

# Align Profile to Profile with MUSCLE Element

Aligns second profile to master profile with MUSCLE aligner.

**Type:** align-profile-to-profile

## Input/Output Ports

The element has 1 *input port*.

**Name in GUI:** in-profiles

**Name in Workflow File:** in-profiles

**Slots:**

Slot In GUI	Slot in Workflow File	Type
Master profile	master-msa	<i>malignment</i>
Second profile	second-msa	<i>malignment</i>

And 1 *output port*.

**Name in GUI:** out-msa

**Name in Workflow File:** out-msa

**Slots:**

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