

Package ‘EPICv2manifest’

December 10, 2025

Title Illumina Infinium MethylationEPIC v2.0 extended manifest from
Peters et al. 2024

Version 0.99.7

Date 2024-08-03

Description A data.frame containing an extended probe manifest for the Illumina Infinium Methylation v2.0 Kit. Contains the complete manifest from the Illumina-provided EPIC-8v2-0_EA.csv, plus additional probewise information described in Peters et al. (2024).

License Artistic-2.0

BugReports <https://support.bioconductor.org/t/EPICv2manifest>

Depends R (>= 4.3.0)

Imports AnnotationHub

Suggests AnnotationHubData, knitr

biocViews AnnotationData, AnnotationHub, probe, IlluminaChip,
Homo_sapiens

Encoding UTF-8

VignetteBuilder knitr

git_url <https://git.bioconductor.org/packages/EPICv2manifest>

git_branch devel

git_last_commit 1014dad

git_last_commit_date 2024-03-08

Repository Bioconductor 3.23

Date/Publication 2025-12-10

Author Tim Peters [aut, cre],
Ruth Pidsley [ctb]

Maintainer Tim Peters <t.peters@garvan.org.au>

Contents

EPICv2manifest-package	2
EPICv2manifest	2

EPICv2manifest-package	<i>Extended EPICv2 manifest data package</i>
------------------------	--

Description

EPICv2manifest is an annotation package providing a data.frame object containing the complete 49 column Infinium Illumina EPIC v2.0 probe manifest (“IlmnID” constitutes the rownames), plus 31 additional columns derived from Peters et al. (2024).

Author(s)

Tim Peters, Immunogenomics Laboratory, Garvan Institute of Medical Research
Maintainer: Tim Peters<t.peters@garvan.org.au>

References

Peters, T.J., Meyer, B., Ryan, L., Achinger-Kawecka, J., Song, J., Campbell, E.M., Qu, W., Nair, S., Loi-Luu, P., Stricker, P., Lim, E., Stirzaker, C., Clark, S.J. and Pidsley, R. (2024). Characterisation and reproducibility of the HumanMethylationEPIC v2.0 BeadChip for DNA methylation profiling. *BMC Genomics* **25**, 251. doi:10.1186/s12864-024-10027-5.

Examples

```
data(EPICv2manifest)
```

EPICv2manifest	<i>Extended Illumina EPICv2 manifest</i>
----------------	--

Description

A data.frame containing an extended probe manifest for the Illumina Infinium Methylation v2.0 Kit. Contains the complete manifest from the Illumina-provided EPIC-8v2-0_EA.csv, plus additional probewise information described in Peters et al. (2024).

Usage

```
data(EPICv2manifest)
```

Format

data.frame

Value

A data.frame containing 80 columns, with Illumina IDs as rownames

Source

https://static-content.springer.com/esm/art%3A10.1186%2Fs12864-024-10027-5/MediaObjects/12864_2024_10027_MOESM4_ESM.csv

References

Peters, T.J., Meyer, B., Ryan, L., Achinger-Kawecka, J., Song, J., Campbell, E.M., Qu, W., Nair, S., Loi-Luu, P., Stricker, P., Lim, E., Stirzaker, C., Clark, S.J. and Pidsley, R. (2024). Characterisation and reproducibility of the HumanMethylationEPIC v2.0 BeadChip for DNA methylation profiling. *BMC Genomics* **25**, 251. doi:10.1186/s12864-024-10027-5.

Index

* **datasets**

EPICv2manifest, [2](#)

EPICv2manifest-package, [2](#)

EPICv2manifest, [2](#)

EPICv2manifest-package, [2](#)