Sequence Quality Trimmer Element

Scans each input sequence from the end to find the first position where the quality is greater or equal to the minimum quality threshold.

Then it trims the sequence to that position.

If a whole sequence has quality less than the threshold or the length of the output sequence less than the minimum length threshold then the sequence is skipped.

Parameters in GUI

Parameter	Description	Default value
Trimming quality threshold	Quality threshold for trimming.	30
Min length	Too short reads are discarded by the filter.	0
Trim both ends	Trim both ends of a read or not. Usually, you need to set **True** for **Sanger** sequencing and **False** for **NGS**	True

Parameters in Workflow File

Type: SequenceQualityTrim

Parameter	Parameter in the GUI	Type
qual-id	**Trimming quality threshold**	*numeric*
len-id	**Min length**	*numeric*
both-ends	**Trim both ends**	*boolean*

Input/Output Ports

The element has 1 *input port.*

Name in GUI: *Input data*

Name in Workflow File: in-sequence

Slots:

Slot In GUI	Slot in Workflow File	Type
Sequence	**sequence**	*sequence*

And 1 *output port*:

Name in GUI: *Output data*

Name in Workflow File: out-sequence

Slots:

Slot In GUI	Slot in Workflow File	Type
Sequence	**sequence**	*sequence*