

# Create VCF Consensus Element

Apply VCF variants to a fasta file to create consensus sequence.

Parameters in GUI

| Parameter              | Description                                              | Default value |
|------------------------|----------------------------------------------------------|---------------|
| Output FASTA consensus | The URL to the output file with the resulting consensus. |               |

## Parameters in Workflow File

**Type:** vcf-consensus

| Parameter     | Parameter in the GUI          | Type          |
|---------------|-------------------------------|---------------|
| consensus-url | <b>Output FASTA consensus</b> | <i>string</i> |

## Input/Output Ports

The element has **1** *input ports*:

**Name in GUI:** Input FASTA and VCF

**Name in Workflow File:** in-data

**Slots:**

| Slot In GUI      | Slot in Workflow File | Type          |
|------------------|-----------------------|---------------|
| <b>Fasta url</b> | <b>fasta</b>          | <i>string</i> |
| <b>VCF url</b>   | <b>vcf</b>            | <i>string</i> |

And **1** *output port*:

**Name in GUI:** Fasta consensus URL

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

**Slots:**

| Slot In GUI          | Slot in Workflow File | Type          |
|----------------------|-----------------------|---------------|
| <b>out-consensus</b> | <b>out-consensus</b>  | <i>string</i> |