
Total RNA-Seq Service Synopsis

Whole Transcriptome Analysis of 26 *C. virginica* Samples

Workflow Checklist

SERVICE	
Sample Received	✓
Sample Quality Evaluated	✓
Sample Prepared for Sequencing	✓
Next-Gen Sequencing	✓
Sequence Quality Check	✓
Bioinformatics Processing	✓
Data/Results	✓

Materials & Methods

RNA-Seq Library preparation & Sequencing:

Total RNA-Seq libraries were constructed from approximately 250 ng of total RNA. To remove rRNA, a method described by [Bogdanova et al.](#) (2011) was followed with some modifications. Libraries were prepared using the Zymo-Seq RiboFree Total RNA Library Prep Kit (Cat # R3000) according to the manufacturer's instructions (<https://www.zymoresearch.com/products/zy-mo-seq-ribofree-total-rna-library-kit>). RNA-Seq libraries were sequenced on an Illumina NovaSeq to a sequencing depth of at least 30 million read pairs (150 bp paired-end sequencing) per sample.

Data Report

FASTQ files can be accessed from the html file attached to the data delivery e-mail.

Important Remarks

As stated in the terms of service, Zymo Research will maintain a copy of your data on our servers for two (2) months only. For this reason, we recommend you back-up the data from the website to a second location.

Please let us know if you have any questions as you look through the report, and we will do our best to assist you further.

