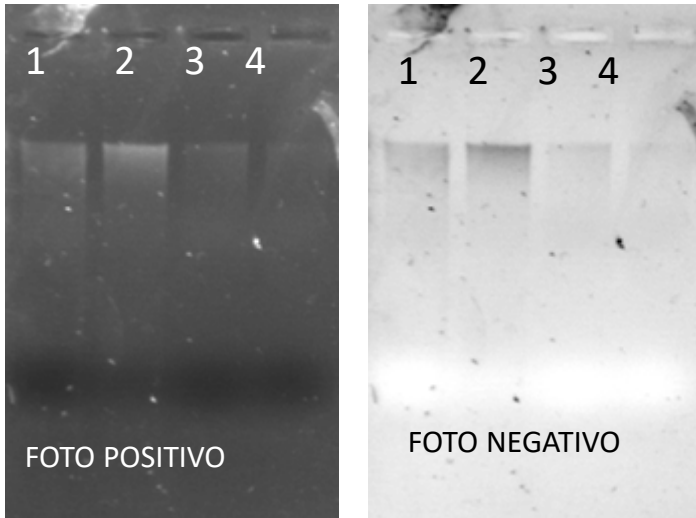


## DNA extraction by Kit



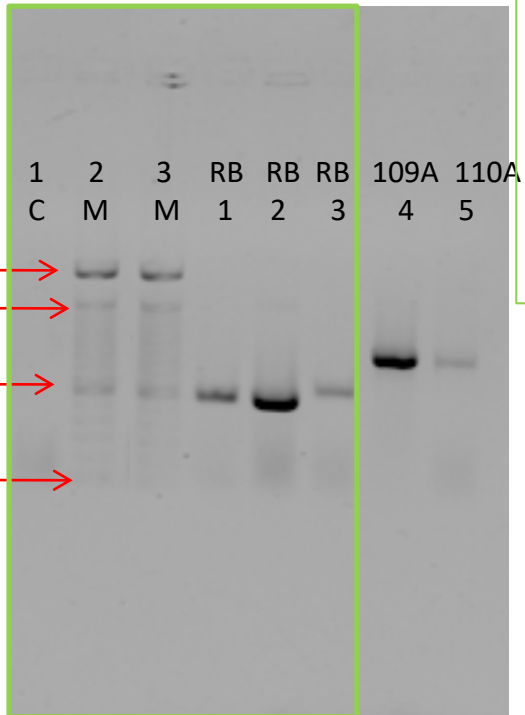
### CARRIL

1. Fungus A
2. Fungus RB--- A
3. Fungus RB--- B

1% Agarose Gel 1n TAE 1X  
5 1µl y 3 1µl de buffer bromophenol blue

# PCR; ITS5- ITS4 FROM FUNGI\_UMSNH

In the green box are the results corresponding to *Aspergillus* sp DNA



Line

1. Control ITS5-ITS4/ whitout DNA
2. 100 pb Ladder Invitrogen
3. 100 pb DNA Ladder (Invitrogen)
4. RB 739735Azul 1 Invitrogen
5. RB 739735Azul 2 Invitrogen
6. RB 739735Azul 3 Invitrogen
7. Fungus 9A. **This fungi are not in this study.**
8. Fungus 10A. **This fungi are not in this study.**

## CONDICIONES DE PCR

Vol. Final 25 µl  
H<sub>2</sub>O-----14.7 µL  
Buffer 10X-----2.5  
MgCl<sub>2</sub> 50 mM-----2  
dNTP's 10 µM-----0.5  
Oligo 10µM-forward ITS5 -----2  
Oligo 10µM reverse ITS4-----2  
Taq Invitrogen 500 5U/µl-----0.3  
DNA sample-----1

## Temperature program 40 cycles

Denaturalization -----94°C----- 5min-----1 Cycle

Denaturalization----- 94°C -----40 seg

Alignement -----55°C-----40 seg -----40Ciclos

Extension- -----72°C -----40 seg

Final extension -----72°C-----10 min-----1Ciclo

Gel

- TAE al 1X
- 1% agarose
- 0.008% Ethidium bromide

gel:

1.5µL DNA marker+ 3 µL bromophenol blue  
5µL DNA sample + 3 µL bromophenol blue

•AMPLIFICATION FRAGMENTS

•Amplification fragments of 600 pb aprox from RB(1-3)

•Amplification fragments of 600 pb aprox from 109A and 110A. **This fungi are not in this study.**