HMM3 Build Element

Builds a HMM3 profile from a multiple sequence alignment. The HMM3 profile is a statistical model which captures position-specific information about how conserved each column of the alignment is, and which residues are likely.

Parameters in GUI

Parameter	Description	Default value
Random seed	Random generator seed. 0 - means that one-time arbitrary seed will be used.	0

Parameters in Workflow File

Type: hmm3-build

Parameter	Parameter in the GUI	Type
seed	**Random seed**	*numeric*

Input/Output Ports

The element has 1 *input port*:

Name in GUI: *Input MSA*

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: *HMM3 profile*

Name in Workflow File: out-hmm3

Slots:

Slot In GUI	Slot in Workflow File	Type
HMM profile	**hmm3-profile**	*hmm3-profile*