

# Weight Matrix Algorithm Element

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

## Parameters in GUI

| Parameter          | Description                                | Default value             |
|--------------------|--|---------------------------|
| <b>Annotate As</b> | Name of the result annotations.            | misc_feature              |
| <b>Direction</b>   | See the description <a href="#">here</a> . | Any                       |
| <b>Matrix</b>      | Path to the profile.                       | You must specify a value! |
| <b>Min score</b>   | Minimum score to detect TFBS.              | 85%                       |

## Parameters in Schema File

Type: wsearch

| Parameter | Parameter in the GUI | Type  |
|-----------|----------------------|---|
| key       | Annotate As          | <i>string</i>   |
| matrix    | Matrix               | <i>string</i>   |
| min-score | Min score            | <i>numeric</i>  |
| strand    | Direction            | <i>string</i><br>Available values are: <ul style="list-style-type: none"><li>• complement</li><li>• direct</li><li>• both</li></ul> |