package name	version
biopython	>=1.78
Chamaeleo	==1.34
numpy	>=1.21.2
opencv-python	>=4.1.1.26
Pillow	>=8.2.0
scikit-image	==0.17.2
scipy	>=1.4.1
tensorflow	==2.5.0
torch	==1.12.0

sample package (team0001.zip)

team0001

coder.py

expected.bmp

record.txt

evaluation.py

run.py

implement your Coder class →

teamXXXX.zip

submit to the sponsor →

team id is a 4-digit string, provided by the sponsor

content	description
coder.py	An example of image-DNA coder (using the direct mapping). Your customized coder needs to inherit from DefaultCoder (in evaluation.py).
expected.bmp	An example of a spatiotemporal omics image (from the test case).
record.txt	Results from run.py.
run.py	Evaluate the instantiated image-DNA coder (in coder.py) by instantiating and calling the EvaluationPipeline (in evaluaiton.py).
evaluation.py	DefaultCoder and EvaluationPipeline (similar to CompetitionPipeline).