

# Extract Consensus from Assembly Element

Extract the consensus sequence from the incoming assembly.

**Element type:** extract-consensus

## Parameters

| Parameter | Description                                                    | Default value | Parameter in Workflow File | Type    |
|-----------|----------------------------------------------------------------|---------------|----------------------------|---------|
| Algorithm | The algorithm of consensus extracting.                         | Default       | algorithm                  | string  |
| Keep gaps | Set this parameter if the result consensus must keep the gaps. | True          | keep-gaps                  | boolean |

## Input/Output Ports

The element has 1 *input port*:

**Name in GUI:** in-assembly

**Name in Workflow File:** in-assembly

**Slots:**

| Slot In GUI   | Slot in Workflow File | Type     |
|---------------|-----------------------|----------|
| Assembly data | assembly              | assembly |

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              | string |