

Package ‘rsbp’

September 15, 2020

Type Package

Title Part Information from the Registry of Standard Biological Parts

Version 0.1.0

Description Provides an R interface to the Registry of Standard Biological Parts API maintained by the iGEM Foundation: <https://igem.org/Main_Page>. Facilitates retrieval of the part number, authorship, date of entry, url, short description, type, and sequence following the guidelines set forth at <http://parts.igem.org/Registry_API/Guidelines>. All Registry content falls under Creative Commons Attribution-ShareAlike: <<https://creativecommons.org/licenses/by-sa/4.0/>>.

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Encoding UTF-8

Language en-US

LazyData true

Depends R (>= 3.6.0)

Imports magrittr (>= 1.5), dplyr (>= 0.4.0), xml2 (>= 1.3.2), reshape2 (>= 1.4.4), lubridate (>= 1.7.9), tidyr (>= 1.1.1), purrr (>= 0.3.4), tibble (>= 3.0.3)

RoxygenNote 7.1.1

NeedsCompilation no

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Repository CRAN

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getPart	<i>Retrieve information for a part from the Registry of Standard Biological Parts</i>
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Description

Retrieve information for a part from the Registry of Standard Biological Parts

Usage

```
getPart(id)
```

Arguments

id	A part name.
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Value

A data frame containing part information.

Information Guidelines

The provided information follows the guidelines set forth by iGEM Foundation at http://parts.igem.org/Registry_API/Guidelines

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Examples

```
getPart("BBa_R0040")
```

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