Intersect Annotations Element

Intersects two sets of annotations denoted as A and B.

Parameters in GUI

Parameter	Description	Default value
Result annotations	Select one of the following: • Shared interval to report intervals shared between overlapped annotations from set A and set B. • Overlapped annotations from A to report annotations from set A that have an overlap with annotations from set B. • Non-overlapped annotations from A to report annotations from set A that have NO overlap with annotations from set B.	Overlapped annotations from set A
Unique overlaps	If the parameter value is "True", write original A entry once if any overlaps found in B. In other words, just report the fact at least one overlap was found in B. The minimum overlap number is ignored in this case. If the parameter value is "False", the A annotation is reported for every overlap found.	True
Minimum overlap	Minimum overlap required as a fraction of an annotation from set A. By default, even 1 bp overlap between annotations from set A and set B is taken into account. Yet sometimes you may want to restrict reported overlaps to cases where the annotations in B overlaps at least X% (e.g. 50%) of the A annotation. This parameter is only available if the parameter "Unique overlaps" is "False".	0.0000001%

Parameters in Workflow File

Type: intersect-annotations

Parameter	Parameter in the GUI	Type
report	**Result annotations**	*numeric*
unique	**Unique overlaps**	boolean
minimum-overlap	**Minimum overlap**	*numeric*

The element has 2 *input ports*:

Name in GUI: Annotations A

Name in Workflow File: input-annotations-a

Slots:

Slot In GUI	Slot in Workflow File	Type
Annotations A	**annotations**	*annotation-table*

Name in GUI: Annotations B

Name in Workflow File: input-annotations-b

Slots:

Slot In GUI	Slot in Workflow File	Type
Annotations B	**annotations**	*annotation-table*

And 1 *output port*:

Name in GUI: Annotations

Name in Workflow File: output-intersect-annotations

Slots:

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