

# Supplementary Figures for

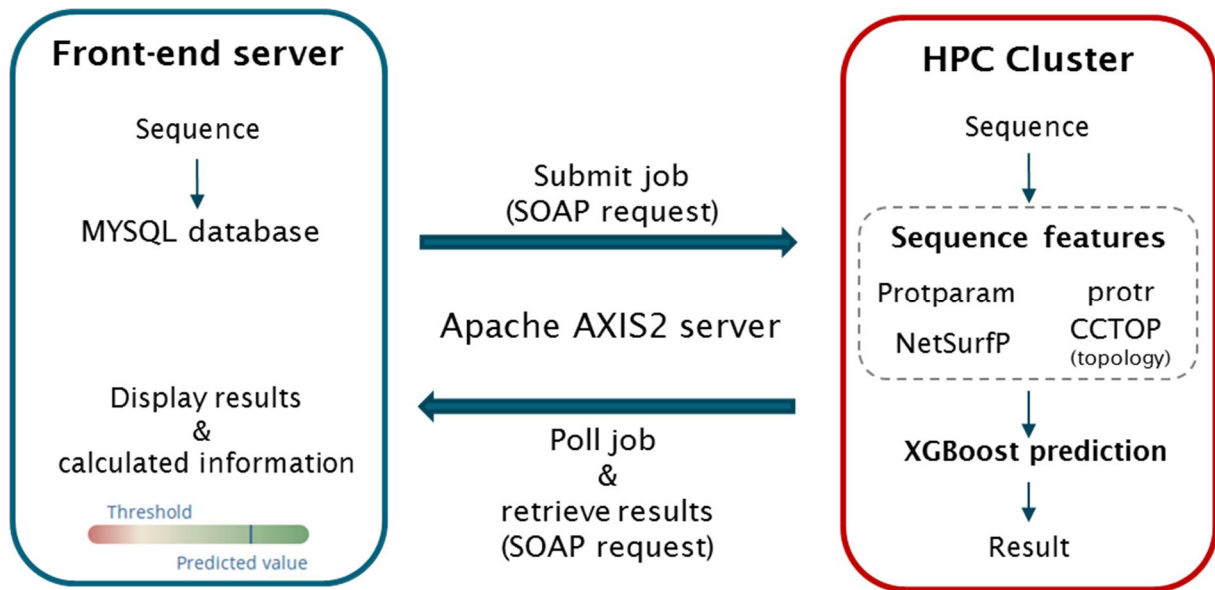
## The TMCrys server for supporting crystallization of transmembrane proteins

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Supplementary Figure 1.



**Overview of the server.** The submitted sequence is stored in a MYSQL database. The HPC (high performance computing) cluster and the frontend server communicates via SOAP requests by an Apache AXIS2 server. Once the sequence arrives on the cluster, features are calculated by running several programs and scripts, then fed into an R script that makes the XGBoost prediction. The process is monitored by the AXIS2 server and once finished, the results are sent back to the front-end server, stored in the MYSQL database and displayed.

