# Manuscript Editing

* Progress Report Introduction – Complete Literature Review (Both Thioesterase and Sequence prediction using ML)
* Methods Section Remodify – Bring in writings from the Appendix; Shift PCA and SVM to Appendix. Run NN to prove that it’s overfitting
* Results Section – Discuss with Mike

# Position Based Features

* Send Mike a file that specifies the currently identified positions selected by the automated model
* Make an Encoder-Decoder Framework for automated position selector model
* Use the encoded feature space to select the best positions
* Run SVM using new encoded space

# Experimental Validation

* Discuss concerns with Mike

To-Do List

Deepro:

1. Send AlignedEnzyme and Best Position File to Mike
2. Linear Regression Model for enzyme class
3. Encoder-Decoder Model for AA feature encoding
4. Methods Section Write
5. Mendeley Reference Collaboration link
6. Introduction collect models used to categorize sequences literature

Mike:

1. Initial List of how the paper might look like
2. Plant Thioesterase Literature
3. Go through the position files and validate binding pockets