

Align to Reference Element

Align input sequences (e.g. Sanger reads) to the reference sequence.

Parameters in GUI

Parameter	Description	Default value
Reference URL	A URL to the file with a reference sequence.	

Parameters in Workflow File

Type: align-to-reference

Parameter	Parameter in the GUI	Type
reference	Reference URL	<i>string</i>

Input/Output Ports

The element has 1 *input port*:

Name in GUI: Input sequence

Name in Workflow File: in-sequence

Slots:

Slot In GUI	Slot in Workflow File	Type
Sequence	sequence	<i>sequence</i>

And 1 *output port*:

Name in GUI: Aligned data

Name in Workflow File: out

Slots:

Slot In GUI	Slot in Workflow File	Type
Set of annotations	annotations	<i>ann_table</i>
MSA	msa	<i>malignment</i>
Sequence	sequence	<i>sequence</i>