Reproducible Quantitative Transcriptome Analysis with oqtans



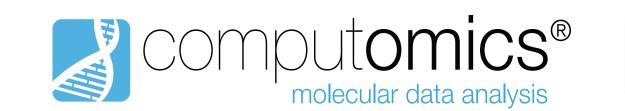
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online quantitative transcriptome analysis



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Introduction

An open-source workbench integrated in the Galaxy framework that enables researchers to set up a computational pipeline for quantitative transcriptome analysis.

Accessibility

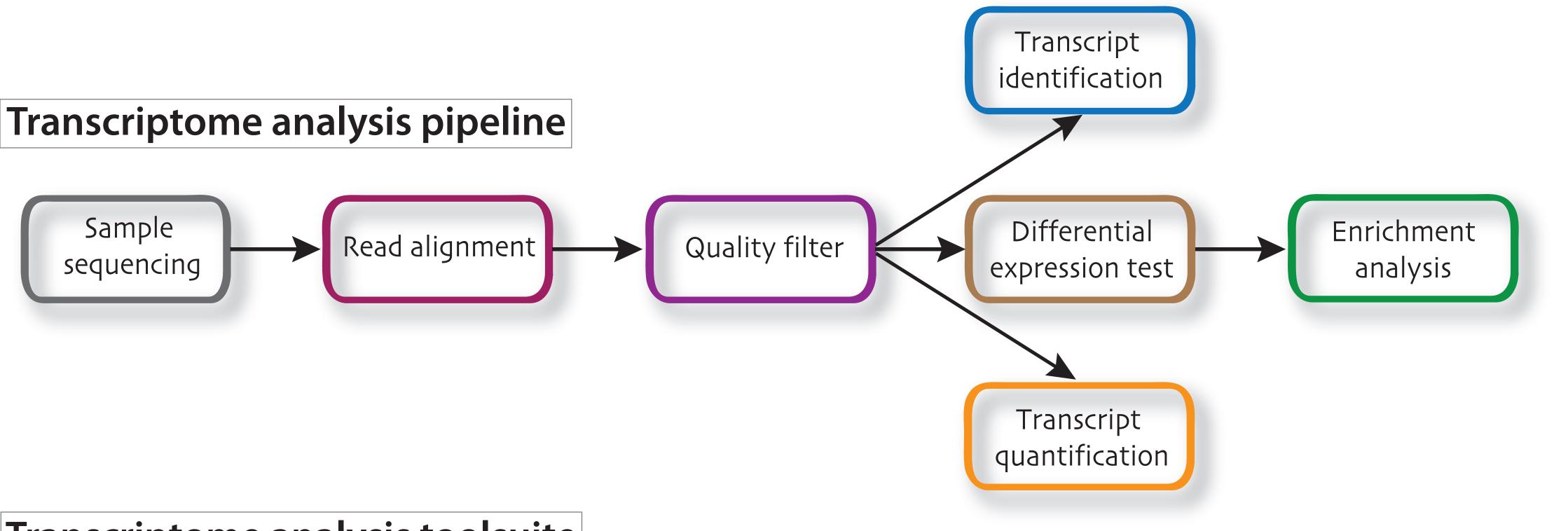
Oqtans enables users without programming experience to easily specify parameters and run tools and workflows through Galaxy.

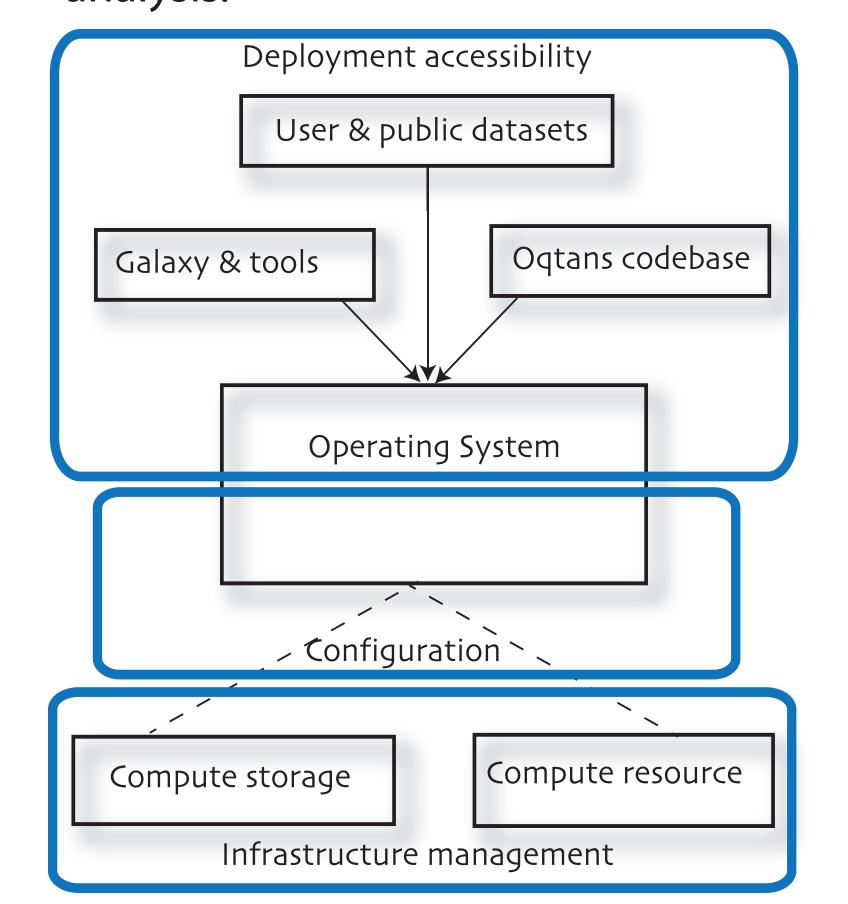
Reproducibility

Galaxy captures all information necessary so that any user can repeat and understand a complete computational analysis.

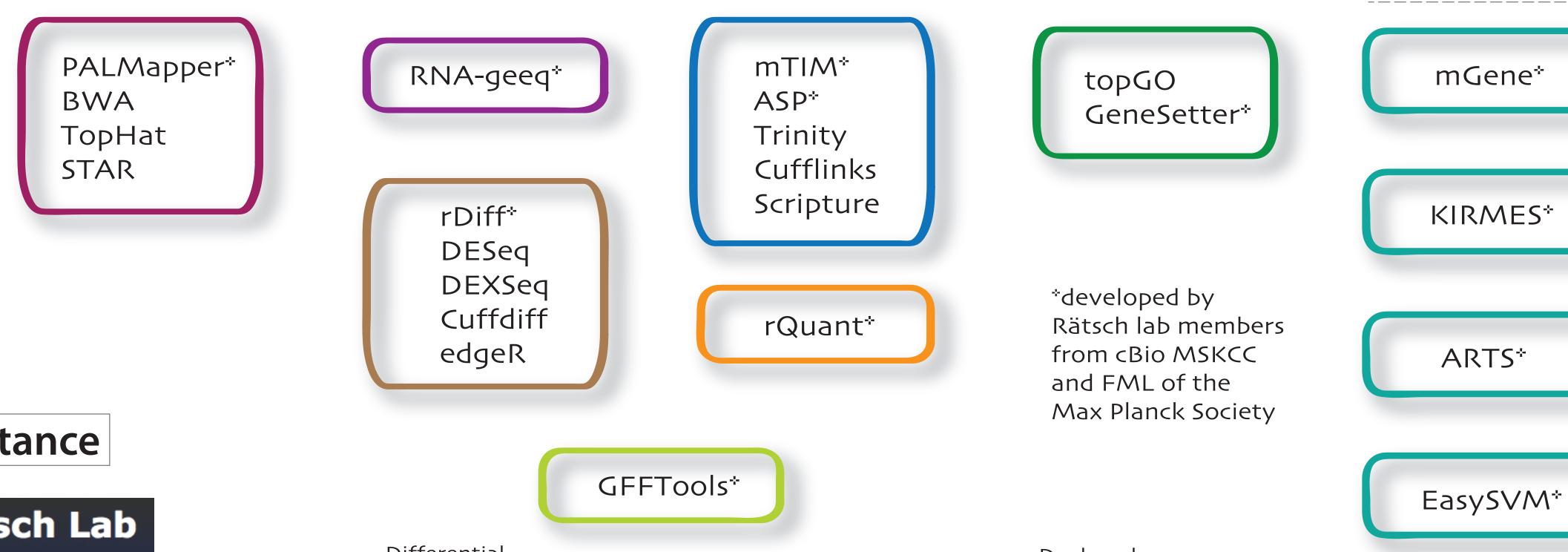
Transparency

Galaxy enables users to share and publish analyses via the web and create interactive, web-based documents that describe a complete analysis.





Transcriptome analysis toolsuite





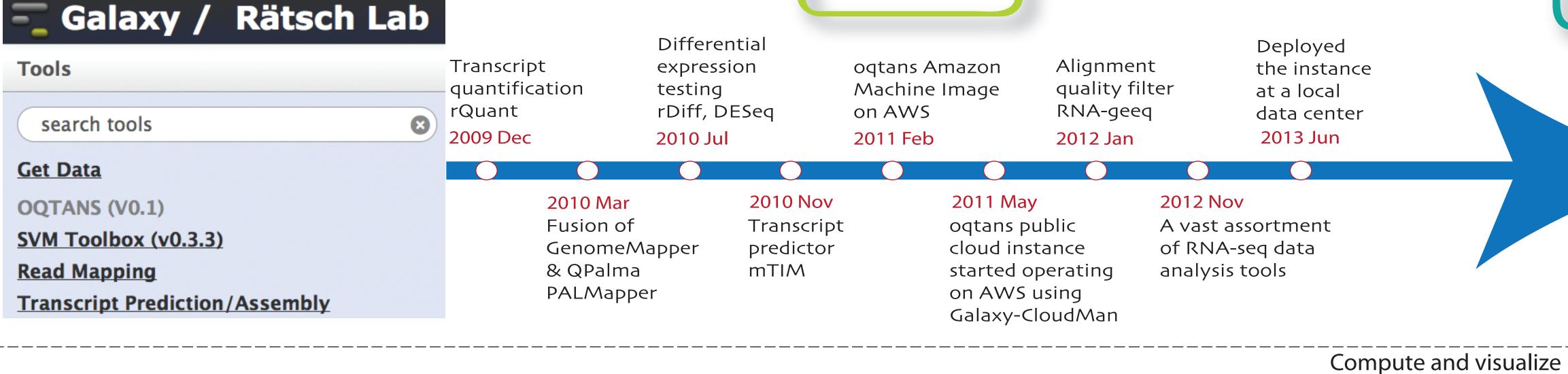
support@oqtans.org galaxy@raetschlab.org

oqtans public instance

Alignment optimization and

RNA-geeq

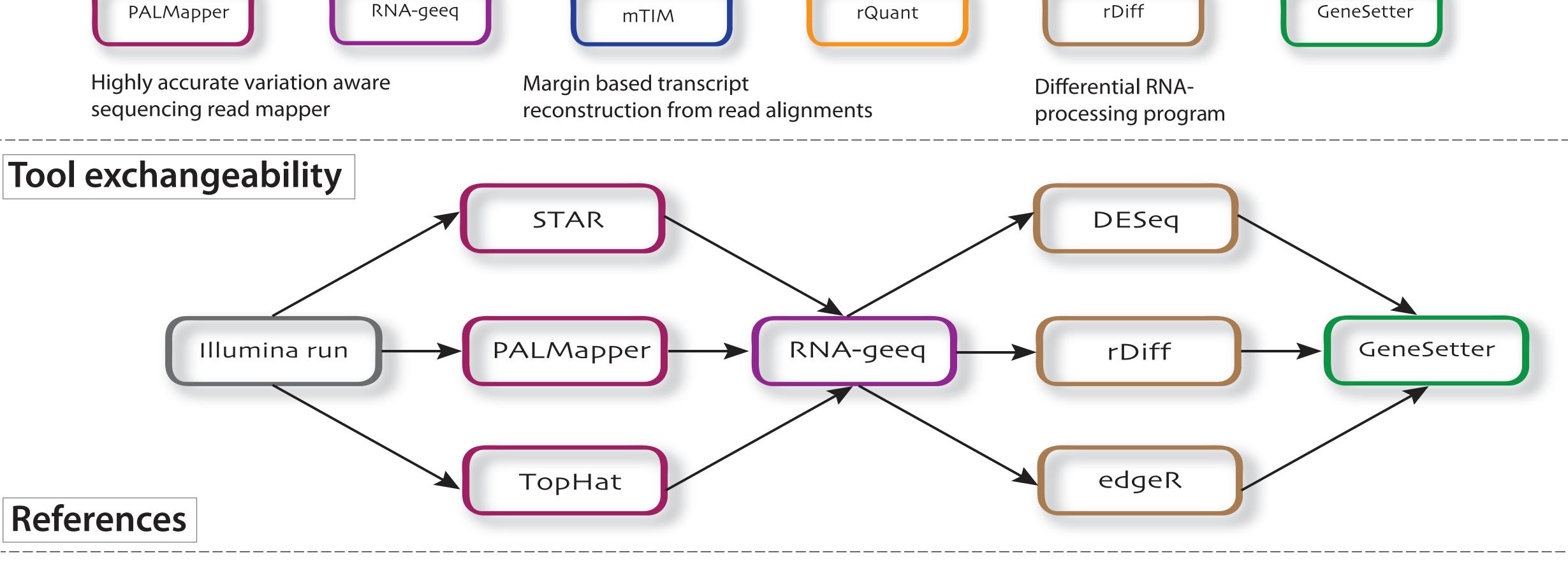
postprocessing toolbox



Useful links http://oqtans.org/

http://galaxy.cbio.mskcc.org/ http://github.com/ratschlab/ http://toolshed.g2.bx.psu.edu/

oqtans Availability



Accurately determine the

abundance of transcripts

rQuant



ratschlab / oqtans







the differential expressed

GeneSetter

gene familes

rDiff