



Figure 4-figure supplement 1. Random Forest and SVM prediction of ribozyme gene-regulatory activity. A) Comparison of the random forest and SVM algorithms on their ability to predict the basal expression of simple ribozymes. Each point on a plot represents the predicted and measured basal gene-regulatory activity for a single ribozyme sequence. The points for accurately predicted ribozymes fall close to the dotted line that represents when the predicted and measured basal gene-regulatory values are equal. B) Comparison of the random forest and SVM algorithms on their ability to predict the basal expression of ribozymes with a theophylline aptamer whose activity was measured through FACS-Seq. Each point on a plot represents the predicted and measured basal gene-regulatory activity for a single ribozyme sequence.