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	Туре
Annotate as (require d)	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	Туре
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	Туре
Set of annotations	annotations	annotation-table