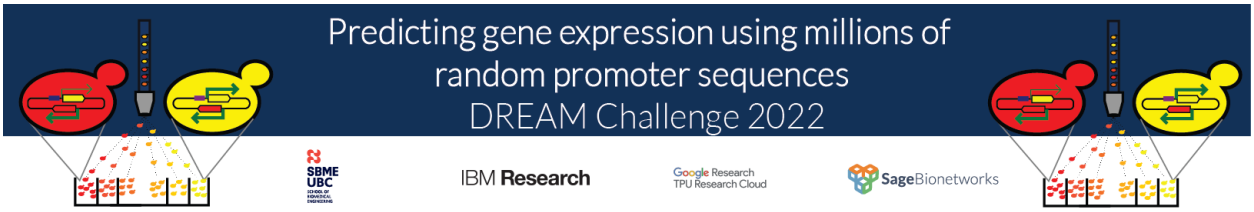
[Instructions: Please replace text in square brackets with the requested information. There is a **three-page limit**, including section 4 (including any figures and tables you may wish to include). You are free to use the sections that best convey the importance and novelty of your approach. Sections 5-7 do not count towards this page limit. Please use 11-point Arial font.]



DREAM Challenge 2022
Predicting gene expression using millions of random promoter sequences by
[insert team name]

Abstract

[Please provide a brief (within 300 words) description of your overall approach, noting any areas you think are particularly noteworthy.]

1. Description of data usage

[How the provided data were used (e.g., random division into train (n=x) and validation (n=y)). Please include a brief description of how the data were encoded (e.g., one hot), a description of any custom data generator (if applicable), and data augmentation strategies.

2. Description of the model

[Brief description of your model's architecture (from input to prediction). Feel free to use tables or figures as appropriate. Please describe if you use atypical functions (e.g., non-standard layers of a neural network).]

3. Training procedure

[Please include details of how the model was trained, including loss functions, regularization, optimizers, learning rates, staged training (if any), test time augmentation (if any), etc. Also, you should report the scores of your model on your own train and validation set. Each stage's performance should be reported if staged training is used.]

4. Other important features

[Please describe any other information on your model that you feel is important and was not included in the above sections.]

5. Contributions and Acknowledgement

5.1 Contributions

[Please include all contributors' information in the table below and any other acknowledgments below.]

Name	Affiliation	Email
[First and last name]	[affiliation 1]	[email address]
[First and last name]	[affiliation 1]	[email address]
add rows	as	needed

5.2 Acknowledgement

6. References

7. Feedback (optional)

[If you have any messages for us.]