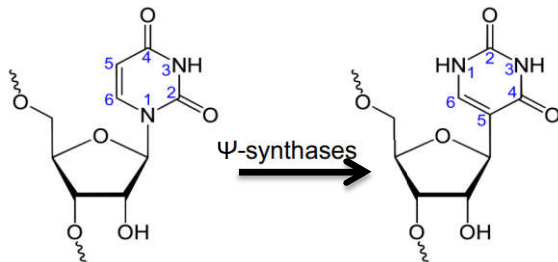# Supplemental Information

iPseU-CNN: Identifying RNA Pseudouridine Sites Using Convolutional Neural Networks

Muhammad Tahir, Hilal Tayara, and Kil To Chong

Pseudouridine modification

Ψ-synthases

Uridine (U)

Pseudouridine (Ψ)

The proposed deep learning model iPseU-CNN

One hot-encoding

1st Convolution Layer

2nd Convolution Layer

Fully connected Layers with dropout

Output Sigmoid Layer