



















Result: * In model details it displays the 3D Structure

of model & target template. sequence alignment
as well as your gradriants.

* Model gradriants available at deep view

projects & PDB formats.

* By default the final model is presented in colour is based on Omean model quelity.

Alignment State & as well as bound Legand

Value was provided. Valle was provided. Model evaluation: Grality estimate & for given group it was found to be 0.56

* At the value Should be 0&1 GMEAN Disco Global Is the average per residue & suprevents
the RMSD botween QMEAN Di & IDIT DMFAN - ZECORE:-It is based on 4 Statistical score & mean sode & linear combination. Zoide around 0.01 -> notice like Structure. - mean z seore below - 4.0 indicates the model structure assisment well done & the structure compared with 20 Ramach andran plat to identify helix & Sheet position.

Provided (Never select the option "build model!

Airectly)". This step helps is your Query.

Sequence being searched for templote.

(i) This step will find the nost suitable

Seniplote based on sequence alignment using

parameters the dolabose consist of already

predicted the existing structure.

(i) This step present the susual by finding

specific sequence whose similarity Query is always to the susual by finding

specific sequence whose similarity Query is always to always to coverage identity of a maximum query coverage identity of a maximum query coverage identity of a more parameters of click on build model.

Laptional: You an select was than I Hemplate.

(ii) The result with built structure will be displayed. The structure can be visualized in B The displayed result, Check the GMQE value, It Should be close to, I Omean Zscore, Comparision graph Should Show the model on template Structure.

B These parameters decide of the Structure is eligible to use in docking Studies.

Dead the modelling of the above parameters are not satisfied.

Therefore reliabling of the above parameters are not satisfied.

ORL: Ohtlps: // NWW. wiport.org

(a) https:// Swiss Model . expany.org Overy: Serotonin, dopanine, ILK, INF, dopanine receptor D1 Procedure: a hogon to uniport using the URL https://www. miport org.

Type the Query + search for it result will be
als played in table format.

Select the appropriate sequence based organism
nothed of length of the protein.

Prosent of the selected Query will be displayed
containing all biological information, go to
sequence section to copy the sequences.

They on to swiss model wing up https://
Swiss model expany org & Click on Start model

These the sequence copied from uniport dalabases O Paste the sequence copied from unipost databases in the target sequence box provided. If the sequence is shown in different Colours it indicates that the sequence sequence in correctly compatible & eligible for Structure predictions. Dupe the name in the project tettle option provided.

(3) In the supported Inputs" option present on sight side of the page. Select the appropriate parameters & Chaose the target option you wish to use for modeling.

Compariative modelling of homological seguences & Validation of modelled structure

Airo:

To caseryord homology modelling 183°

protein Structure production using swiss model.