

# Extract Consensus from Alignment as Sequence

Extract the consensus sequence from the incoming multiple sequence alignment.

Parameters in GUI

Parameter	Description	Default value
Algorithm	The algorithm of consensus extracting.	
Threshold	The threshold of the algorithm.	100
Keep gaps	Set this parameter if the result consensus must keep the gaps.	True

# Parameters in Workflow File

Type: extract-msa-consensus-sequence

Parameter	Parameter in the GUI	Type
algorithm	Algorithm	string
threshold	Threshold	numeric
keep-gaps	Keep gaps	boolean

## 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
MSA	msa	<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
Sequence	sequence	<i>seq</i>