

# Introduction to “universalmotif”

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## Installation

```
if (!requireNamespace("BiocManager", quietly = TRUE))
  install.packages("BiocManager")
BiocManager::install("universalmotif")
```

## Overview

For a brief explanation of sequence motifs, see the Introduction to sequence motifs vignette. This broadly covers the different ‘types’ of motif representation, as well as establishes the nomenclature used by the `universalmotif` package.

Broadly speaking, the capabilities of the `universalmotif` package can be divided into several categories. These are briefly demonstrated in the following vignettes:

- Motif import, export, and manipulation
- Sequence scanning and manipulation
- Motif comparisons and P-values

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