

HMM2 Algorithm Element

Searches HMM signals in a sequence with one or more profile HMM2 and saves the results as annotations.

Parameters in GUI

Parameter	Description	Default value
Profile HMM	Semicolon-separated list of input HMM files.	You must specify a value!
Min Length	Minimum length of a result region.	10
Max Length	Maximum length of a result region.	1000
Filter by High E-value	Reports domains \leq this E-value threshold in output (hmmsearch-domE option).	1e+1
Filter by Low Score	Reports domains \geq this score cutoff in output (hmmsearch-domT option).	0.01
Number of Sequences	Specifies number of significant sequences. It is used for domain E-value calculations (hmmsearch-domZ option).	1 (i.e. one input sequence)

Parameters in Schema File

Type: hmm2

Parameter	Parameter in the GUI	Type
min-len	Min Length	<i>string</i>
max-len	Max Length	<i>string</i>
hmm-profile	Profile HMM	<i>string</i>
e-val	Filter by High E-value	<i>numeric</i>
score	Filter by Low Score	<i>numeric</i>
seqs-num	Number of Sequences	<i>numeric</i>