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**	*boolean* Available values are: • 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**	*msa*

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**	*fmatrix*