Convert Text to Sequence Element

Converts the input text to a sequence.

Parameters in GUI

Parameter	Description	Default value
Sequence name (required)	Result sequence name.	*Sequence*
Sequence alphabet	Alphabet of the sequence. Chooose *Auto* to auto-detect the alphabet or one of the following values: • *All symbols* • *Extended DNA* • *Extended RNA* • *Standard DNA* • *Standard RNA* • *Standard amino*	*Auto*
Skip unknown symbols	If *True*, ignores all symbols that are not presented in the sequence alphabet selected.	*True*
Replace unknown symbols with	Replaces all unknown symbols with the specified symbol.	*N*

Parameters in Workflow File

Type: convert-text-to-sequence

Parameter	Parameter in the GUI	Type
sequence-name	**Sequence name**	*string*
alphabet	**Alphabet**	*string*
skip-unknown	**Skip unknown symbols**	*boolean*
replace-unknown-with	**Replace unknown symbols with**	*string* (1 character)

Input/Output Ports

The element has 1 *input port*:

Name in GUI: *Input text*

Name in Workflow File: in-text

Slots:

Slot In GUI	Slot in Workflow File	Type
Plain text	**text**	*string*

And 1 *output port*:

Name in GUI: *Output sequence*

Name in Workflow File: out-sequence

Slots:

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