

Package ‘somaticflags’

May 9, 2026

Title Database of Somatic Flags

Version 0.1.0

Description

Database of genes which frequently sustain somatic mutations, but are unlikely to drive cancer.

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 7.3.1

Depends R (>= 2.10)

Suggests usethis, devtools

URL <https://github.com/CCICB/somaticflags>

BugReports <https://github.com/CCICB/somaticflags/issues>

NeedsCompilation no

Author Sam El-Kamand [aut, cre] (ORCID:
<<https://orcid.org/0000-0003-2270-8088>>),
Children's Cancer Institute Australia [cph]

Maintainer Sam El-Kamand <selkamand@ccia.org.au>

Repository CRAN

Date/Publication 2024-07-09 15:50:06 UTC

Contents

| | |
|---------------------------|----------|
| somaticflags | 2 |
| somaticflags_df | 2 |
| Index | 4 |

`somaticflags`*Somatic Flags Dataset*

Description

a list of genes which are frequently mutated in somatic cancer datasets but are unlikely to drive disease.

Usage

```
somaticflags
```

Format

A vector with 139 gene names:

Source

[doi:10.1038/nature12213](https://doi.org/10.1038/nature12213) and [doi:10.1186/s129200140064y](https://doi.org/10.1186/s129200140064y)

Examples

```
data(somaticflags)
head(somaticflags)
```

`somaticflags_df`*Somatic Flags Dataset*

Description

a list of genes which are frequently mutated in somatic cancer datasets but are unlikely to drive disease.

Usage

```
somaticflags_df
```

Format

A data.frame with 139 gene names:

Gene Genes frequently mutated in somatic cancer datasets but that are unlikely to drive disease

Source Supporting papers for the gene being a somatic flag

Reason Explanation for the gene being considered a somatic flag ...

somaticflags_df

3

Source

[doi:10.1038/nature12213](https://doi.org/10.1038/nature12213) and [doi:10.1186/s129200140064y](https://doi.org/10.1186/s129200140064y)

Examples

```
data(somaticflags_df)
head(somaticflags_df)
```

Index

* datasets

somaticflags, [2](#)

somaticflags_df, [2](#)

somaticflags, [2](#)

somaticflags_df, [2](#)