

# Package ‘rhmmer’

December 19, 2017

**Version** 0.1.0

**Title** Utilities Parsing 'HMMER' Results

**Description** 'HMMER' is a profile hidden Markov model tool used primarily for sequence analysis in bioinformatics (<<http://hmmer.org/>>). 'rhmmer' provides utilities for parsing the 'HMMER' output into tidy data frames.

**URL** <https://github.com/arendsee/rhmmer>

**BugReports** <https://github.com/arendsee/rhmmer/issues>

**Depends** R (>= 3.4.0)

**Imports** magrittr, readr, dplyr, tidyr, rlang

**Suggests** testthat, covr

**LazyData** true

**RoxygenNote** 6.0.1

**License** GPL-3

**NeedsCompilation** no

**Author** Zebulun Arendsee [aut, cre]

**Maintainer** Zebulun Arendsee <[zbwrnz@gmail.com](mailto:zbwrnz@gmail.com)>

**Repository** CRAN

**Date/Publication** 2017-12-19 19:14:30 UTC

## R topics documented:

read_domtblout . . . . .	2
read_tblout . . . . .	2
rhmmer . . . . .	3

<b>Index</b>	<b>4</b>
--------------	----------

---

read\_dombtblout      *Read a file created through the '—dombtblout' option*

---

**Description**

Read a file created through the '—dombtblout' option

**Usage**

```
read_dombtblout(file)
```

**Arguments**

file                  Filename

**Value**

data.frame

**Examples**

```
file <- system.file('extdata', 'example.dombtblout.txt', package='rhmmr')
read_dombtblout(file)
```

---

read\_tblout              *Read a file created through the '—tblout' option*

---

**Description**

Read a file created through the '—tblout' option

**Usage**

```
read_tblout(file)
```

**Arguments**

file                  Filename

**Value**

data.frame

**Examples**

```
file <- system.file('extdata', 'example.tblout.txt', package='rhmmr')
read_tblout(file)
```

---

rhmmmer

*rhmmmer: utilities for 'HMMER'*

---

### **Description**

Currently rhmmmer exports exactly two functions:

### **Details**

read\_tblastout Read a file made by HMMER '`---tblout`'

read\_domtblout Read a file made by HMMER '`---domtblout`'

# Index

[read\\_domtblout](#), [2](#)  
[read\\_tblout](#), [2](#)  
[rhmmmer](#), [3](#)  
[rhmmmer-package \(rhmmmer\)](#), [3](#)