EPICv2manifest

November 13, 2026

`EPICv2manifest-package` *Extended EPICv2 manifest data package*

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` *Extended Illumina EPICv2 manifest*

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, 1
EPICv2manifest-package, 1

EPICv2manifest, 1
EPICv2manifest-package, 1