

# Rice iGEM Meta-Analysis Questions

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1. What university is your team associated with, location of university, project name, and project track?  
TU Dresden, Germany (Dresden), name: DipGene, Track: Diagnostics
2. How many PIs, advisors, and student team members does your team have?  
1, 1, 10
3. What were the primary reasons why you chose your project?  
Currently, one of the main difficulties in diagnosing heritable diseases is accessibility and affordability of the needed technologies. Testing for the presence of a specific sequence of DNA is needed in many contexts, from biological laboratories, to tests for genetic diseases or viruses that integrate into the human genome to testing for the absence or presence of antibiotic resistances in pathogens. State of the art methods are PCR and sequencing, which are expensive, slow and require advanced technologies.
4. What was the process you went through in choosing your project?  
We were browsing previous year team's idea, speaking to supervisors and discussing ideas within our team.
5. Do you think your location or local environment influenced your project selection? If so, how might these influences be described? (For example, after flooding in the Houston area, teams in that region gravitated toward flood-related projects)  
We think more globally. We did not try to focus only on local problems.
6. Were there any other projects you would have wanted to do, but were unable to do for any reason? Please explain.  
At the beginning we had 4-5 project's ideas. 2 of them we have so far! However, the second project now is on the pause because of experimental issues.