Find Repeats Element

Finds repeats in each supplied sequence, stores found regions as annotations.

Element type: repeats-search

Parameters

Parameter	Description	Default value	Parameter in Workflow File	Type
Annotate as (required)	Name of the result annotation to mark found repeats.	repeat_unit	**result-name**	*string*
Algorithm	Control over variations of the algorithm.	Auto	**algorithm**	*numeric* Available values are: • 0 - algorithm choosed automaticly • 1 - for diagonal algorithm • 2 - for suffix index algorithm
Filter nested	Filters nested repeats.	True	**filter-nested**	*boolean*
Identity	Repeats identity in percent.	100	**identity**	*numeric*
Inverted	Specifies to search for inverted repeats.	False	**inverted**	*boolean*
Max distance	Maximum distance between the repeats.	5000	**max-distance**	*numeric*
Min distance	Minimum distance between the repeats.	0	**min-distance**	*numeric*
Min length	Minimum length of the repeats.	5	**min-length**	*numeric*
Parallel threads	Number of parallel threads used for the task.	Auto	**threads**	*numeric* 0 - for using autodetected threads number

Input/Output Ports

The element has 1 *input port*:

Name in GUI: *Input sequence*

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: *Repeat annotations*

Name in Workflow File: out-annotations

Slots:

Slot In GUI	Slot in Workflow File	Type
Set of annotations	**annotations**	*annotation-table*