

# Building PFM

**Task Name:** pfm-build

Builds a position frequency matrix from a multiple sequence alignment file.

**Parameters:**

*in* — semicolon-separated list of input MSA files. [String, Required]

*out* — output file. [String, Required]

*type* — type of the matrix. [Boolean, Optional, Default: false]

The following values are available:

- true (dinucleic type)
- false (mononucleic type)

Dinucleic matrices are more detailed, while mononucleic ones are more useful for small input data sets.

**Example:**

```
ugene pfm-build --in=COI.aln --out=result.pfm
```