Past 2 Weeks

- ConPlex
  - Didn't get good results
  - Checking wrong protein?
- Read papers
  - Insight into how others got good models
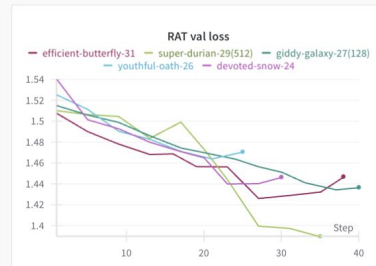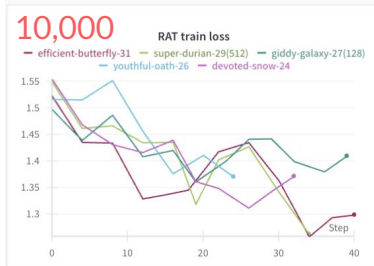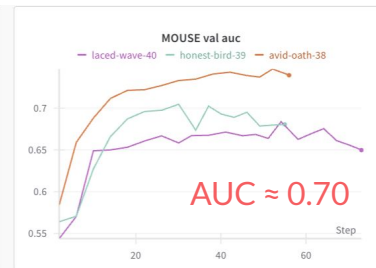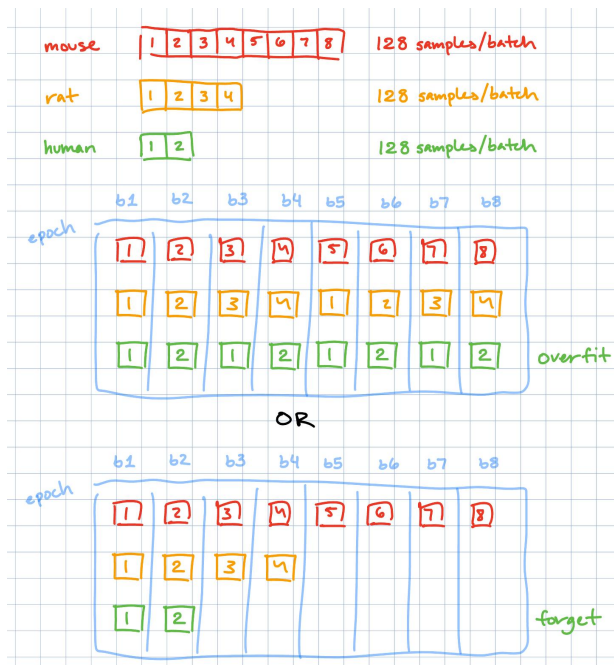- Started multi-task model
  - All animals, oral route, LD50
  - Humans, oral route, TDLo
  - Classification (EPA) 0-10-50-500-2000-inf
- Trained single-task data
  - For comparison
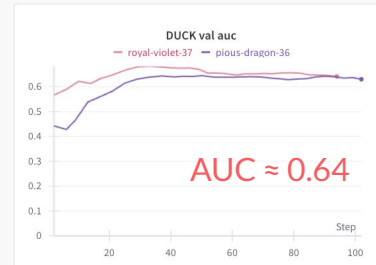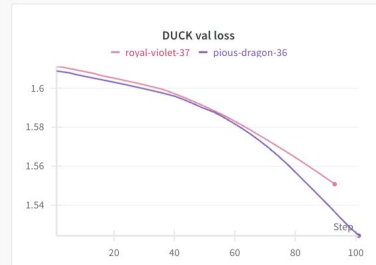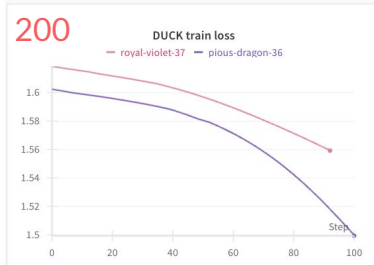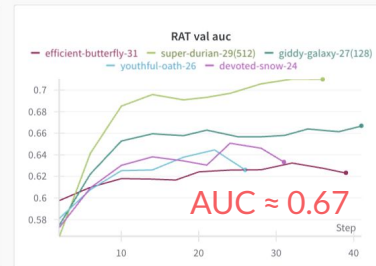
Next 2 Weeks

- Finish multi-task model
  - Differing dataset sizes (100-20,000)
  - Same batch number, different batch size
  - Custom Dataloader Sampler
- Train model
  - Unweighted
  - Weighted: Kendall, A. *Multi-Task Learning Using Uncertainty to Weigh Losses*