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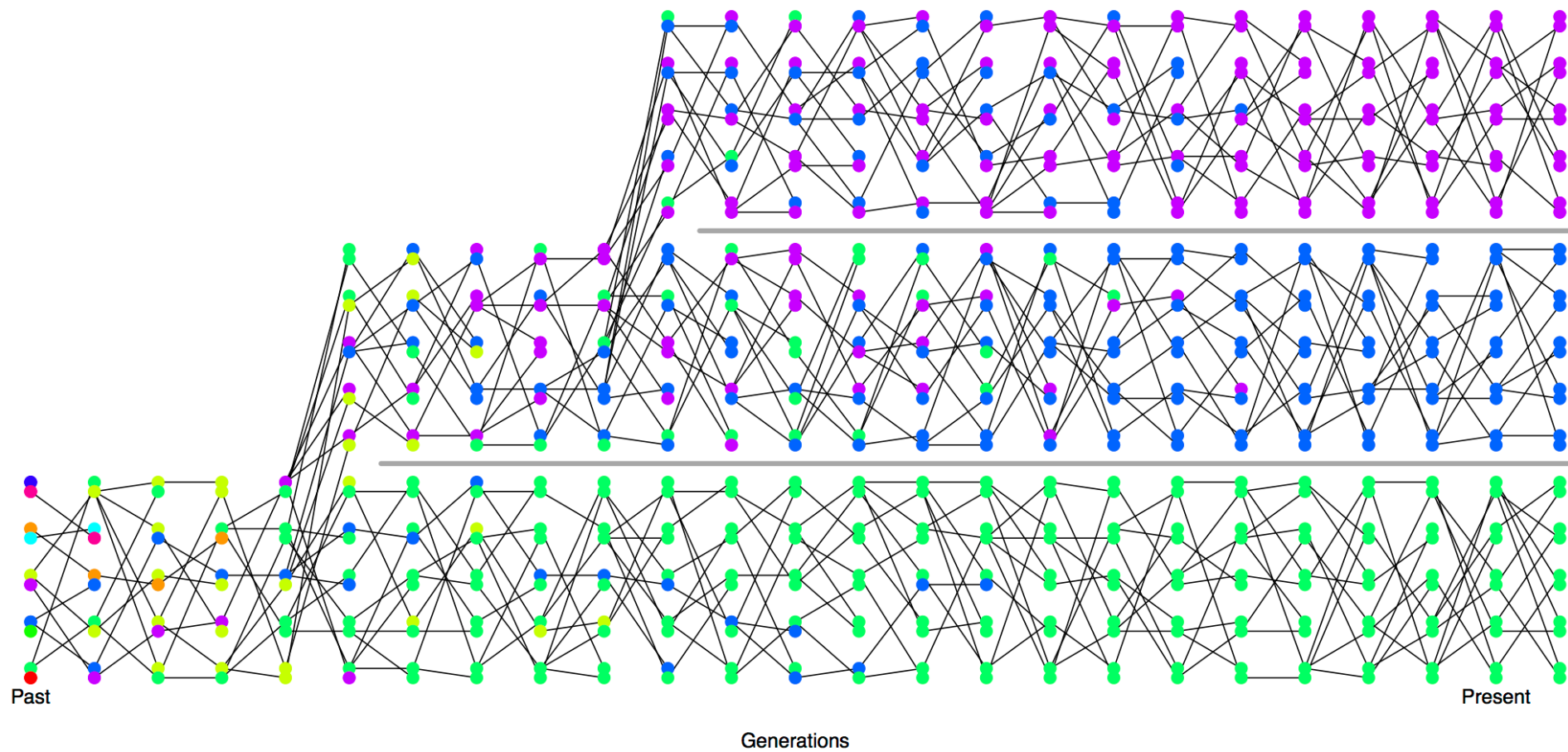
# Intro a Genómica de Biodiversidad

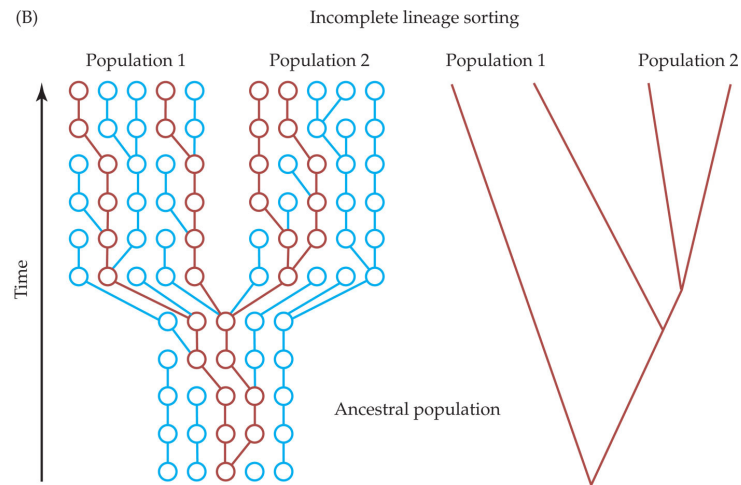
Coordinado por: Patricia E. Salerno

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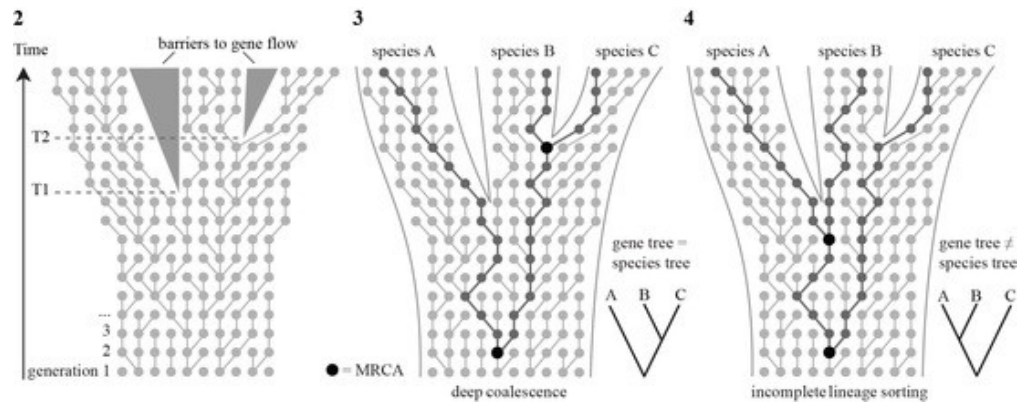
# Genómica o Genética?

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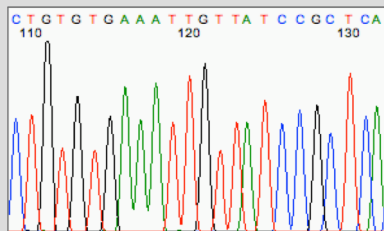
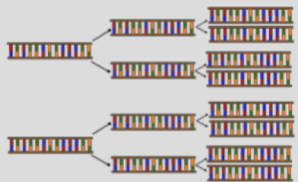
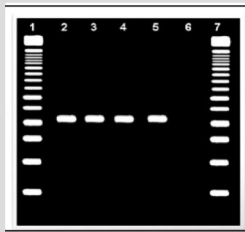


INTRODUCTION TO POPULATION GENETICS, Figure 5.5 (Part 2)  
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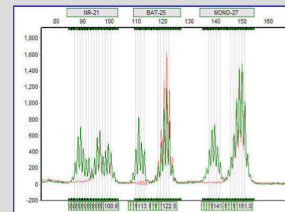
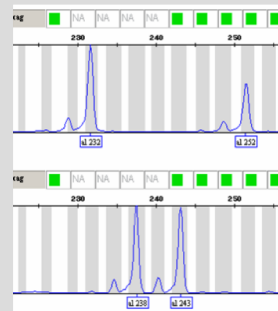


# Genómica o Genética?

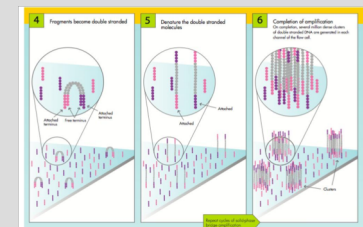
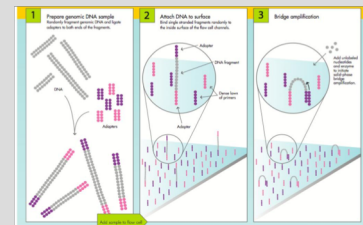
## Sanger



## Microsatélites



## Genómica



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# ACTG | Sanger vs. Illumina

Sanger: <https://www.youtube.com/watch?v=wdS3j0TgbjM>

Illumina: <https://www.youtube.com/watch?v=fCd6B5HRaZ8>

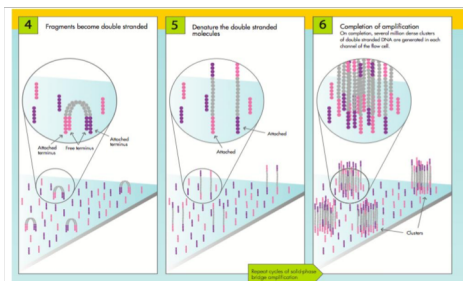
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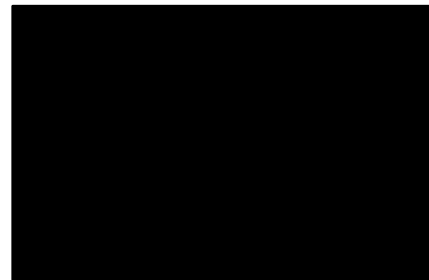
.... Qué es “coverage”??

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# Genómica:



Secuencias



Bioinformática

A green arrow pointing from the Bioinformática step to the SNP matrix.

2	3	2	2	2	3	2	2	3	3	2	4	3
2	3	2	2	2	4	3	2	2	3	3	4	3
2	3	2	2	2	0	2	2	0	3	2	4	3
2	3	2	2	2	4	0	2	2	0	3	4	3
0	3	2	2	0	3	2	2	3	3	2	4	3
0	3	2	2	0	3	2	2	3	3	4	4	3
2	3	2	0	2	3	0	0	3	3	0	0	0
2	3	2	0	4	3	0	0	3	3	0	0	0
2	3	2	0	0	3	0	2	3	3	0	4	3
2	3	2	0	0	3	0	4	3	3	0	4	3
2	3	2	0	0	3	0	2	1	3	4	0	3
2	3	2	0	0	3	0	2	3	3	4	0	3
0	0	2	2	2	3	2	2	3	3	2	4	3
0	0	2	2	4	3	2	2	3	3	2	4	3
2	3	2	2	0	3	2	2	3	3	4	4	0
2	3	2	2	0	3	2	2	3	3	4	4	0
2	0	2	2	2	3	2	2	3	3	2	4	3

Matriz de SNPs



# Genómica o Genética? cronograma

Genética tradicional



LAB  
ANALISIS  
REANALISIS  
ESCRIBIR

Genómica moderna

