tugHall version 2.0: COMPARISON between cell-based and clone-based codes

License

Short description

This is the short description of comparison of simulations data for cell-based and clone-based codes of **tugHall** *(**tu**mor **g**ene-**Hall**mark)*, which is cancer-cell evolution model simulator, wherein gene mutations are linked to the tumor cell behaviors, which are influenced by the hallmarks of cancer. For detailed description, kindly see *tugHall_v2.0_clone/tugHall_2_clones/Documentation/User-Guide_v_2.0.Rmd.*

Content of folders and files in this directory:

- **CODES** is the folder with a code to make repeating simulations of tests.
- **RESULTS_CELLS** - is the folder with the results of repeating simulations for **cell**-based code **tugHall_v_1.1**.
- **RESULTS_CLONES** - is the folder with the results of repeating simulations for **clone**-based code **tugHall_v_2.0**.
- **Figures** - is the folder with plots for different tests and comparisons of results.
- **GIF_in_R** - is the folder with an R script to make animation files **.gif** from figures.
- **REPORT.R** is an R script to make figures of repeating simulations of tests and its comparisons.
- **User-Guide-Comparison_v2.0.Rmd** is an Rmd report for comparison of simulation data based on different codes.