

CDD Algorithm Element

When the *element* is used the input nucleotide sequence is translated into 6 amino sequences. The translated sequences are used to query the NCBI Conserved Domain Database (CDD).

Parameters in GUI

Parameter	Description	Default value
Annotate As	Name of the result annotations.	CDD result
Expected value	It is also called E-value. Describes the number of hits one can “expect” to see by chance when searching a database of a particular size.	10
Min length	Minimum result length.	50bp
Max length	Maximum result length.	5000bp
Pattern	Filters the result annotations: the qualifier value must contain the specified pattern value.	No default value.

Parameters in Schema File

Type: CDD

Parameter	Parameter in the GUI	Type
key	Annotate As	<i>string</i>
evaluate	Expected value	<i>numeric</i>
min-length	Min length	<i>numeric</i>
max-length	Max length	<i>numeric</i>
pattern	Pattern	<i>string</i>