

Plan3

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Dependency Graphs

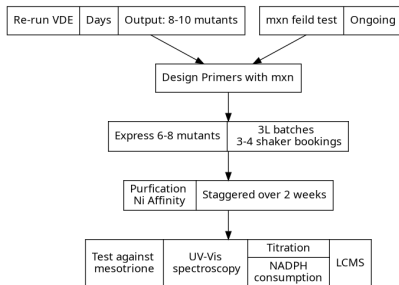
Schedule

DNA Work

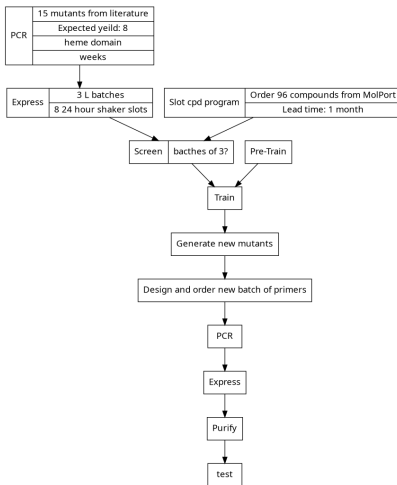
Plate Assay

Compounds

Dependency Graphs

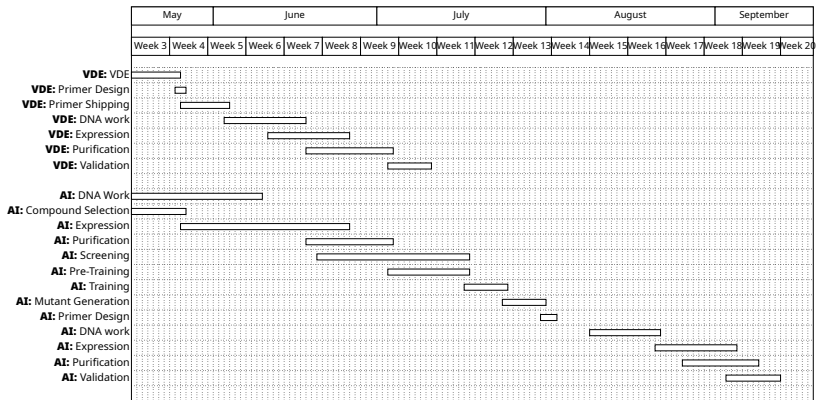


(a) - dependency graph of the remainder of the virtual directed evolution project



(b) - dependency graph for the remainder of the AI-based design project

Schedule



Outstanding Issues, Questions and Loose Ends

- enz benchmark
- Site directed mutagenesis and $m \times n$
- plate assay discussion
- compound library
- out of hours access

DNA Work

current limiting factor
got colonies - we'll see

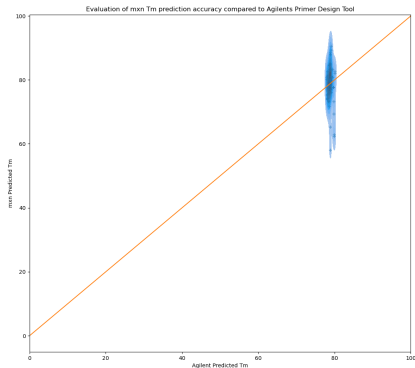


Figure: oh jeez

DNA Work

ongoing and to do

AI-based design: recreating 15 mutants from literature - ongoing, we have colonies!

Virtual Directed Evolution (to do): Create final set

Plate Assay

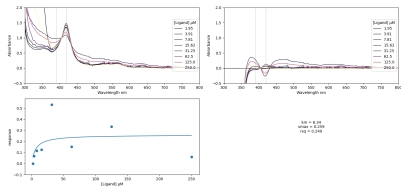
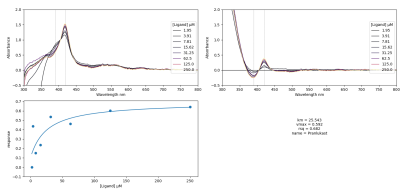
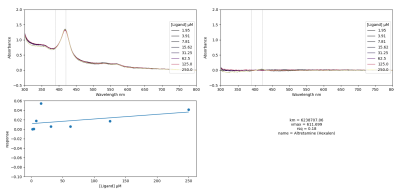


Figure: Some ok ones

Plate Assay

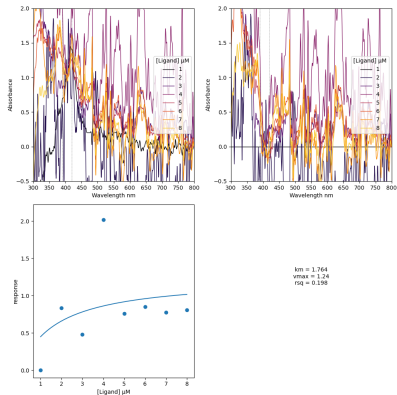
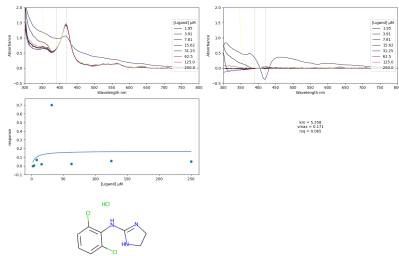


Figure: some bad ones

Plate Assay

Issues

scattering - probably frozen DMSO

todo

have another go without using the fridge

Compounds!

FDA