

# Package ‘HiCocietyExample’

July 21, 2025

**Type** Package

**Title** Example HiC and Two 'HiCociety' Outputs for Demonstration and Testing

**Version** 1.0.0

**Maintainer** Sora Yoon <sora.yoon@pennmedicine.upenn.edu>

**Description** Provides an example HiC dataset and two examples of 'HiCociety' outputs from a function named hic2community().  
The data are intended for demonstration purposes only and kept small enough to be distributed via CRAN.

**Depends** R (>= 3.5.0)

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**NeedsCompilation** no

**Author** Sora Yoon [aut, cre]

**Repository** CRAN

**Date/Publication** 2025-04-22 14:10:06 UTC

## Contents

|   |   |
|---|---|
| get_example_HiCociety_obj_mouse_naiveCD4T . . . . . | 2 |
| get_example_HiCociety_obj_mouse_Th1 . . . . .       | 2 |
| get_example_hic_path . . . . .                      | 3 |

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

---

```
get_example_HiCociety_obj_mouse_naiveCD4T
```

*Example HiCociety object for naive CD4+ T cells of mice*

---

**Description**

Example HiCociety object for naive CD4+ T cells of mice

**Usage**

```
get_example_HiCociety_obj_mouse_naiveCD4T()
```

**Value**

The HiCociety object for the naive CD4+ T cells of mice.

**Examples**

```
get_example_HiCociety_obj_mouse_naiveCD4T()
```

---

```
get_example_HiCociety_obj_mouse_Th1
```

*Example HiCociety object for Th1 cells of mice*

---

**Description**

Example HiCociety object for Th1 cells of mice

**Usage**

```
get_example_HiCociety_obj_mouse_Th1()
```

**Value**

The HiCociety object for the Th1 cells of mice.

---

`get_example_hic_path` *Example HiC data file path*

---

**Description**

Example HiC data file path

**Usage**

`get_example_hic_path()`

**Value**

The file path to the example HiC data.

**Examples**

`get_example_hic_path()`

# Index

`get_example_hic_path`, [3](#)  
`get_example_HiCociety_obj_mouse_naiveCD4T`,  
[2](#)  
`get_example_HiCociety_obj_mouse_Th1`, [2](#)