Amino Translations Element

Translates a sequence into it’s amino translation or translations.

Parameters in GUI

Parameter	Description	Default value
Translate from	Specifies position that should be used to translate the sequence from: first, second, third or all (three output amino sequences would be generated).	all
Auto selected genetic code	Specifies that genetic code should be selected automatically.	True
Genetic code	Genetic code that should be used to translate the input nucleotide sequence.	The Standard Genetic Code

Parameters in Workflow File

Type: sequence-translation

Parameter	Parameter in the GUI	Type
pos-2-translate	**Translate from**	*string* Available values are: • all • first • second • third
auto-translation	**Auto selected genetic code**	*boolean*
genetic-code	**Genetic code**	*string*

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: *Amino sequence*

Name in Workflow File: out-sequence

Slots:

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