

Rice iGEM Meta-Analysis Questions

1. What university is your team associated with, location of university, project name, and project track?

University of Texas at Austin

Austin, TX

Standardizing measurements of evolutionary stability

Measurement

2. What were the primary reasons why you chose your project?

It was inspired by the UT Austin iGEM 2015 team. As well as other projects in our PI's lab relating to evolutionary stability.

3. What was the process you went through in choosing your project?

We looked at how we could help improve the field of synthetic biology, and iGEM. We explored the interests of our PI and thought that helping improve evolutionary stability would be the best route to take. We were inspired by some of the work in the Ellis lab as well as the work in our current lab. We believe that measuring cellular burden of the iGEM kit would be the best project.

4. Do you think your location or local environment influenced your project selection? If so, how might these influences be described?

No the location or local environment did not influence our project.

5. Were there any other projects you would have wanted to do, but were unable to do for any reason? Please explain.

We developed ambitious ideas for side projects relating to our project. Including developing a burden monitor in Vmax, as well as studying individual ribosome allocation in e. coli. We could not explore these projects because we have too much work to do with our main project and these projects would best serve as a main project in a future year.