Architecture of the best DeepGQ model

The best RNN-based architecture:

- LSTM(in_features, 250, num_layers=2, bidirectional=True)
- Dropout(p=0.5)
- Linear(in_features=500, out_features=250)
- ReLU()
- Dropout(p=0.5)
- Linear(in_features=250, out_features=2)

in_features parameter within the first LSTM layer varies from tissue to tissue and equals to OHE sequence width (4) plus number of omics features for the relevant tissue.