

SITECON Algorithm Element

The *element* searches the input sequence for transcription factor binding sites (TFBSs) significantly similar to the specified SITECON profiles.

Parameters in GUI

Parameter	Description	Default value
Annotate As	Name of the result annotations.	misc_feature
Direction	See the description here .	Any
Min Err1	Filters the results by minumum value of Error type I.	0
Max Err2	Filters the results by maximum value of Error type II.	0.001
Model	Semicolon-separated list of SITECON profiles.	You must specify a value!
Min score	Recognition quality percentage threshold. Choosing too low threshold will lead you to recognition of too many TFBS. Choosing too high threshold will lead to no TFBS recognized.	85%

Parameters in Schema File

Type: sitecon

Parameter	Parameter in the GUI	Type
key	Annotate As	string
err1	Min Err1	numeric
err2	Max Err2	numeric
profile	Model	string
score	Min score	numeric
strand	Direction	string Available values are: • complement • direct • both