Amino Acid Translation Element

Translates a sequence into its amino translation or translations.

Element type: sequence-translation

Parameters

Parameter	Description	Default value	Parameter in Workflow File	Type
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	**pos-2-translate**	*string* Available values are: • all • first • second • third
Auto selected genetic code	Specifies that genetic code should be selected automatically.	True	**auto-translation**	*boolean*
Genetic code	Genetic code that should be used to translate the input nucleotide sequence.	The Standard 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*