**1 After decompressing GM.po.tar.bz2, put the GM.po folder in the data folder.**

**2 To preprocess the data, use the command:**

cd DeepChrInteract

python3 DeepChrInteract.py -p true -n GM.po

**3 We use the onehot\_cnn\_one\_branch and embedding\_cnn\_one\_branch model to train the GM.po test data set for example.**

python3 DeepChrInteract.py -m onehot\_cnn\_one\_branch -t train -n GM.po

python3 DeepChrInteract.py -m embedding\_cnn\_one\_branch -t train -n GM.po

**4 We use the trained model to cross-validate the GM.po test data set.**

python3 DeepChrInteract.py -m onehot\_cnn\_one\_branch -t test -n test -o GM.po