

MobyNet tutorial

Homology modeling pipeline

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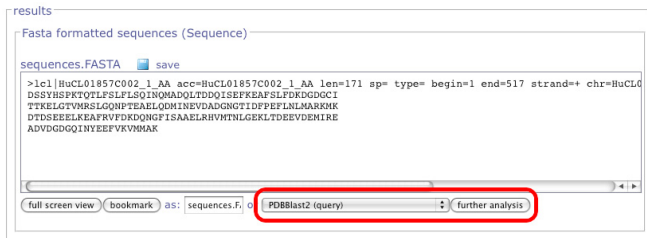
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Synopsis


We illustrate here how to take advantage of the Mobylenet to model the 3D structure of the sunflower protein corresponding to the HuCL01857C002 genomic information.

- tools at the three nodes (LIPM, Pasteur and RPBS) can be chained to complete the modeling
- *nota bene* : all calls are performed within the RPBS (remote imported services) portal



results

Fasta formatted sequences (Sequence)

sequences.FASTA  save

```
>1c1|HuCL01857C002_1_AA acc=HuCL01857C002_1_AA len=171 sp= type= begin=1 end=517 strand=+ chr=HuCL01857C002
DSSYHSFKTQTLFSLFLSQINQADQLTDDQISEPKAEFSLFDRDGGDCI
TKELGTVMRSLGQNPTEAELQDMINEVDADGNGTIDFPFELNLMARKMK
DTDSEELKEAFRVFDKQNGFISAAELRHVMTNLGEKLTDEEVDEMIRE
ADVDDGGQINYEYFVKVMMK
```

full screen view bookmark as: sequences.F, 0 **PDBBlast2 (query)** further analysis

The full tutorial is available at :

<http://mobylenet.rpbs.univ-paris-diderot.fr/doc/tutorials/network.html>

MobyNet : Homology Modeling Pipeline

