

# Introduction to “universalmotif”

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25 May 2019

## 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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