Align with ClustalO Element

Aligns multiple sequence alignments (MSAs) supplied with ClustalO.

Element type: ClustalO

Parameters

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

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**	*malignment*

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**	*malignment*