

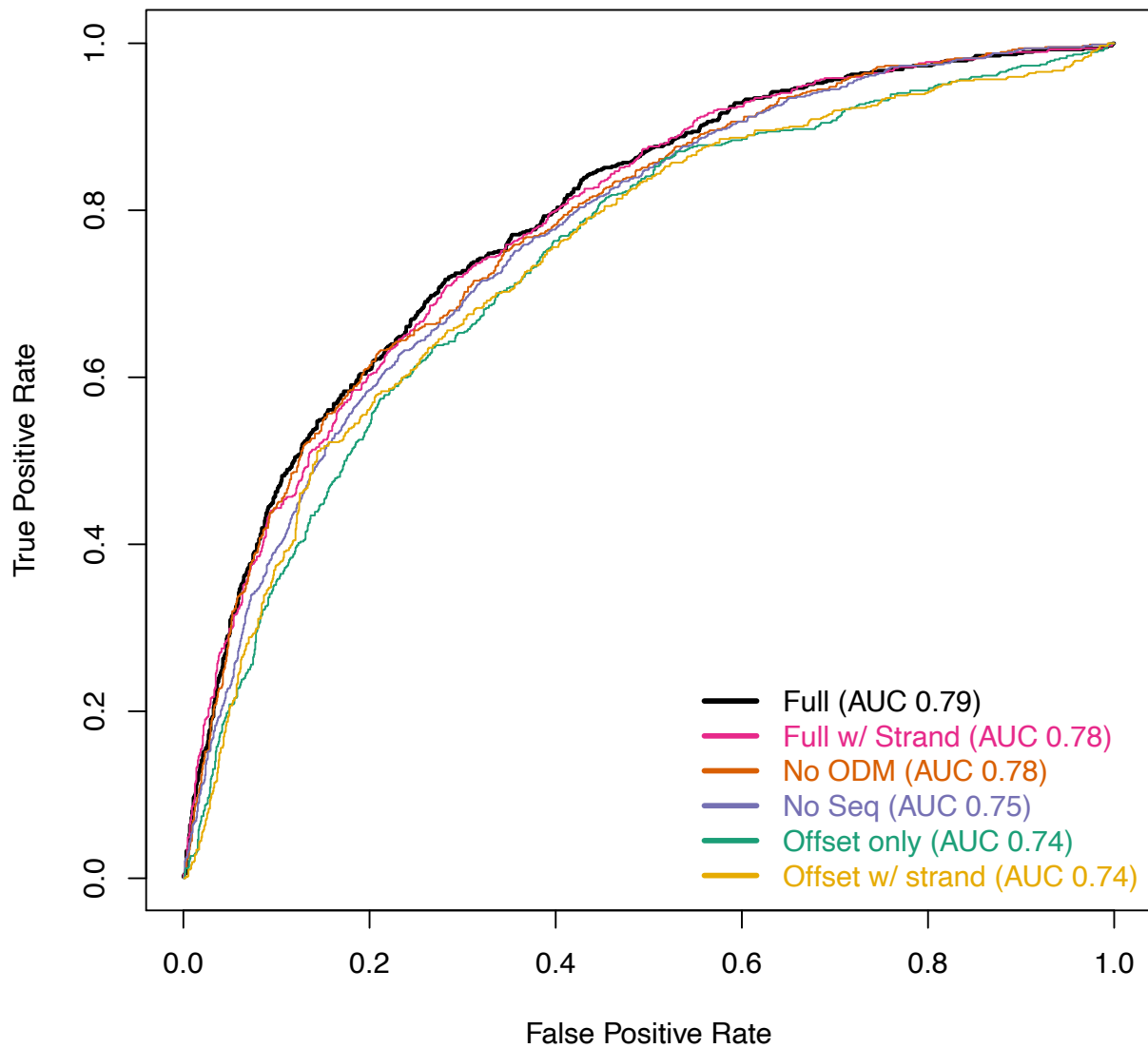


Figure S3. Accurate predictions of guide activity. Receiver operating characteristic for logistic regression models of guide activity. The full model includes methylation-based accessibility data (ODM-Seq) and guide sequence along with the position of the guide relative to the transcription start site. The "No ODM" and "No Seq" models exclude ODM-Seq and guide sequence parameters, respectively, and "Offset only" excludes both. The models "w/ Strand" include separate local regressions for guide activity based on the strand of the guide site relative to the target gene. All AUC values are calculated in the same 10-fold cross validation analysis.