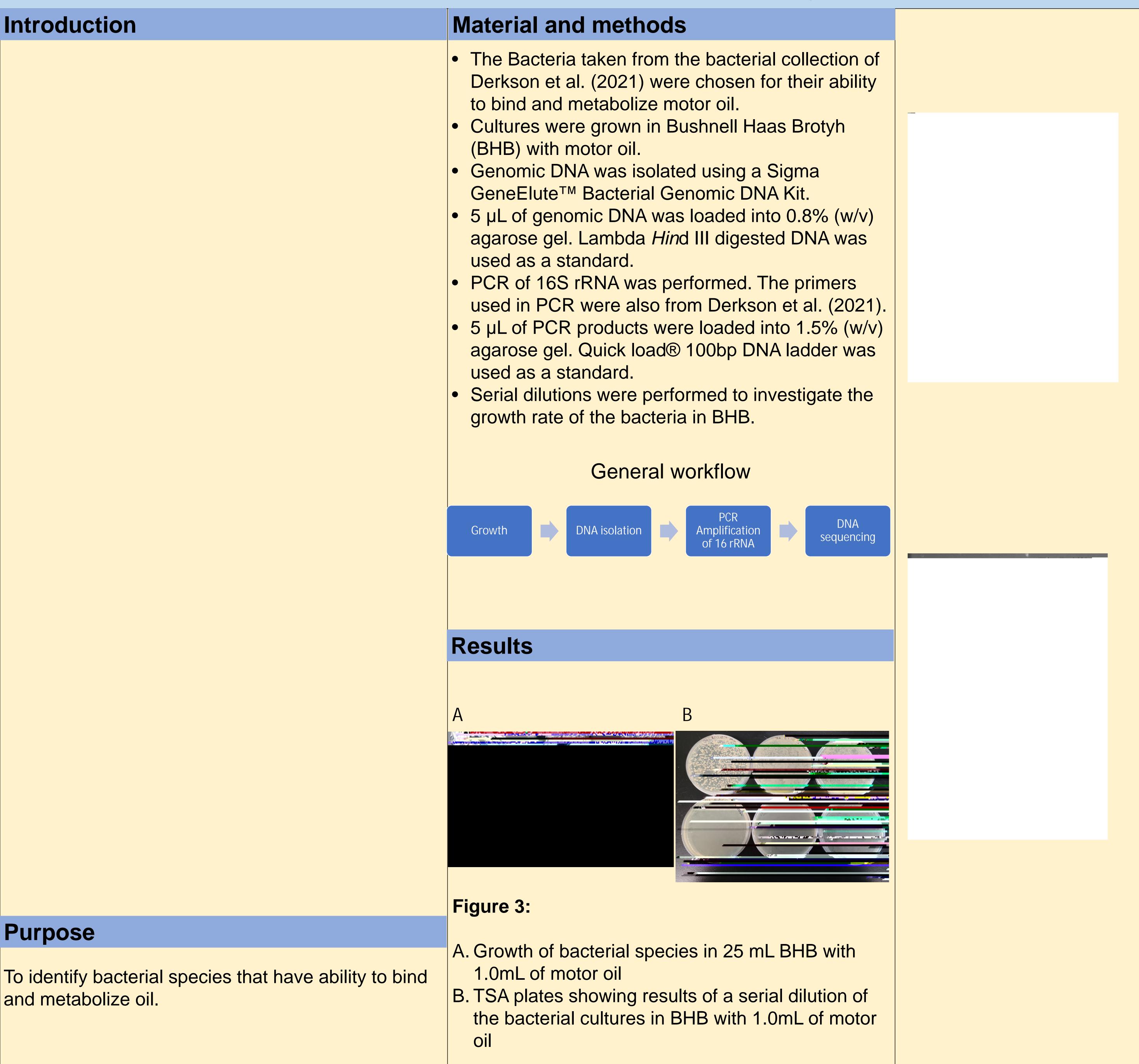
## Identification of Two Bacterial Species Based on Their Ability to Bind and

Metabolize Motor Oil

Mai Thai, & Stephen Thomas (Bio 408) Department of Biology, University of the Fraser Valley



## Figure 4:

Figure 5:

Lane 1: Quick-load

100bp DNA ladder

Lane 2: 2.2(1) old

Lane 3: 2.2(1) new

Lane 4: 2.3(1) old

Lane 5: 2.3(1) new

DNA/ HindIII standard Lane 2: 2.2(1) old Lane 3: 2.2(1) new Lane 4: 2.3(1) old Lane 5: 2.3(1) new

Lane 1: Lambda

## **Future Research**

Discussion

The data shows some potential for future research:

The observation showed two bacterial species potentially have different mechanism to survive in motor oil (Figure 3). Previous data showed that tension for bacteria to bind and metabolize the

## Acknowledgement

I would like to give my appreciation to Dr. Stephen Thomas for his guidance and to the amazing team of lab technicians Avril Alfred, Valentina Jovanovic and Fabiola Rojas for their support throughout this project.