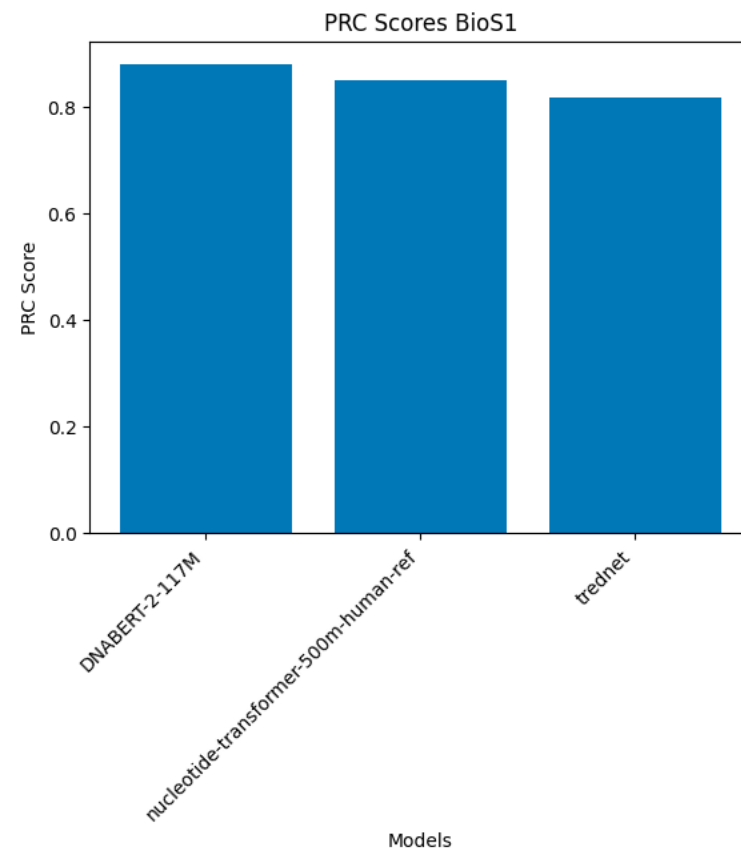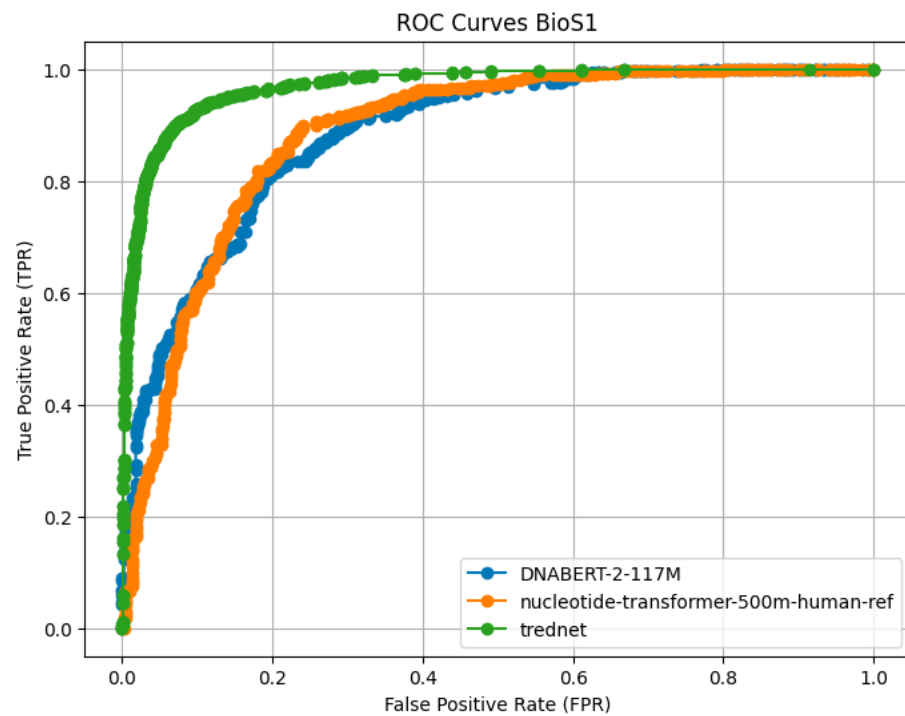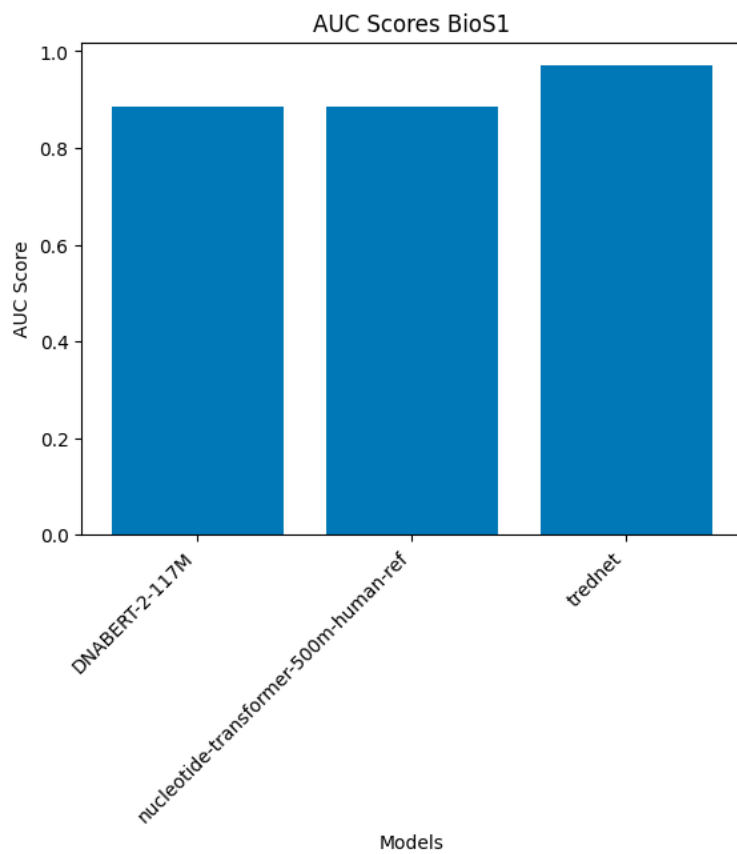Models: NT500hr, DNABERT2, TREDNET

Task: Enhancer detection

Data (hg19, 1kbp per sequence):

- BioS1 (size: 9500 positive, 94999 control; type: adrenal gland)
- BioS2 (size: 31247 positive, 312459 control; type: AG04450)
- (waiting for results) BioS3 (size: 43428 positive, 434249 control; type: astrocyte)
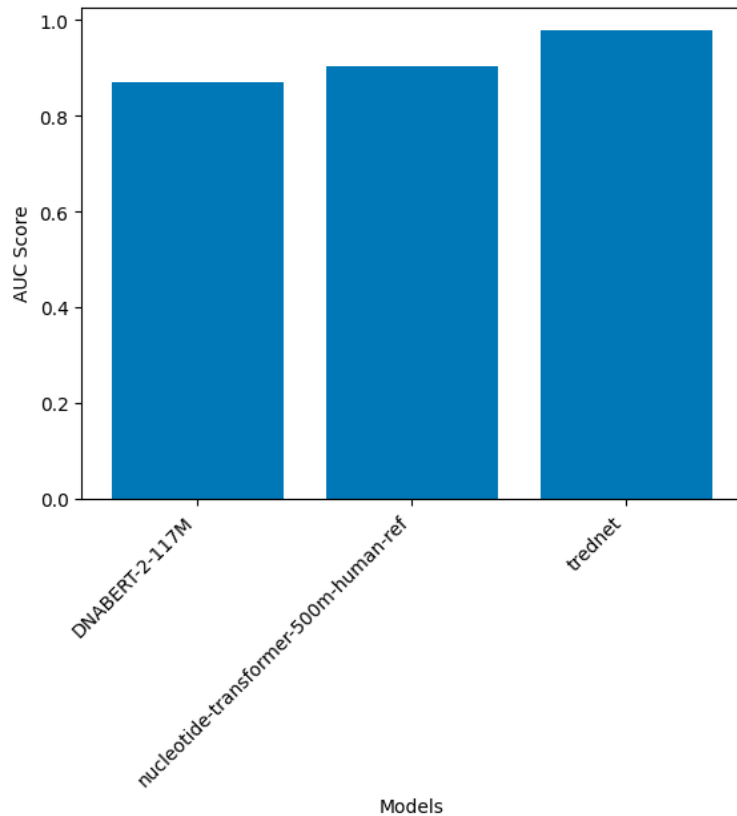
Metrics: Area Under the Curve (AUC) & ROC curves, Area Under Precision-Recall (AUPRC)
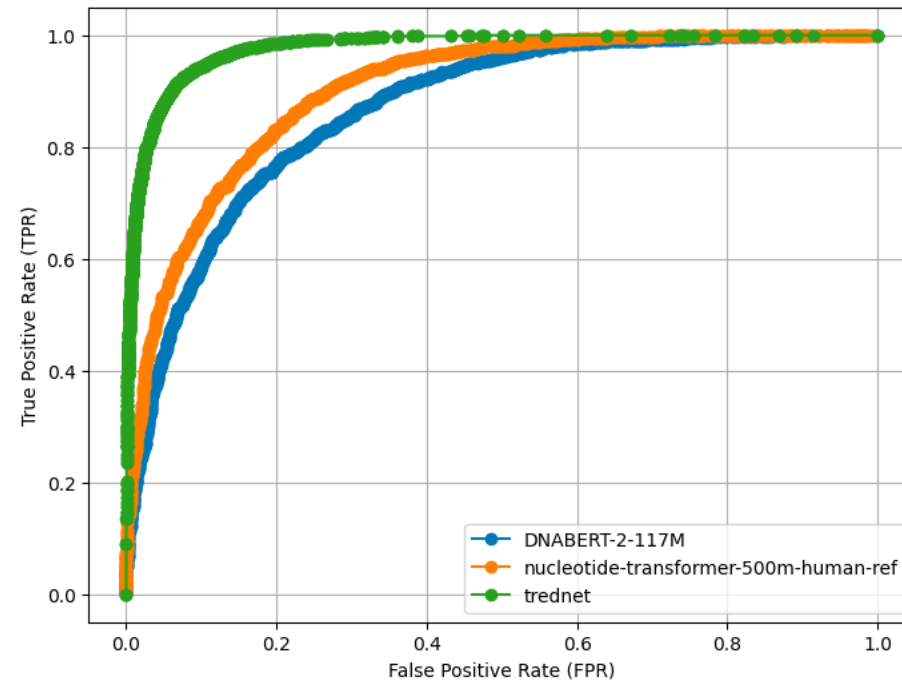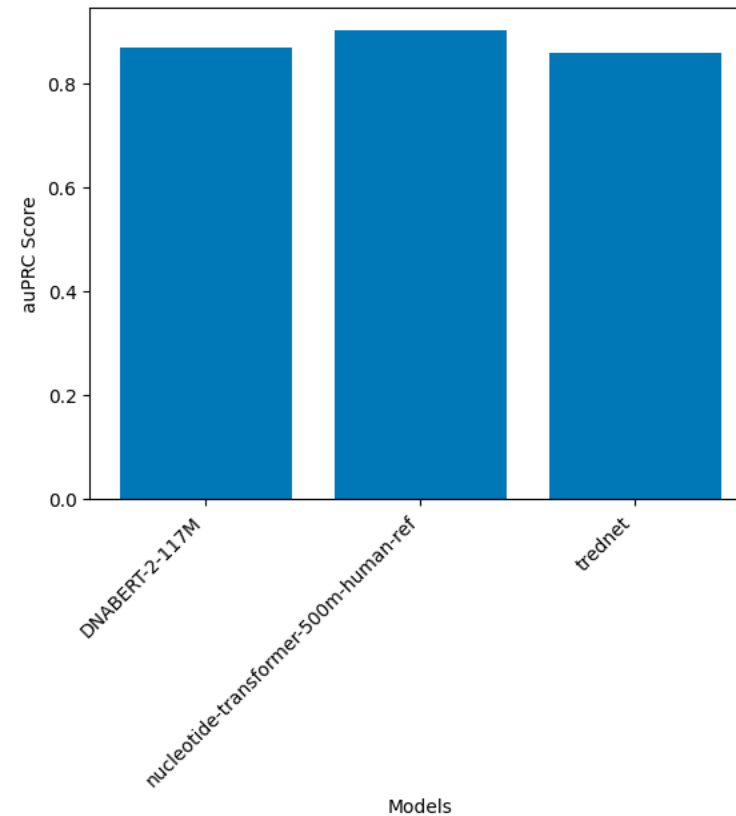
BioS1
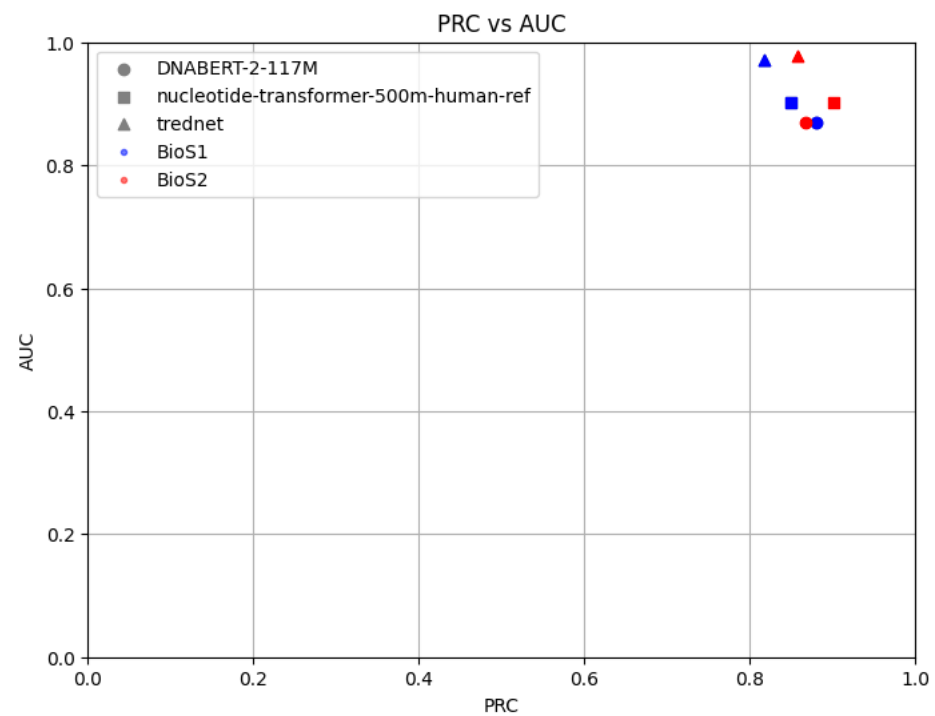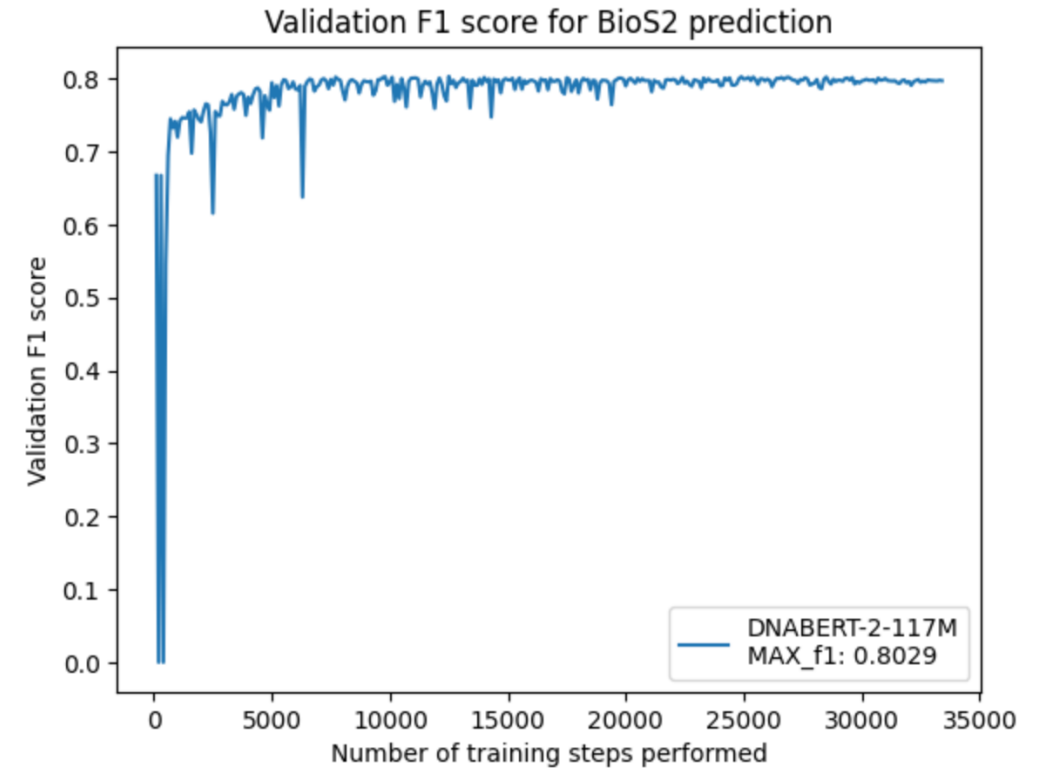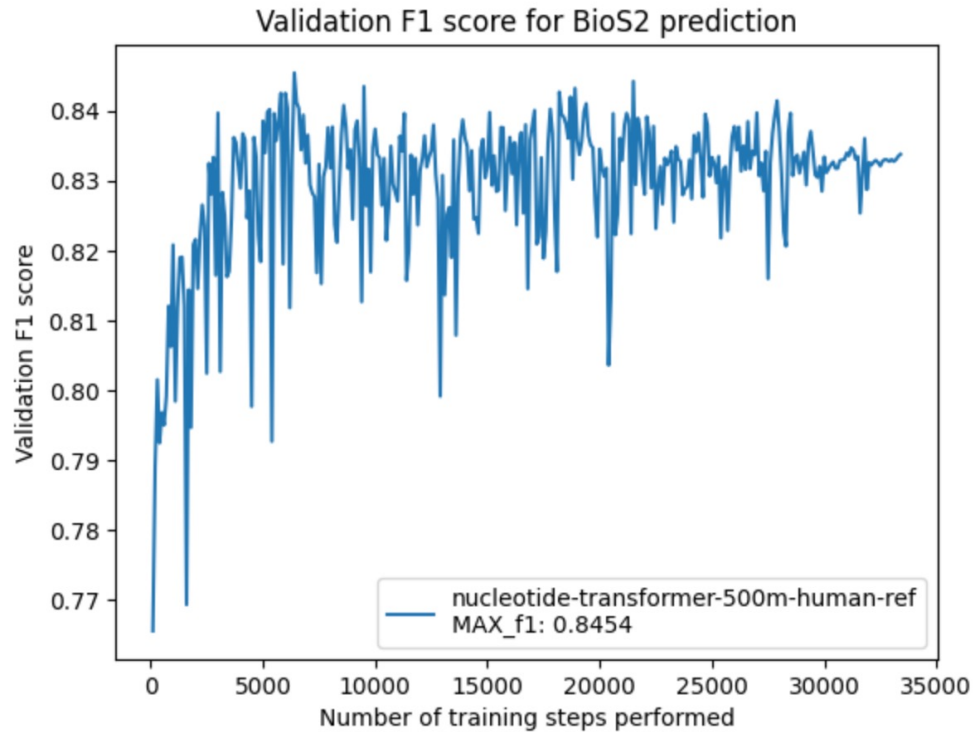
BioS2

BioS3

Waiting for the
simulation to end

BioS1 vs Bios2 vs ..

Example of F1 validation

*apologies for the differing scale on the y-axis; I noticed it too late after beginning the other experiments.