

Hands-On Programmable Biology Final Project

Release: 5th May, 2025

Due: 16th June, 2025

¹Shanghai Jiao Tong University ²Shanghai Innovation Institute

Students will develop and implement a computational approach to predict the properties and functions of protein variants through Deep Mutational Scanning (DMS), utilizing protein structure models and protein language models covered in the course.

TEAM WANG

1 Problem 1: XXX

“TENT” [1] is awesome! Wang et al. [1] are great!

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2 Problem 2: YYY

3 Problem 3: ZZZ

Grading Rubric

References

- [1] Dequan Wang, Evan Shelhamer, Shaoteng Liu, Bruno Olshausen, and Trevor Darrell. Tent: Fully test-time adaptation by entropy minimization. *arXiv preprint arXiv:2006.10726*, 2020. [1](#)