

# Functional Area of Developmental Molecular Biology

## Electrophoresis and PCR



The **Electrophoresis and PCR** platform is equipped with 9 PCR machines and with all the necessary equipment for the: preparation of agarose gel, electrophoresis gel running, UV image acquisition, quantification of nucleic acids (NanoDrop).

Manager: **Alessandro Amoroso**  
alessandro.amoroso@szn.it

Second Floor - EAST Wing, #235

Bookable instruments	Description	
PCR <b>HYBAID Express #1</b>	Rapid thermocycler for 96 samples 0,2mL 3°C per second between 4 and 99°C. Heated lid with automatic adjustment	
PCR <b>HYBAID Express #2</b>	Rapid thermocycler for 96 samples 0,2mL 3°C per second between 4 and 99°C. Heated lid with automatic adjustment	
PCR <b>HYBAID PX2</b>	Thermocycler for 96 samples 0,2mL actively compensates for the difference between the programmed and the real temperature	
PCR <b>BIORAD C1000 #1</b>	Thermocycler for 96 samples 0,2mL color touch screen for easy programming	
PCR <b>BIORAD C1000 #2</b>	Thermocycler for 96 samples 0,2mL color touch screen for easy programming	
PCR <b>MJResearch PTC 100</b>	Thermocycler for 96 samples 0,2mL temperatures from 0°C to 105°C Heated lid	
PCR <b>MJResearch MiniCycler PTC 150</b>	Thermocycler for 25 samples 0,2mL temperatures from -9°C to 105°C Heated lid	
PCR <b>GeneAmp 2700</b>	Thermocycler for 96 samples 0,2mL Heated lid	
PCR <b>EPPENDORF Mastercycler</b>	Thermocycler for 25 samples 0,2mL temperatures from 4°C to 99°C Heated lid	

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Thermostated Bath <i>JULABO SW22</i>	Shaking water bath, 20-200rpm length 15mm, Timer up to 9:59 h:min, room temperature up to 99°C, up to 20 liters 50x30x18 cm	
Thermostated Bath <i>GFL</i>	Water bath, room temperature up to 99°C, up to 7 liters 24x20x14 cm	
Hybridization Oven <i>FINEPCR</i>	Rotating incubator 7-40 rpm for hybridization tubes, room temperature up to 80°C, timer 99:59 h:min w36xd27xh54	
Hybridization Oven <i>TECNE</i>	Rotating incubator 1-20 rpm for hybridization tubes, room temperature up to 100°C w38xd28xh55	