

CLI Predefined Tasks

Using current version of UGENE you can perform the following tasks by running a simple command:

- Format Converting Sequences
- Converting MSA
- Extracting Sequence
- Finding ORFs
- Finding Repeats
- Finding Pattern Using Smith-Waterman Algorithm
- Adding Phred Quality Scores to Sequence
- Local BLAST Search
- Local BLAST+ Search
- Remote NCBI BLAST and CDD Requests
- Annotating Sequence with UQL Schema
- Building Profile HMM Using HMMER2
- Searching HMM Signals Using HMMER2
- Aligning with MUSCLE
- Aligning with ClustalW
- Aligning with ClustalO
- Aligning with Kalign
- Aligning with MAFFT
- Aligning with T-Coffee
- Building PFM
- Searching for TFBS with PFM
- Building PWM
- Searching for TFBS with Weight Matrices
- Building Statistical Profile for SITECON
- Searching for TFBS with SITECON
- Fetching Sequence from Remote Database
- Annotating with DAS
- Gene-by-Gene Report
- Reverse-Complement Converting Sequences
- Variants Calling
- Generating DNA Sequence