

# Extract Consensus from Assembly

The workflow sample, described below, uses input assemblies to extract the consensus and save them to a FASTA.



## How to Use This Sample

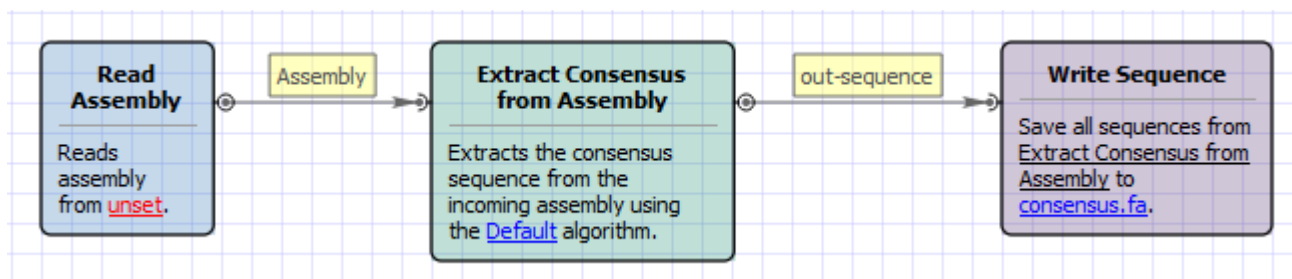
If you haven't used the workflow samples in UGENE before, look at the ["How to Use Sample Workflows"](#) section of the documentation.

## Workflow Sample Location

The workflow sample "Extract Consensus from Assembly" can be found in the "NGS" section of the Workflow Designer samples.

## Workflow Image

The opened workflow looks as follows:



## Workflow Wizard

The wizard has 1 page.

1. **Extract Consensus Page**: On this page you must input assembly file and output file. Also you can modify other input parameters.

The screenshot shows the "Extract Consensus Wizard" dialog box. It features a DNA double helix graphic on the left and a "UGENE" logo at the bottom left. The right side contains input parameters:

- Input parameters**
  - Assembly**: Required (text field with a browse button "...")
  - Algorithm**: Default (dropdown menu)
  - Keep gaps**: True (dropdown menu)
- Extracted consensus**
  - Output file**: consensus.fa (text field with a browse button "...")

At the bottom, there are buttons for "Defaults", "Apply", "Run", and "Cancel".