

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	<i>string</i> Available values are: <ul style="list-style-type: none">• all• first• second• third
Auto selected genetic code	Specifies that genetic code should be selected automatically.	True	auto-translation	<i>boolean</i>
Genetic code	Genetic code that should be used to translate the input nucleotide sequence.	The Standard Genetic Code	genetic-code	<i>string</i>

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	<i>sequence</i>

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	<i>sequence</i>
Plain text	text	<i>string</i>