S8 Table. General resources for RNA-seq analysis

The following table provides a list of general resources to help understand the background of RNA biology, next generation sequencing, RNA-seq laboratory methods, and RNA-seq analysis. Additional educational resources can be found in the resources section of the online tutorial at www.rnaseq.wiki.

Resource name and description
SeqAnswers. An online forum for next generation sequencing.
BioStars. An online forum for bioinformatics [90].
Illumina videos on the basics of NGS sequencing: video 1, video 2.
Molecular Biology of the Cell. From DNA to RNA. A comprehensive introduction to transcription, strandedness, RNA types, gene regulation, RNA polymerase function, splicing, and so on.
The RNA-seqlopedia. An overview of RNA-seq and the choices necessary to carry out a successful RNA-seq experiment.
RNA-seq Data: Challenges in and Recommendations for Experimental Design and Analysis.
RNA Bioinformatics, a 25 chapter book covering many topics relevant to RNA-seq analysis.
The RNA-seq blog. An actively maintained blog of RNA-seq related developments.
RNA-seq - Protocols and Algorithms. An active RNA-seq blog.
HTS Mappers. An actively maintained list of short read aligners (RNA-seq aligners are indicated in red).
The periodic table of bioinformatics. A list of commonly used bioinformatics tools.
ENCODE standards, guidelines and best practices for RNA-seq.
REMC standards and guidelines for RNA-sequencing.
A comprehensive assessment of RNA-seq accuracy, reproducibility and information content by the Sequencing Quality Control Consortium.
List of RNA-seq bioinformatics tools.
GEO: The Gene Expression Omnibus (contains many publicly available RNA-seq data sets).