1. Blast

Conda install blast

makeblastdb -in KIBA\_fasta.csv -dbtype prot -out KIBA\_db/KIBA\_db

blastp -query KIBA\_fasta.csv -db KIBA\_db/KIBA\_db -out KIBA\_Blast\_result.txt -outfmt 6

1. mafft

conda install mafft

mafft input.fasta > output.aln

mafft KIBA\_fasta.csv > KIBA\_mafft\_result.txt

1. muscle

conda install muscle

muscle -align KIBA\_fasta.csv -output KIBA\_muscle\_result.txt

1. clusalo

conda install -c bioconda clustalo

clustalo -i KIBA\_fasta.csv -o KIBA\_clustalo\_result.txt

1. foldseek

conda install -c conda-forge -c bioconda foldseek

foldseek createdb KIBA\_PDB/ KIBA\_fold\_DB/KIBA\_fold\_DB##

foldseek easy-search KIBA\_PDB/ KIBA\_PDB/ KIBA\_foldseek tmp --format-output "query,target,fident"