model\_type="best"

logdir = f"transformer\_{model\_type}\_0-003"

# net = projTransformer(checkpoint\_dir="tuning/", model\_type=model\_type, n\_epochs=300, batch\_size=256, learning\_rate=1e-3,

# lr\_reduction\_epoch=30, maxlen=maxlen, embed\_dim=32, num\_heads=1, ff\_dim=64, dense=64, dropout\_rate=0.1, logdir=logdir)

net = projTransformer(checkpoint\_dir="tune\_1/", model\_type=model\_type, n\_epochs=300, batch\_size=256, learning\_rate=1e-3,

lr\_reduction\_epoch=60, maxlen=maxlen, embed\_dim=32, num\_heads=1, ff\_dim=64, dense=64, dropout\_rate=0.1, logdir=logdir)

net.train\_model([X\_trainpromoter\_p, X\_trainhalflife], y\_train, [X\_validationpromoter\_p, X\_validationhalflife], y\_validation)