

# Extract Consensus from Alignment as Sequence

Extract the consensus sequence from the incoming multiple sequence alignment.

**Element type:** extract-msa-consensus-sequence

## Parameters

Parameter	Description	Default value	Parameter in Workflow File	Type
<b>Algorithm</b>	The algorithm of consensus extracting.		<b>algorithm</b>	<i>string</i>
<b>Threshold</b>	The threshold of the algorithm.	100	<b>threshold</b>	<i>numeric</i>
<b>Keep gaps</b>	Set this parameter if the result consensus must keep the gaps.	True	<b>keep-gaps</b>	<i>boolean</i>

## Input/Output Ports

The element has 1 *input port*.

**Name in GUI:** *in-msa*

**Name in Workflow File:** in-msa

**Slots:**

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

And 1 *output port*.

**Name in GUI:** *out-sequence*

**Name in Workflow File:** out-sequence

**Slots:**

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