## Appendix 2: entrezEsearch tool

from Bio import Entrez

from urllib.error import HTTPError

w= open(r"/Users/User pc/Desktop/Structural\_Xterization/pdbMetadata.txt", "w")

Entrez.email = "james@perdanauniversity.edu.my" # Always tell NCBI who you are

with open(r"/Users/User pc/Desktop/Structural\_Xterization/alignedHit.txt", "r") as f:

for record in f:

#f.readlines()

handle = Entrez.efetch(db="protein", id=record, rettype="gb", retmode="text")

#print(handle.read())

w.write(handle.read())

w.write("\n")