

CASAVA FASTQ Filter Element

Reads in FASTQ file produced by CASAVA 1.8 contain 'N' or 'Y' as a part of an identifier. 'Y' if a read is filtered, 'N' if the read is not filtered. The workflow cleans up the filtered reads. For example:

```
@HWI-ST880:181:D1WRUACXX:8:1102:4905:2125 1:N:0:TAAGGG CTTACATACTACTGACCATGCTCTCTCTTGTCTGTCTCTTATACACATCT +  
111442222322324232AAFFHIJJJJJIHIF111CGGFHIG???FGB @HWI-ST880:181:D1WRUACXX:8:1102:7303:2101 1:Y:0:TAAGGG  
TCCTTACTGTCTGAGCAATGGGATTCCATCTTTACGATCTAGACATGGCT + 11++4222322.
```

Parameters in GUI

Parameter	Description	Default value
Output directory	Select an output directory. Custom - specify the output directory in the 'Custom directory' parameter. Workflow - internal workflow directory. Input file - the directory of the input file.	Input file
Custom directory	Specify the output directory.	
Output file name	A name of an output file. If default of empty value is provided the output name is the name of the first file with additional extension.	

Parameters in Workflow File

Type: CASAVAFilter

Parameter	Parameter in the GUI	Type
out-mode	Output directory	<i>numeric</i>
custom-dir	Custom directory	<i>string</i>
out-name	Output file name	<i>string</i>

Input/Output Ports

The element has 1 *input port*:

Name in GUI: Input File

Name in Workflow File: in-file

Slots:

Slot In GUI	Slot in Workflow File	Type
Source URL	url	<i>string</i>

And 1 *output port*:

Name in GUI: Output File

Name in Workflow File: out-file

Slots:

Slot In GUI	Slot in Workflow File	Type
Source URL	url	<i>string</i>