EPICv2manifest

November 11, 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).

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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.

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