

# Package: AlveolarCellTypeDeconvolution (via r-universe)

June 3, 2026

**Title** DNA methylome-based validation of induced sputum as an effective protocol to study lung immunity: construction of a classifier of pulmonary cell types

**Version** 0.1.0

**Description** Scripts and analyses for alveolar cell type deconvolution.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.3

**Remotes** cran/RefFreeEWAS, hrbrmstr/hrbrthemes, wch/extrafont

**Imports** cluster, ape, RColorBrewer, extrafont, Hmisc, tidyverse, caret, ggpointdensity, RefFreeEWAS, MASS, corrplot, aplpack, viridis, hrbrthemes, dplyr, tidyr, BiocManager, ggplot2, ggpubr, ChAMP, EpiDISH, limma, TOAST

**Repository** <https://jd2112.r-universe.dev>

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**RemoteUrl** <https://github.com/JD2112/Alveolar-Cell-Type-Deconvolution>

**RemoteRef** HEAD

**RemoteSha** dae5d8282383c40313bc84f6cc7bacfd758d3a4