

Start-Start Constraint Element

Add the *Start-Start constraint* to some two *algorithm elements*. Lets denote these elements as **alg1** and **alg2**.

Parameters in GUI

Parameter	Description	Default value
Min distance	Minimum distance between an alg1 annotation start and an alg2 annotation start.	0bp
Max distance	Maximum distance between an alg1 annotation start and an alg2 annotation start.	0bp

Constraint Explanation:

Let:

alg1_annot_start := the first nucleotide of an annotation obtained from the **alg1**.

alg2_annot_start := the first nucleotide of an annotation obtained from the **alg2**.

The result annotations should comply with the rule:

$$\text{Min distance} \leq \text{Distance}(\text{alg1_annot_start}, \text{alg2_annot_start}) \leq \text{Max distance}$$

Parameters in Schema File

Type: distance

Distance-type: start-to-start

Parameter	Parameter in the GUI	Type
min	Min distance	numeric
max	Max distance	numeric