

Universidad Nacional de Asunción



Centro Multidisciplinario de Investigaciones
Tecnológicas

Departamento de Biotecnología

Marcadores Moleculares: SSR e ISSR

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Programa Vinculación de Científicos y Tecnólogos



Universidad de Buenos Aires

Facultad de Ciencias Exactas y Naturales

Departamento de Genética Molecular



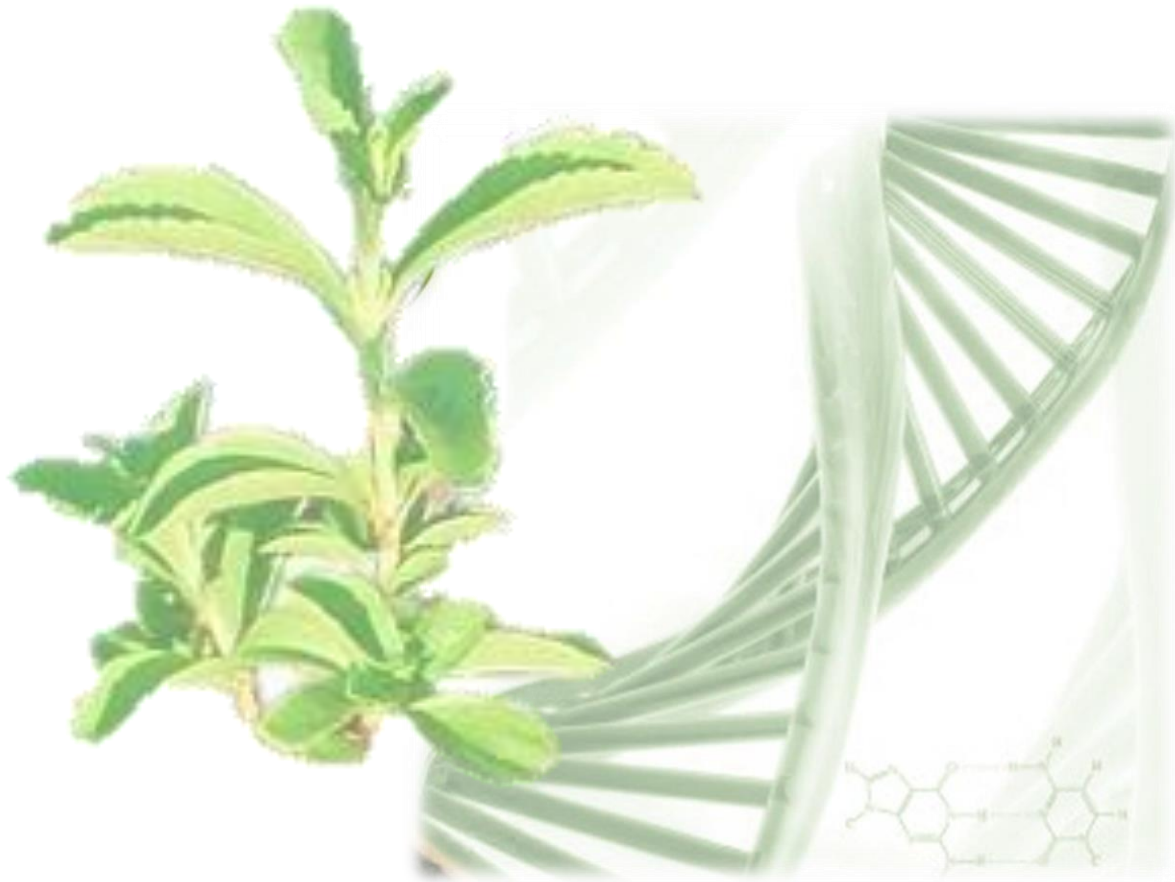
Tutora: Dra. Laura Ferreyra

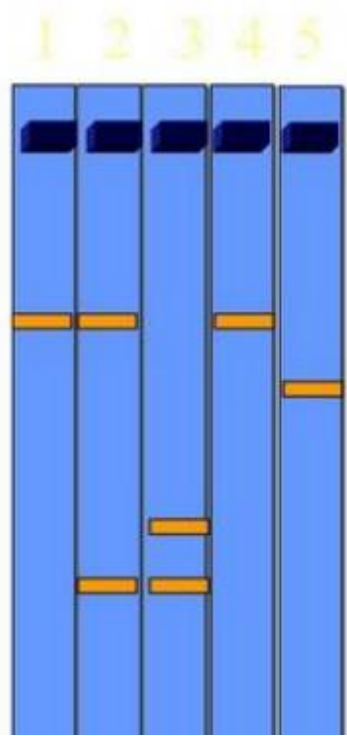
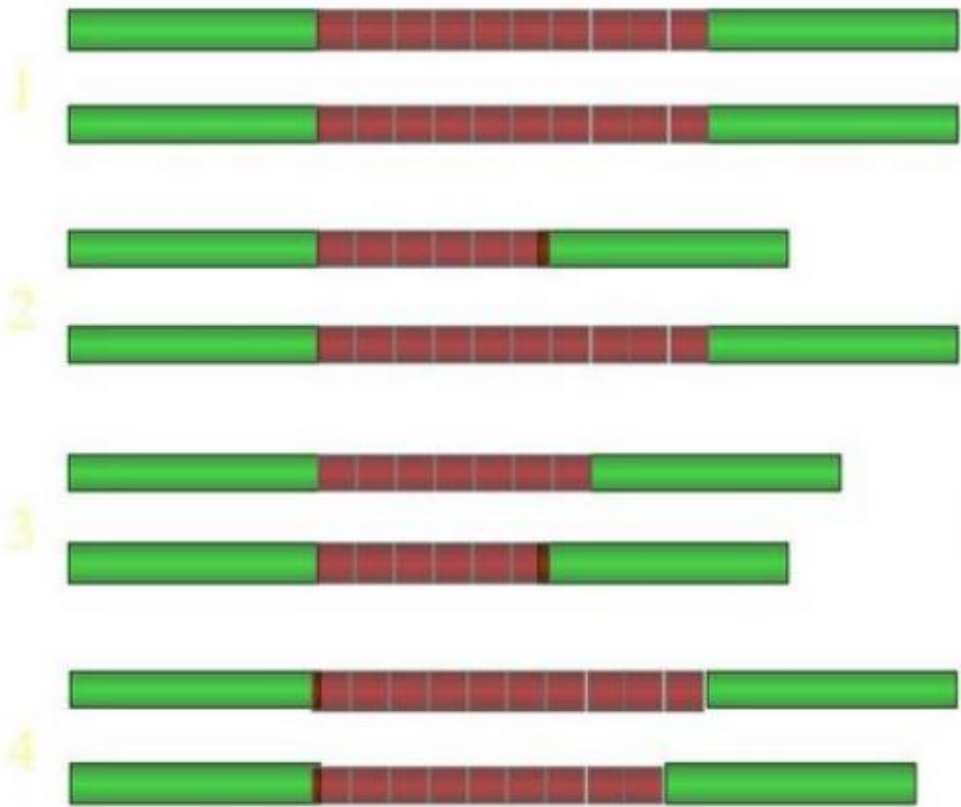
Objetivo de la estancia de vinculación:

- Adquirir entrenamiento en empleo de marcadores moleculares SSR e ISSR para la caracterización molecular de especies vegetales.



Marcadores Moleculares







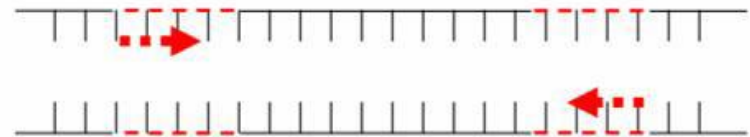
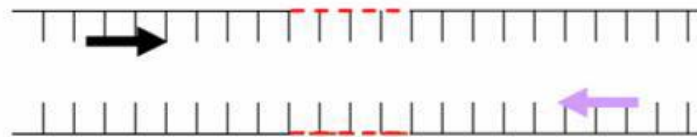
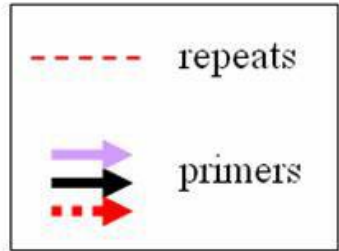
SSR



ISSR



during PCR process ...

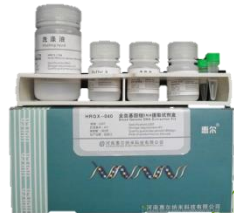


Metodología



**Muestras
frescas**

**Procesamiento
de muestra**



**Extracción
de ADN**

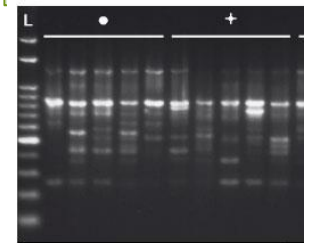
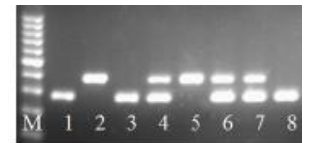


PCR

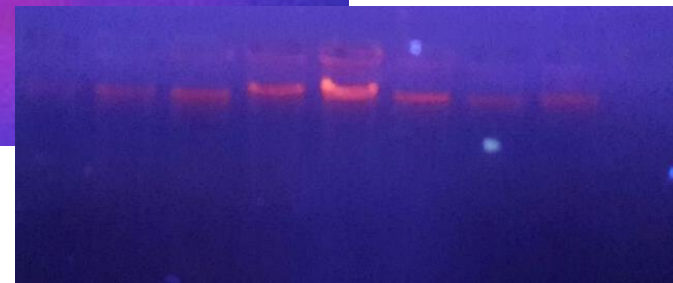
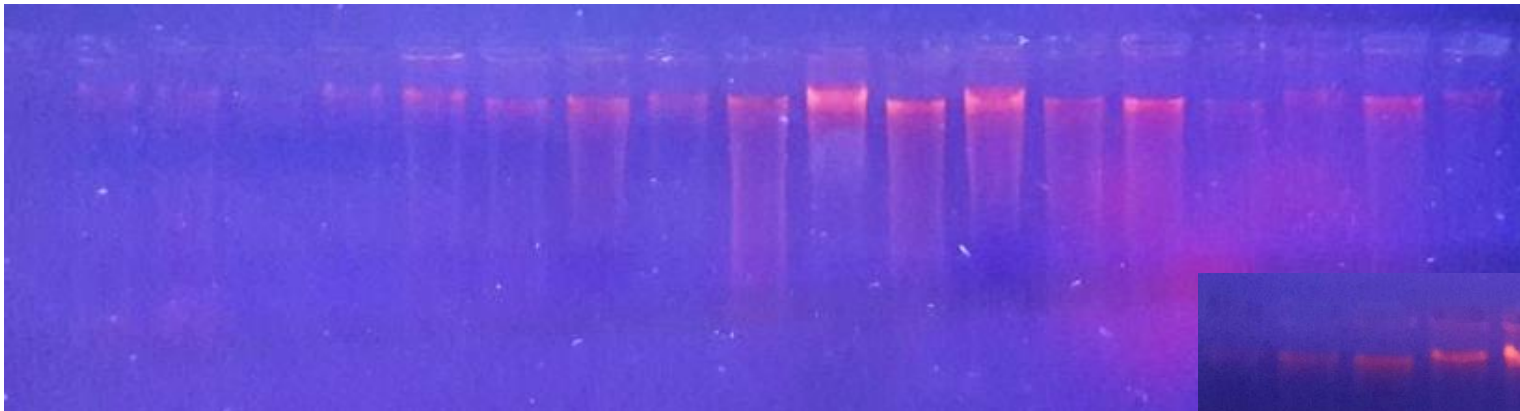
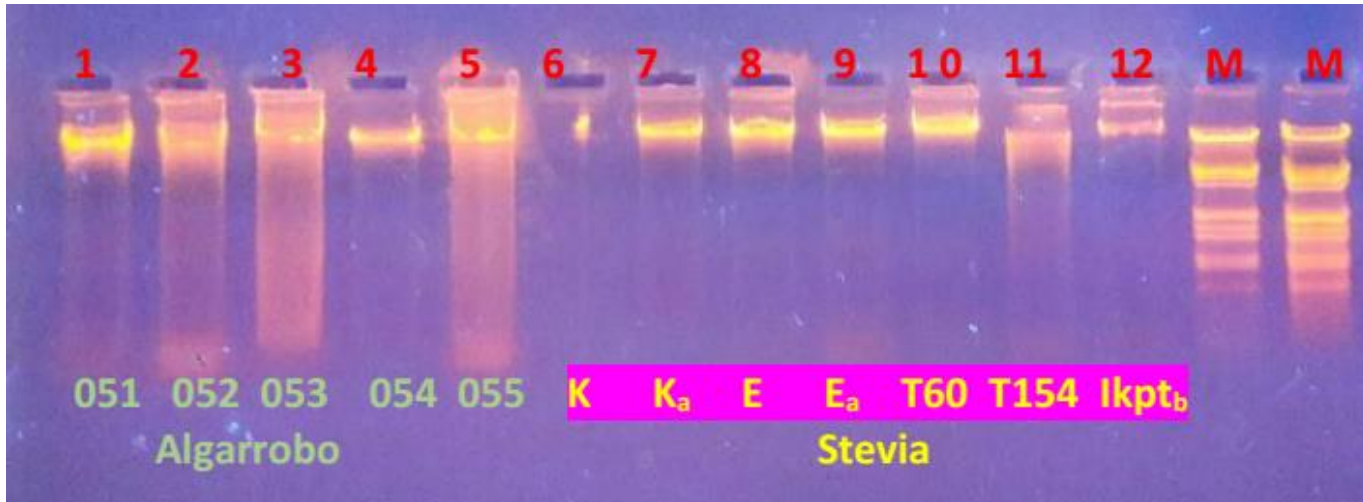
SSR

ISSR

Electroforesis



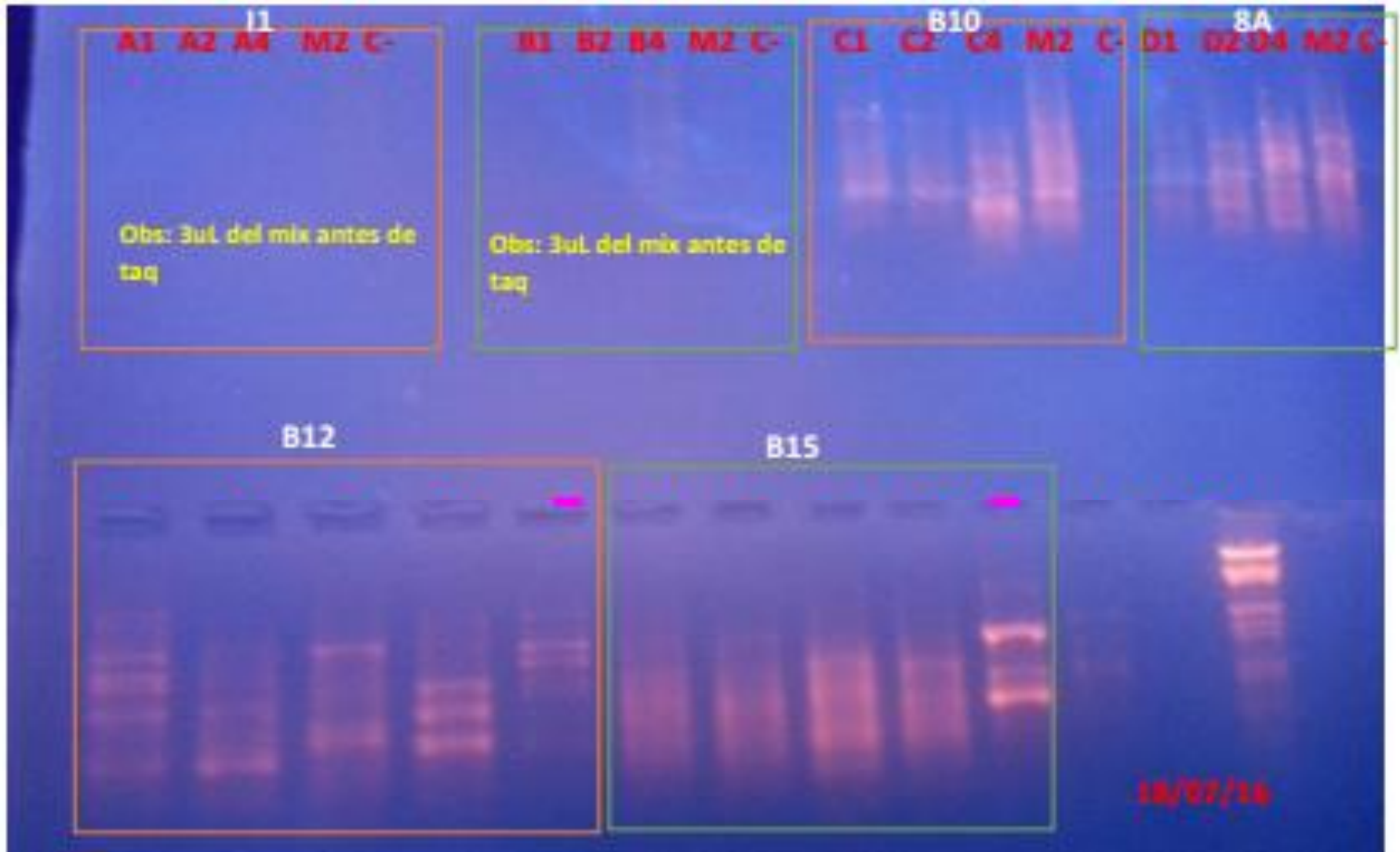
Gel de calidad



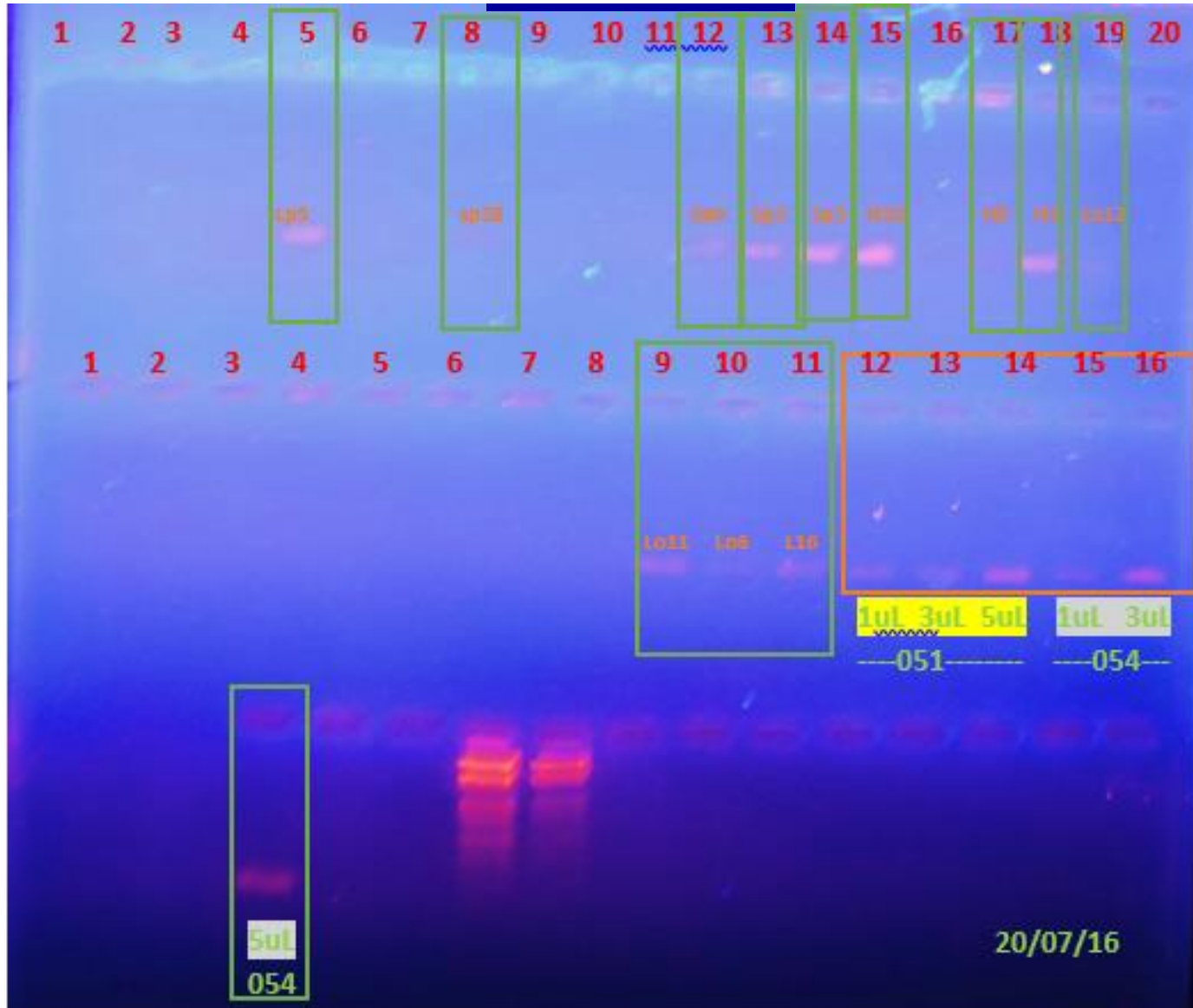
Prueba ISSR a



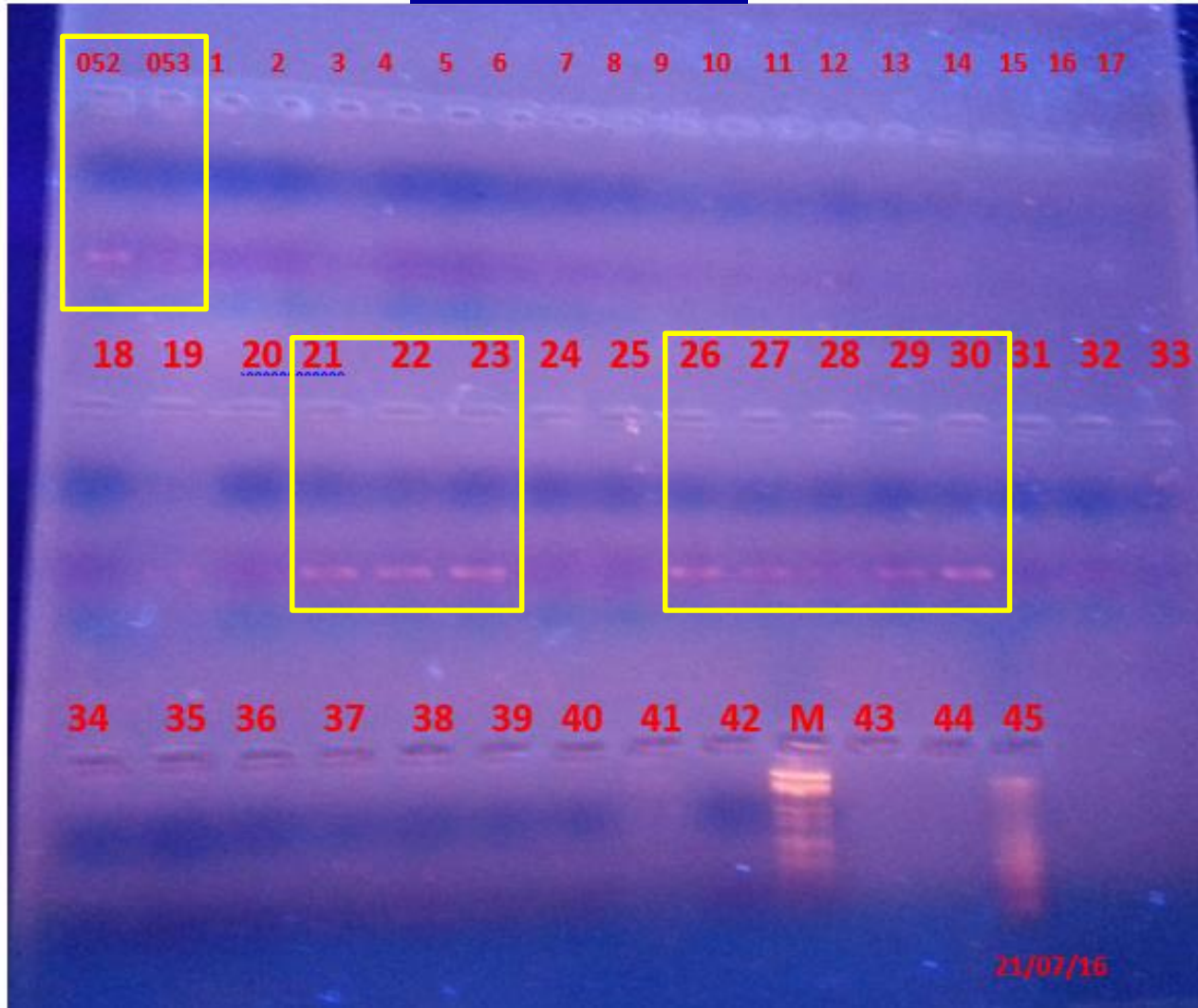
Prueba de distintos primers para ISSR



Prueba SSR Primer St



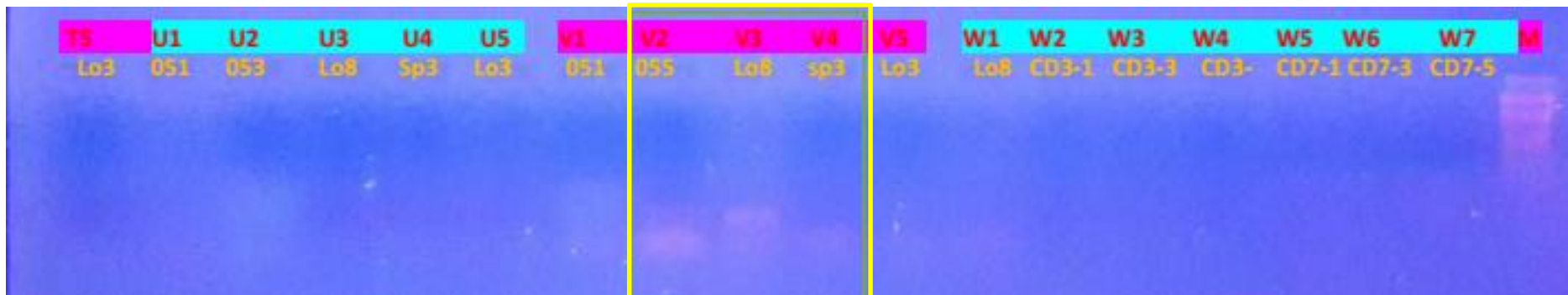
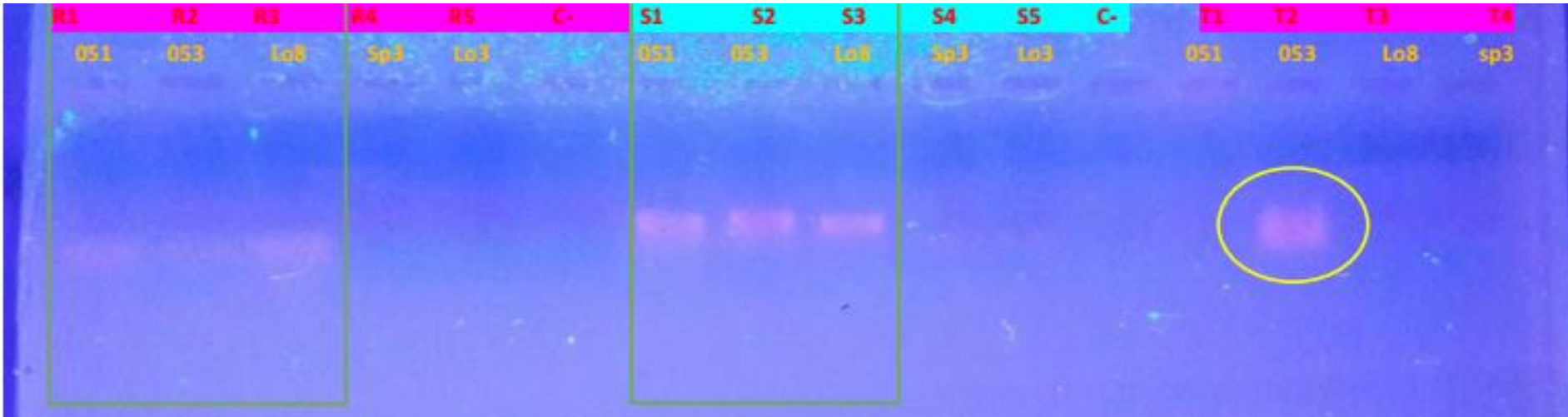
Prueba SSR Primer St



Prueba de distintos primers SSR



Prueba de distintos primers SSR

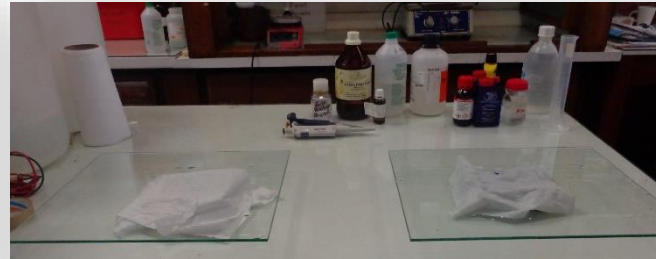


Geles de alta resolución

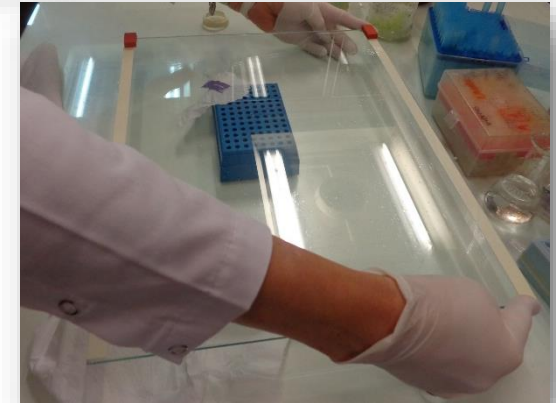
Lavado de vidrios



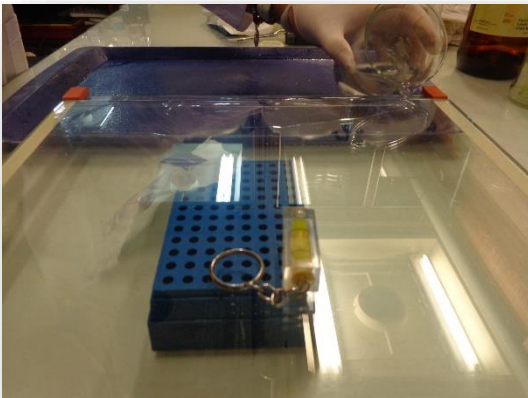
Secado



Colocación de separadores

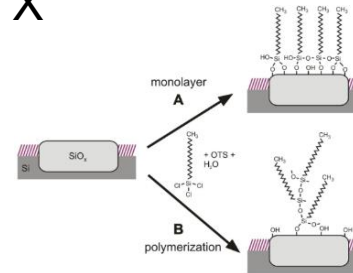


Vertido de solución de poliacrilamida



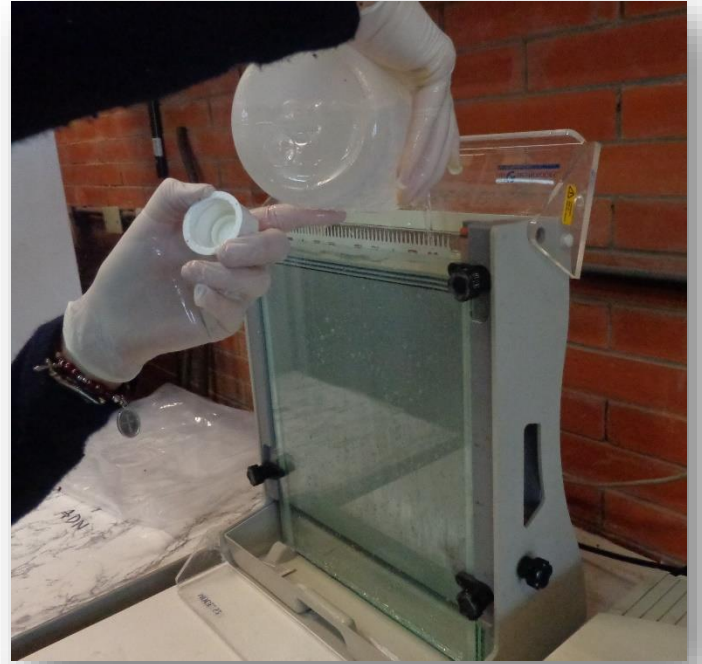
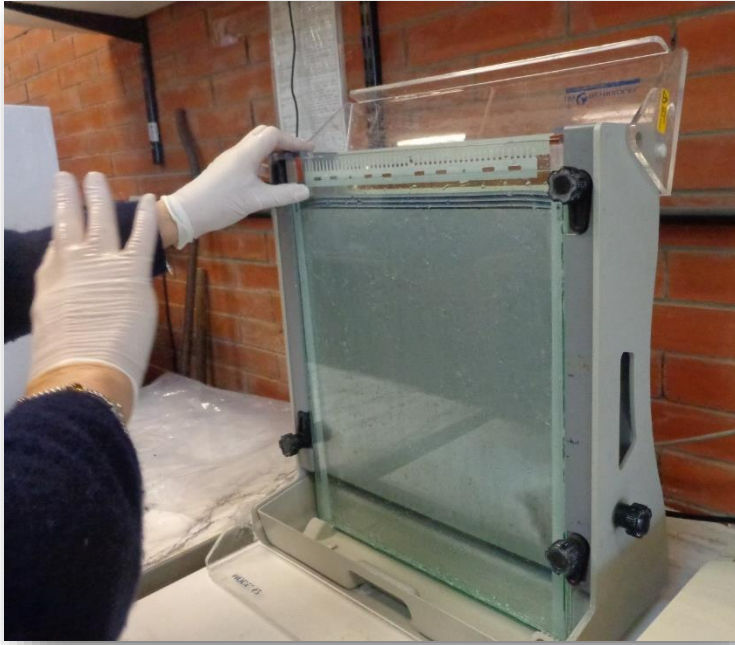
Tto de c/ vidrio:

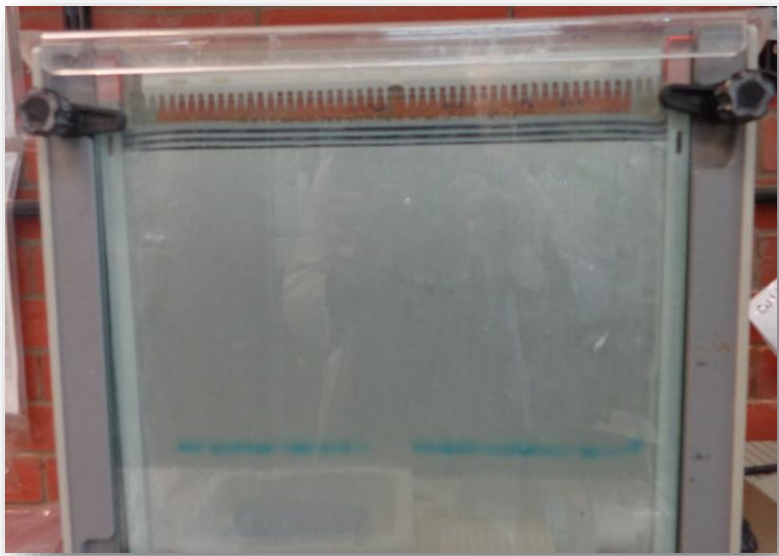
- Solución de binding
- Rain X

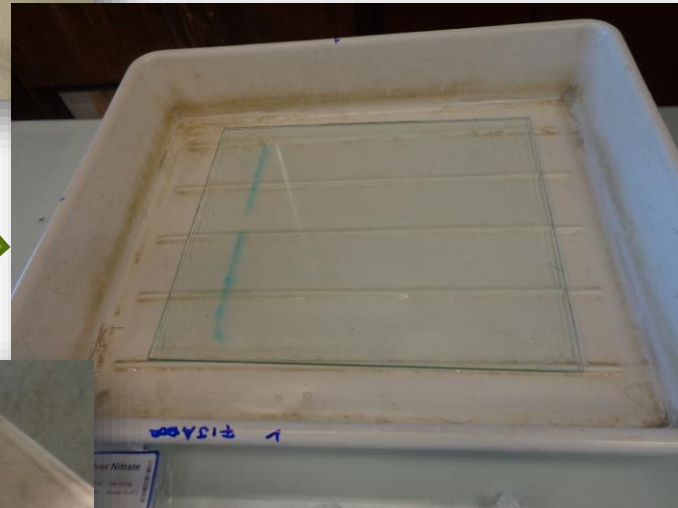


Colocación de peines

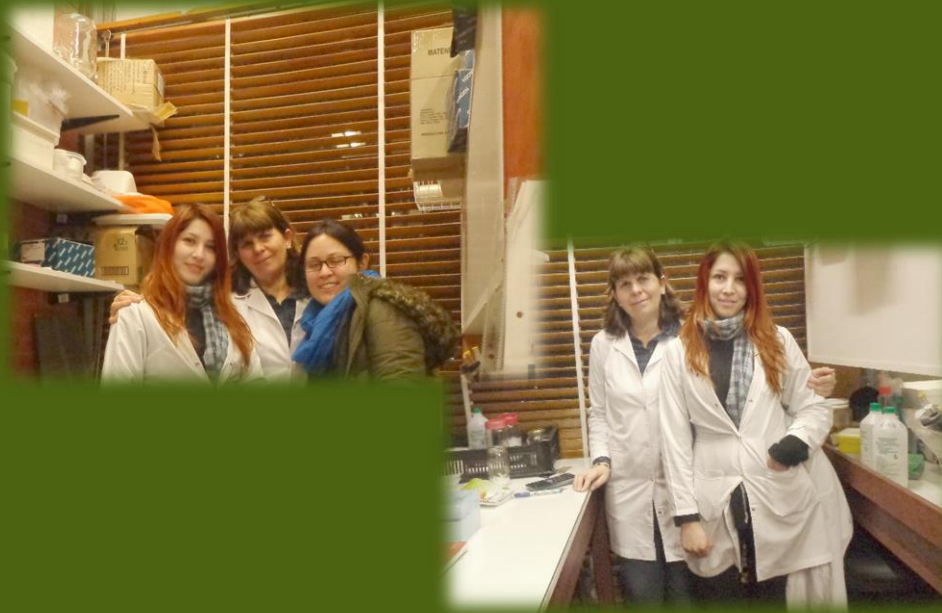












MUCHAS GRACIAS!!