

## DRomics



DRomics is a freely available tool for dose-response (or concentration-response) characterization from omics data. It is especially dedicated to omics data obtained using a typical dose-response design, favoring a great number of tested doses (or concentrations) rather than a great number of replicates (no need of replicates to use DRomics).

> The CRAN package:

<https://cran.r-project.org/web/packages/DRomics/> 


> The development version on GitHub:

<https://github.com/lbbe-software/DRomics>; 



and an extended web page

<https://lbbe-software.github.io/DRomics/> 


> Vignette and cheat sheet:

- [https://lbbe-software.github.io/DRomics/articles/DRomics\\_vignette.html](https://lbbe-software.github.io/DRomics/articles/DRomics_vignette.html) 
- <https://lbbe.univ-lyon1.fr/sites/default/files/media/downloads/dromics.pdf> ([https://lbbe.univ-lyon1.fr/sites/default/files/media/downloads/dromics\\_1.pdf](https://lbbe.univ-lyon1.fr/sites/default/files/media/downloads/dromics_1.pdf))


> The two shiny apps:

- <https://lbbe-shiny.univ-lyon1.fr/DRomics/inst/DRomics-shiny/> 
- <https://lbbe-shiny.univ-lyon1.fr/DRomics/inst/DRomicsInterpreter-shiny/> 

> Contact and issues:

- [dromics@univ-lyon1.fr](mailto:dromics@univ-lyon1.fr)
- <https://github.com/lbbe-software/DRomics/issues> 

> Internship offer (2024-2025)

- [M1 internship at LBBE in Lyon](#) 
- [M2 internship at LBBE in Lyon](#) 