

Materials List for:

# Leveraging CyVerse Resources for *De Novo* Comparative Transcriptomics of Underserved (Non-model) Organisms

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URL: <https://www.jove.com/video/55009>

DOI: [doi:10.3791/55009](https://doi.org/10.3791/55009)

## Materials

Name	Company	Catalog Number	Comments
Trimmomatic v0.33	USADELLAB.org	<a href="https://github.com/timflutre/trimmomatic">https://github.com/timflutre/trimmomatic</a>	<a href="https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=9c2a30dc-028d-11e6-a915-ab4311791e69">https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=9c2a30dc-028d-11e6-a915-ab4311791e69</a>
Sickle	Joshi and Fass	<a href="https://github.com/najoshi/sickle">https://github.com/najoshi/sickle</a>	<a href="https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=68b278f8-d4d6-414d-9a64-b685a7714f7c">https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=68b278f8-d4d6-414d-9a64-b685a7714f7c</a>
Trinity	Broad Institute and Hebrew University of Jerusalem	<a href="https://github.com/trinityrnaseq/trinityrnaseq/wiki">https://github.com/trinityrnaseq/trinityrnaseq/wiki</a>	<a href="https://atmo.iplantcollaborative.org/application/images/1261">https://atmo.iplantcollaborative.org/application/images/1261</a>
rnaQUAST v1.2.0	Algorithmic Biology Lab, St. Petersburg Academic University of the Russian Academy of Sciences	<a href="http://spades.bioinf.spbau.ru/rnaquast/release1.2.0/manual.html">http://spades.bioinf.spbau.ru/rnaquast/release1.2.0/manual.html</a>	<a href="https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=980dd11a-1666-11e6-9122-930ba8f23352">https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=980dd11a-1666-11e6-9122-930ba8f23352</a>
Transdecoder	Broad Institute and Commonwealth Scientific and Industrial Research Organisation	<a href="https://transdecoder.github.io">https://transdecoder.github.io</a>	<a href="https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=5a0ba87e-b0fa-4994-92a2-0d48ee881179">https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=5a0ba87e-b0fa-4994-92a2-0d48ee881179</a>
EdgeR	Robinson et al. 2010.	<a href="https://bioconductor.org/packages/release/bioc/vignettes/edgeR/inst/doc/edgeR.pdf">https://bioconductor.org/packages/release/bioc/vignettes/edgeR/inst/doc/edgeR.pdf</a>	<a href="https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=5aa9e294-6f95-42f9-98e9-c9c96b44f499">https://de.iplantcollaborative.org/de/?type=apps&amp;app-id=5aa9e294-6f95-42f9-98e9-c9c96b44f499</a>
Trinotate	Broad Institute and Hebrew University of Jerusalem	<a href="https://trinotate.github.io/">https://trinotate.github.io/</a>	<a href="https://atmo.iplantcollaborative.org/application/images/1261">https://atmo.iplantcollaborative.org/application/images/1261</a>