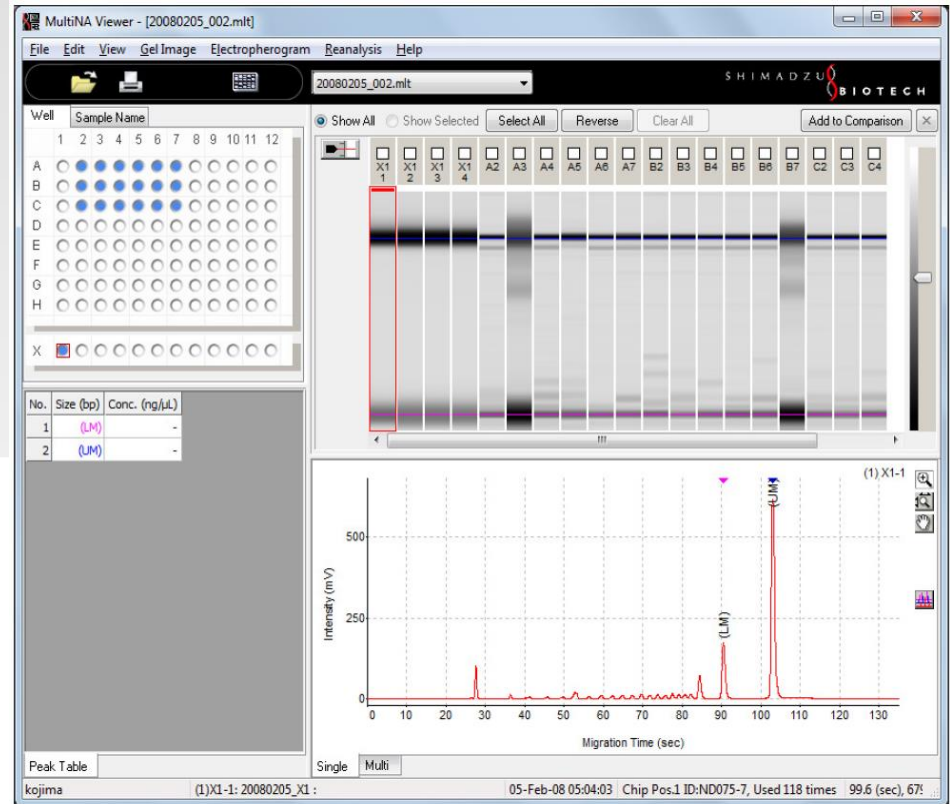
Amplifikacija DNA



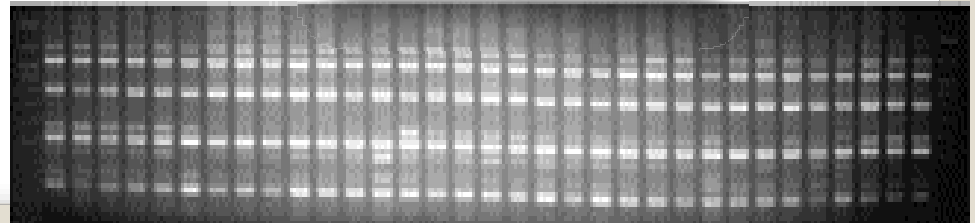
Detekcija ciljanih mutacija



Kvantifikacija PCR produkata pomoću Sistema za elektroforezu sa mikročipom



Genetička varijabilnost biljaka



Oprema:

Ekstraktor MagCore Nucleic Acid, RBC Bioscience



TissueLyser LT, Qiagen



UV- komora UVC/T-AR, DNA/RNA, Biosan



PCR uređaji, Nexus GSX1



Centrifuga 5427R i Micispin, Eppendorf



Termomixer C, Eppendorf



Spektrofotometar UV-1800, Shimadzu



Sistem za elektroforezu sa mikročipom za analizu DNA/RNA, MCE-202 MultiNA



WEEDSCI

Istraživački tim:

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Oblast istraživanja:

- ✓ Mutacije odgovorne za rezistentnost korova na herbicide
- ✓ Genetička varijabilnost korova
- ✓ Transfer gena sa useva tolerantnih na herbicide na divlje srodnike
- ✓ Determinacija i molekularna karakterizacija korovskih vrsta

Working team:

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Oblast istraživanja:

- ✓ Molekularna taksonomija biljaka i populaciona genetika
- ✓ Sekundarni metaboliti lekovitih i aromatičnih biljaka
- ✓ Fitocenologija
- ✓ Palinologija i medonosne biljne vrste