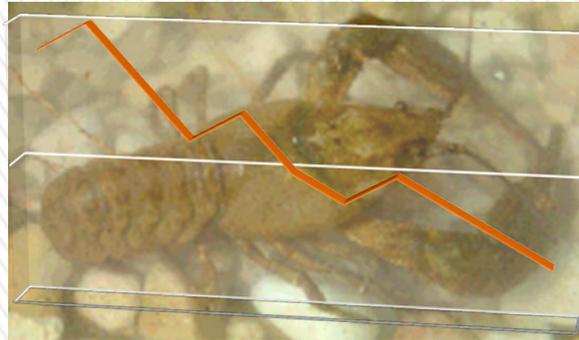


# Aplicación de técnicas moleculares en la conservación de las poblaciones españolas del cangrejo de río *A. italicus*

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Estudio de su variabilidad genética

Genoma nuclear

Genoma mitocondrial

↓ Poblaciones

↓ Ejemplares / Población

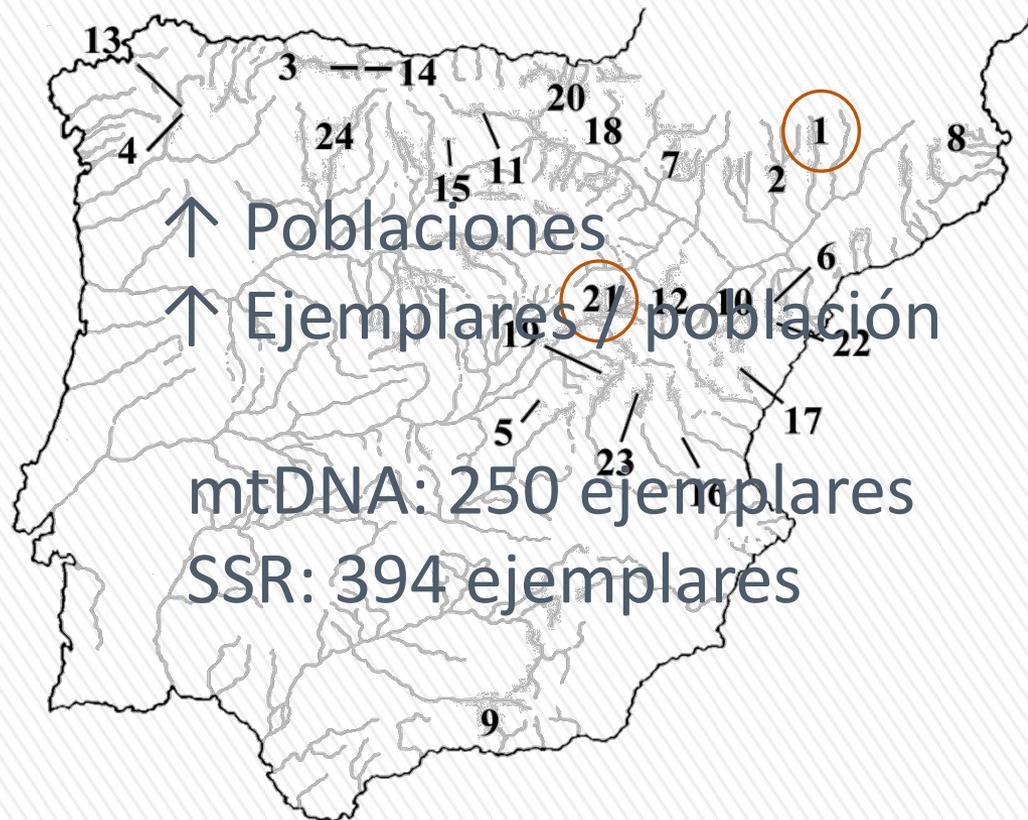
1 marcador

## OBJETIVO GENERAL: Análisis genético exhaustivo

- Estudio filogeográfico.
- Técnica molecular sencilla para la caracterización de los ejemplares.



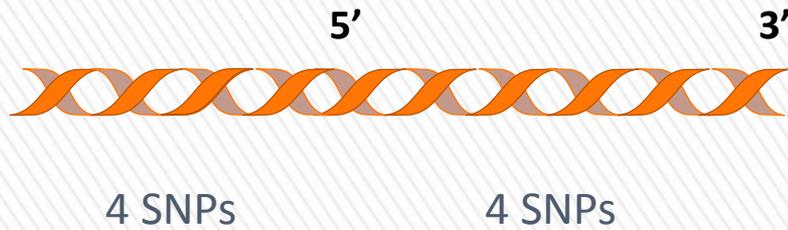
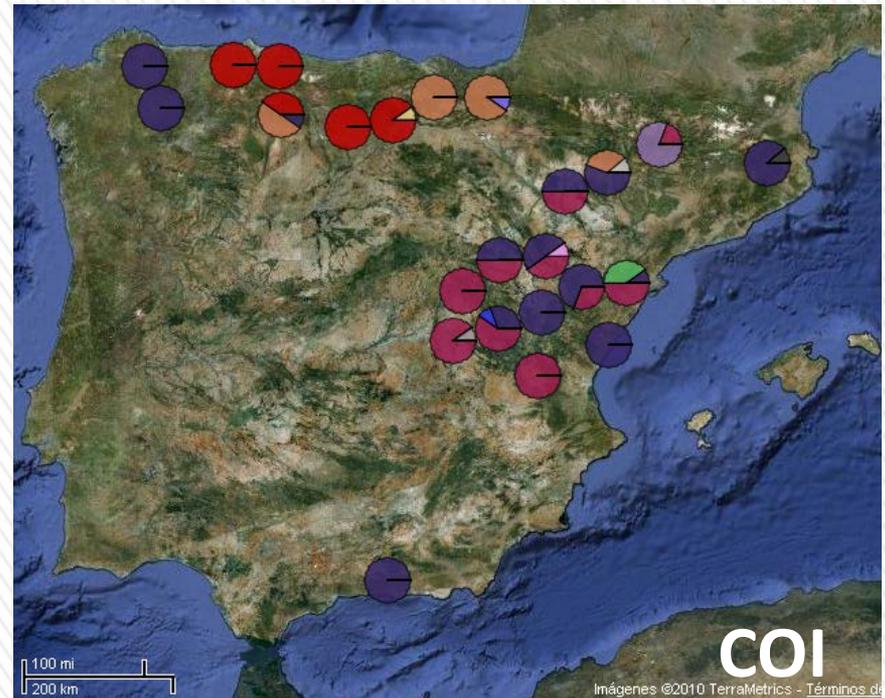
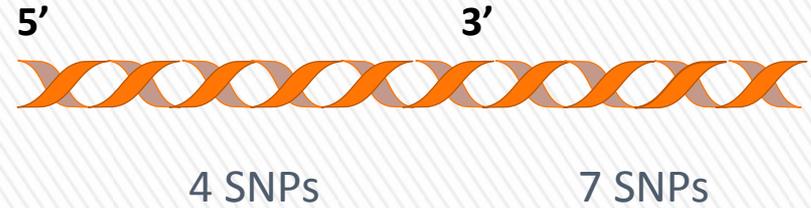
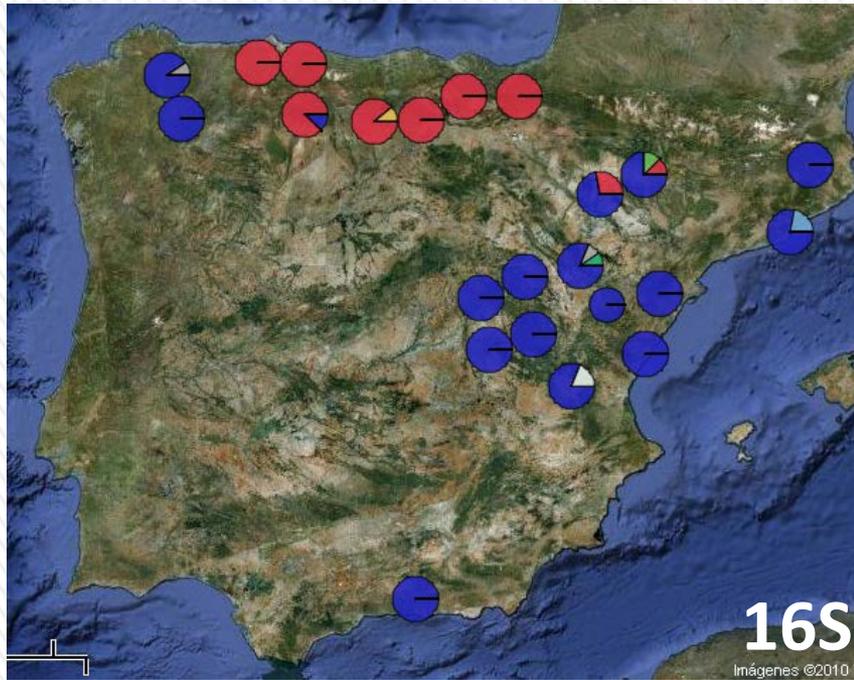
Conservación



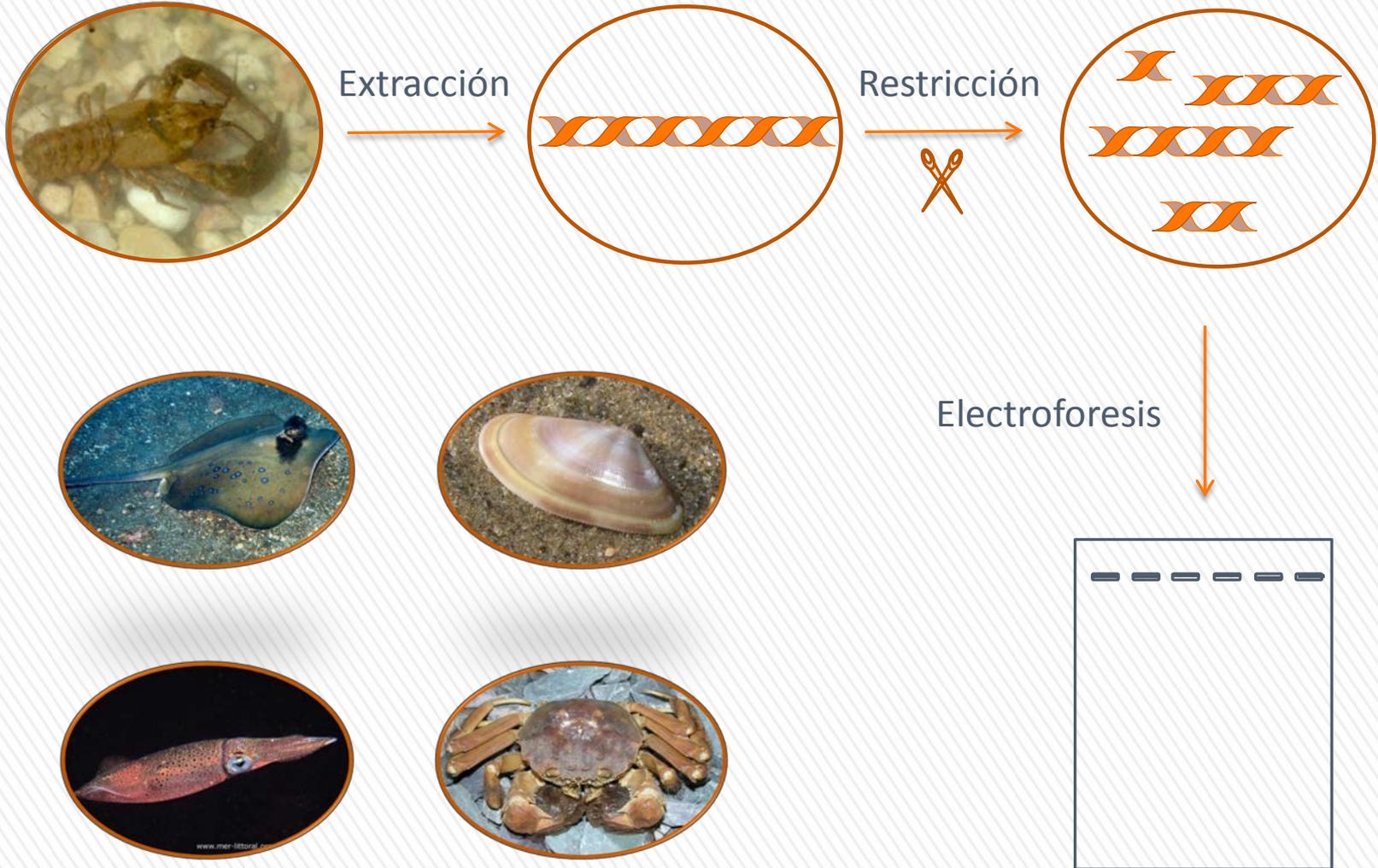
24 muestras de poblaciones españolas

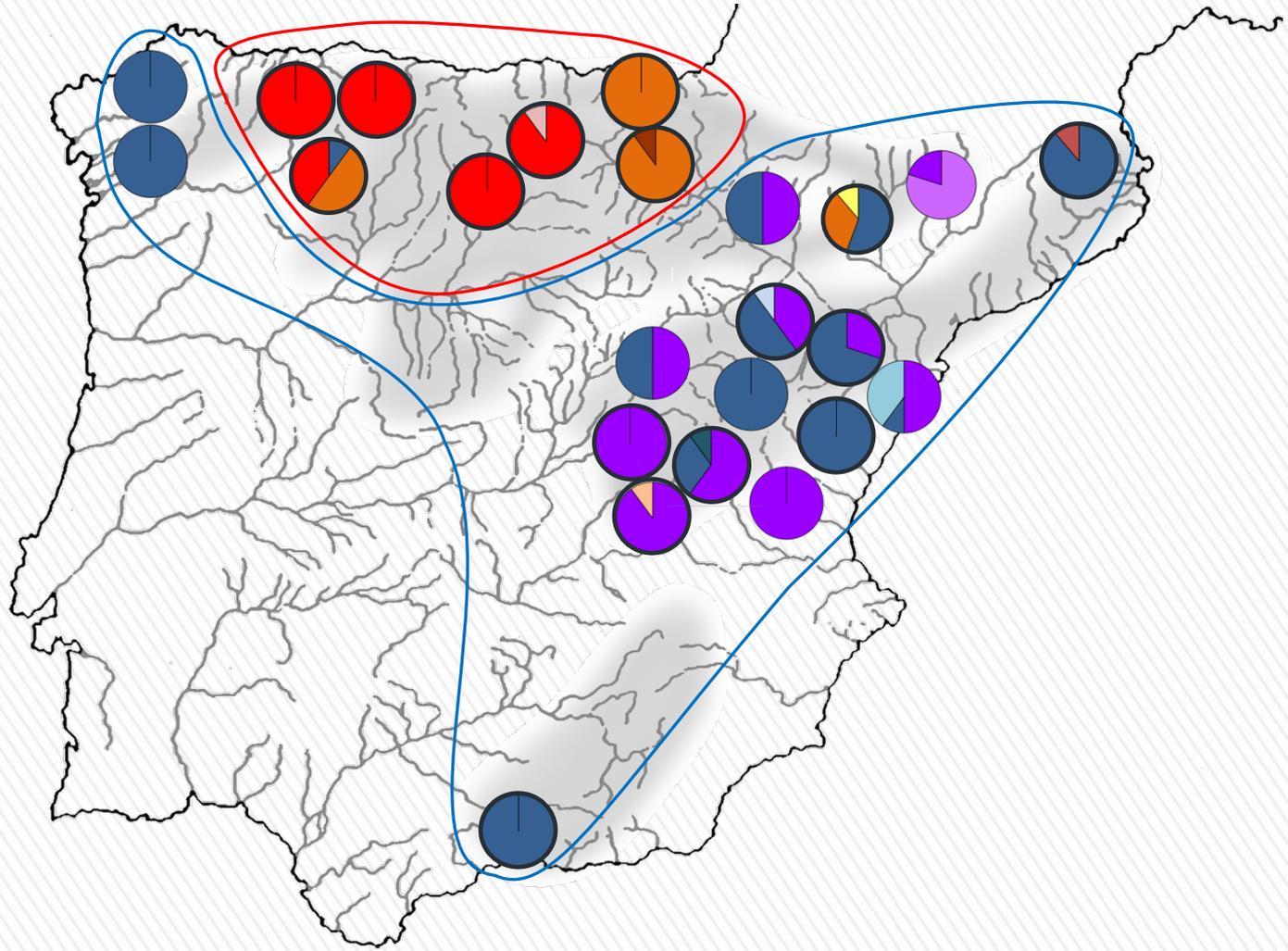
mtDNA: DNA mitocondrial

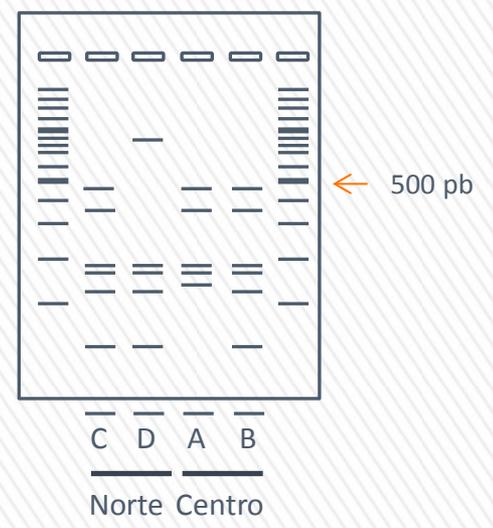
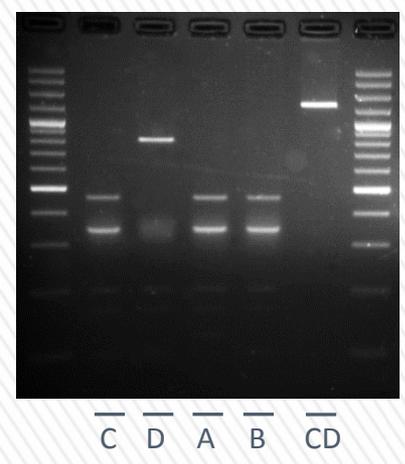
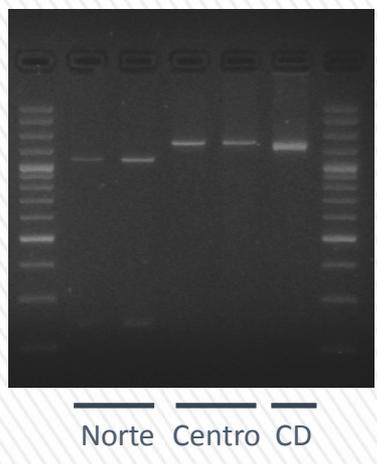
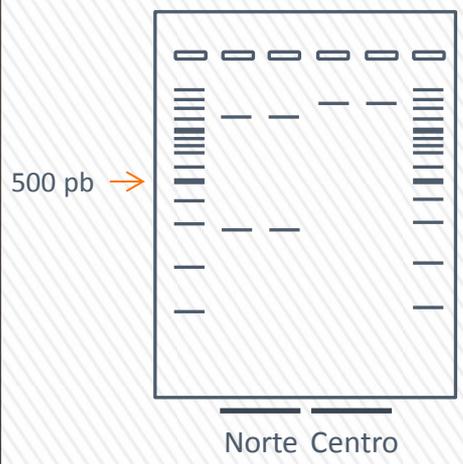
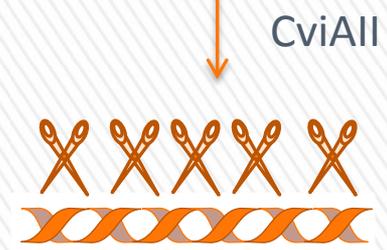
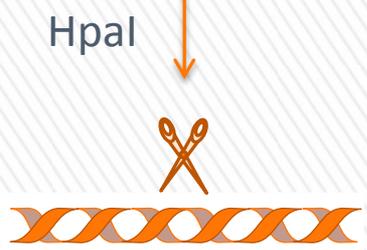
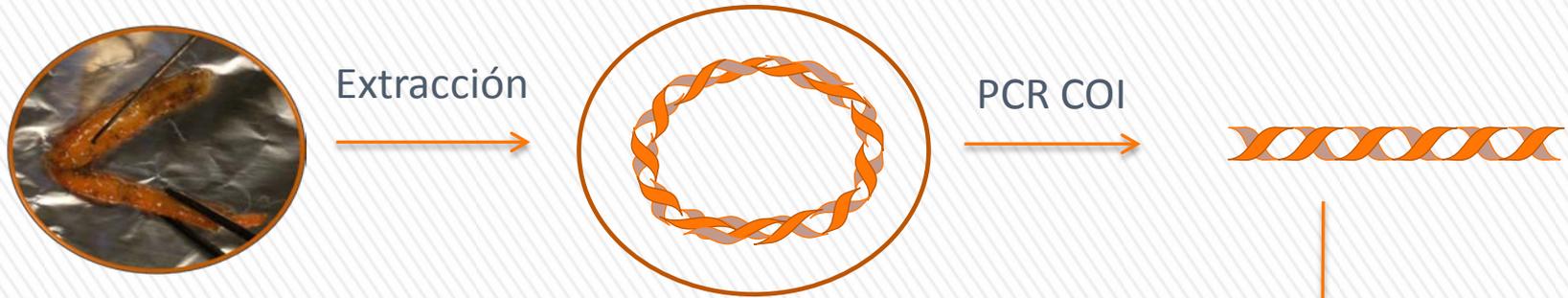
SSR: microsatélites nucleares



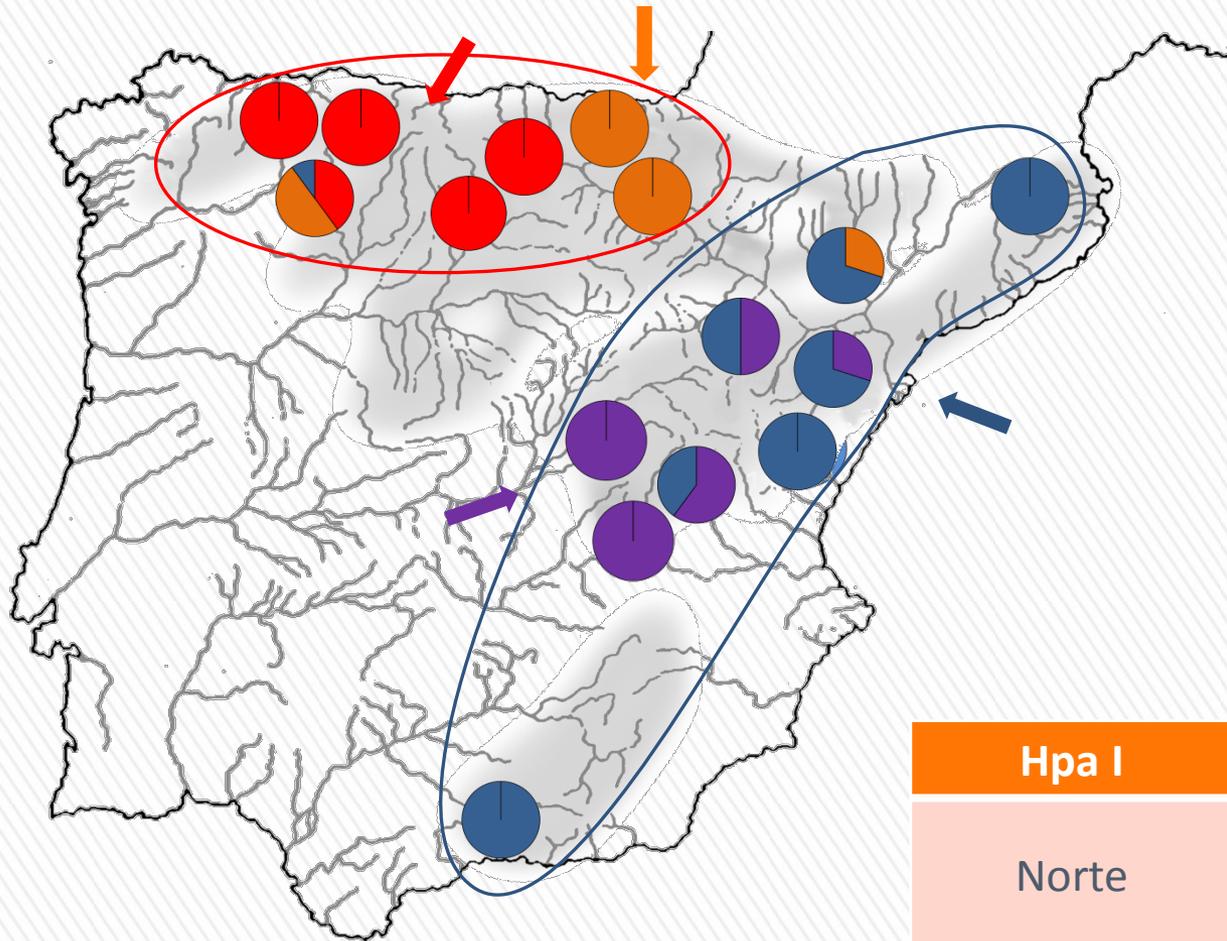
SNP: *Single Nucleotide Polymorphism*







CD: Control de digestión.



Hpa I	CviA II
Norte	C
	D
Centro	A
	B