APAIQ to do list

Figures:

1.a schematic of the model - Yongkang

1.b coverage distribution around PAS - Bin

1.c cis-element distribution around PAS - Bin

2.a bar plot of false predicted PAS - Done

2.b TPR for PAS with different expression - Done

2.c distance from the annotation - Done

2.d example of cell-type specific PAS - Yongkang

S1a ROC curve of our methods - Done

S1b TPR FDR curve of our methods - Done

3.a ROC for our and other methods - Yongkang, Bin

3.b distance distribution - Yongkang, Bin

3.c identified IPA events - Yongkang

3.d false identified PAS by DNA-only model - Yongkang

3.e false identified PAS by coverage-only model - Yongkang

3.f PAS only identified by integrated model - Yongkang

S2a/3e cross cell line performance - Yongkang

S2b/3e cross species performance - Yongkang

4.a scatterplot shows the correlation in expression prediction - Yongkang

4.b histogram shows the distribution of PAS usage - Yongkang

4.c scatterplot shows the correlation in usage prediction - Yongkang

5.a dataset introduction - Bin

5.b general statistics, genomic distribution - Bin

5.c sequence features - Bin

5.d functional characterization - Bin

5.e example - Bin

Manuscript text

Abstract - Bin

Introduction - Bin

Results - Bin

Discussion - Bin

Methods and Materials - Yongkang

Tables

1. Published methods for PAS identification and quantification - Yongkang

2. Number of PAS in each cell line - Yongkang

3. Performance on binary classification - Yongkang