

GrAPPA is Back Online

GrAPPA is an acronym for **G**raph **A**lgorithms **P**ipeline for **P**athway **A**nalysis. It furnishes the user community with a web-based interface constructed on the Galaxy framework, and primarily consists of novel, scalable graph theoretical modules developed by the [Langston Lab](#) at the University of Tennessee. With GrAPPA, users can employ powerful combinatorial tools for interpreting high-throughput biological data. Access methods for uploading raw data and visualizing results are also provided.

GrAPPA is now back online after a variety of needed enhancements. Its server has been upgraded for increased storage and performance, and all software packages are current. Additional improvements in functionality include:

- a larger repertoire of pre-processing options, including Gaussian graphical models,
- an expanded set of correlation metrics including mutual information, and
- more powerful post-processing capabilities, for example, software tools for Bayesian analysis.

Thanks go to all GrAPPA users for their patience. Suggestions and feedback are encouraged. For more information, please communicate with GrAPPA production assistant [Brett Hagan](#).