

Build Frequency Matrix Element

Builds a frequency matrix. Frequency matrices are used for probabilistic recognition of transcription factor binding sites.

Element type: fmatrix-build

Parameters

Parameter	Description	Default value	Parameter in Workflow File	Type
Matrix type	Dinucleic matrices are more detailed, while mononucleic one are more useful for small input data sets.	Mononucleic	type	<i>boolean</i> Available values are: <ul style="list-style-type: none">• true - for Dinucleic• false - for Mononucleic

Input/Output Ports

The element has 1 *input port*:

Name in GUI: *Input alignment*

Name in Workflow File: in-msa

Slots:

Slot In GUI	Slot in Workflow File	Type
MSA	msa	<i>msa</i>

And 1 *output port*:

Name in GUI: *Frequency matrix*

Name in Workflow File: out-fmatrix

Slots:

Slot In GUI	Slot in Workflow File	Type
Frequency matrix	fmatrix	<i>fmatrix</i>