

# QuantStudio 3D Digital PCR System

## What is it?

- Third generation PCR system to absolutely quantify DNA molecules and detect rare DNA alleles (species) among dominant alleles (species)

## Where is it?

- Molecular Biology Lab, rm 220.1, Agr Ed Building (W077)

## What does it do?

- Absolutely quantify target DNA;
- Detect rare alleles from dominant alleles (cancerous cells in blood for example);
- NGS library quantification;
- Detection of rare pathogens and genetically modified organisms

## Who can use it?

- Anyone who has been inducted and is undertaking UNE related research, teaching or outreach preparation.

## What training and access?

- You will need to be inducted in use of the QuantStudio 3D Digital PCR System and also for access to the lab that houses it. Access after hours is not permitted.

## Who to see?

- Contact technician: John Pesor;
- Contact academic: Shubiao Wu [swu3@une.edu.au](mailto:swu3@une.edu.au); 67732238

