Variability Individual Conservation

It allows determining the level of conservation of sequences of interest by reporting the most prevalent residue and its percentage, and generating consensus sequences.



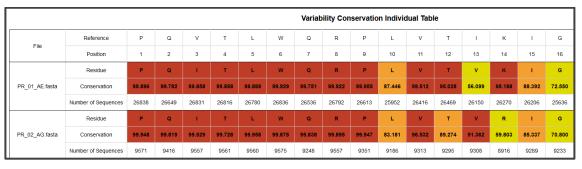
- 1 Select the input folder. It should only contain .fasta files of aligned NT or AA sequences to be analyzed (either one file or multiple files).
- 2 Choose the output format by selecting either **List** (employs automatic filtering >75%) or **Table** (employs automatic filtering of 100%).
- 3 Enter the reference sequence in letters without line breaks
- 4 Select the output folder and enter the file name in the following format: /NAME.html.
- 5 Click Calculate.

List:



Displays the generated consensus, the positions containing a conserved residue with a frequency greater than 75%, the residue with its colored frequency according to the color code, and the number of valid sequences for that position.

Table:



This output displays the reference sequence and the position of each residue, followed by the analysis of each file with the most frequent residue por each podition, colored according to the color code, its conservation frequency, and the number of valid sequences for each position.

More information about this function can be found in the User Manual, section:

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