ID de aportación : **29**   Tipo: **Oral**

Transcriptome Translator: A free open-source Shiny App and R Function.

Within transcriptomic studies of Organism and Systems Biology, accurate data processing and translation are crucial for subsequent analyses. This work presents the development and release of a Shiny web application and an R function designed for transcriptome data translation. Additionally, an RMarkdown showcasing an example of the process conducted in the app and function is provided for enhanced transparency.

The Shiny application offers an intuitive interface for users to upload their transcriptome and download the translated results. Conversely, the R function provides a streamlined approach for automated translation processes.

Through seamless interaction with the Shiny application and/or the R function, researchers can effectively convert transcriptome data into translated formats suitable for various downstream analyses, thereby enhancing the accessibility and usability of transcriptomic data. This system represents a valuable resource for researchers seeking to harness the power of R programming and web-based applications in their transcriptome analyses.

¿Presentas la comunicación a premio?

Premio estudiante (grado, máster, doctoral)

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Clasificación de la sesión: Sesión premio predoctoral

Clasificación de pistas: Ciencias naturales