A Deep Neural Network Approach to Splice Site Prediction

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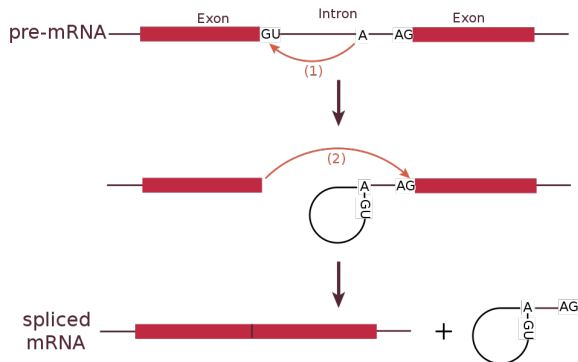
Outline

Problem Description

Figure: RNA splicing reaction (en.wikipedia.org)

Next Steps

- ▶ Adapt convolution techniques from other papers with same goal
- ▶ Vary pre and post marker nt sequence length
- ▶ Use DiProDB[Friedel et al., NAR, 2009] for input
- ▶ Utilize electron io interaction potential (EIIP) for prediction