

Align with ClustalO Element

Aligns multiple sequence alignments (MSAs) supplied with ClustalO.

Parameters in GUI

Parameter	Description	Default value
Number of iterations	Number of (combined guide-tree/HMM) iterations.	1
Number of guidetree iterations	Maximum number guidetree iterations.	0
Number of HMM iterations	Maximum number of HMM iterations.	0
Set auto options	Set options automatically (might overwrite some of your options).	False
Tool path	Path to the ClustalO tool.	Default
	The default path can be set in the UGENE application settings.	
Temporary directory	Directory to store temporary files.	Default

Parameters in Workflow File

Type: ClustalO

Parameter	Parameter in the GUI	Type
num-iterations	Number of iterations	<i>numeric</i>
max-guidetree-iterations	Number of guidetree iterations	<i>numeric</i>
max-hmm-iterations	Number of HMM iterations	<i>numeric</i>
set-auto	Set auto options	<i>boolean</i>
path	Tool path	<i>string</i>
temp-dir	Temporary directory	<i>string</i>

Input/Output Ports

The element has 1 *input port*:

Name in GUI: Input MSA

Name in Workflow File: in-msa

Slots:

Slot In GUI	Slot in Workflow File	Type
MSA	msa	<i>malignment</i>

And 1 *output port*:

Name in GUI: ClustalO result MSA

Name in Workflow File: out-msa

Slots:

Slot In GUI	Slot in Workflow File	Type
MSA	msa	<i>malignment</i>