

Canadian Bioinformatics Workshops

www.bioinformatics.ca

This page is available in the following languages:

Afrikaans বাংলা Català Dansk Deutsch Ελληνικά English (GB) English (US) Esperanto
 Castellano Castellano (AR) Español (CL) Castellano (CO) Español (Ecuador) Castellano (MX) Castellano (PE)
 Euskara Suomi français français (CA) Galego עברית hrvatski Magyar Italiano 日本語 한국어 Macedonian Malayu
 Nederlands Norsk Sesotho sa Leboa polski Português română slovenski jezik српски (latinica) Sotho svenska
 中文 華語 (台灣) isiZulu



Attribution-Share Alike 2.5 Canada

You are free:



to Share — to copy, distribute and transmit the work



to Remix — to adapt the work



Under the following conditions:



Attribution. You must attribute the work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work).



Share Alike. If you alter, transform, or build upon this work, you may distribute the resulting work only under the same or similar licence to this one.

- For any reuse or distribution, you must make clear to others the licence terms of this work.
- Any of the above conditions can be waived if you get permission from the copyright holder.
- The author's moral rights are retained in this licence.

[Disclaimer](#)

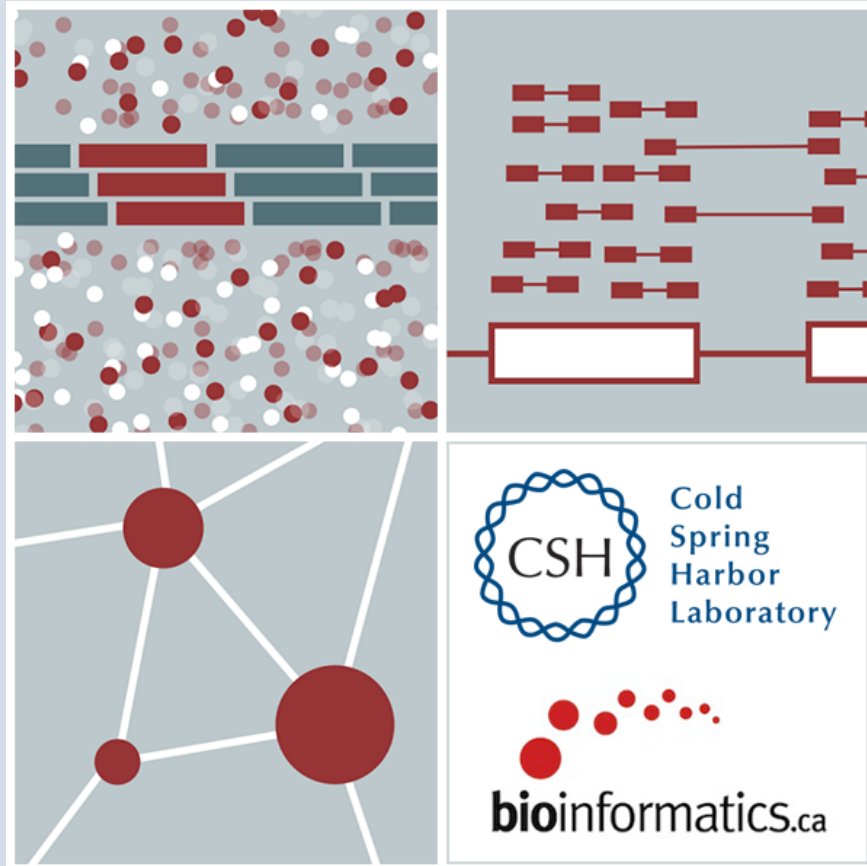
Your fair dealing and other rights are in no way affected by the above.

This is a human-readable summary of the Legal Code (the full licence) available in the following languages:
[English](#) [French](#)

RNA-Seq Module 4

Alignment Free Expression Estimation (lecture)

Malachi Griffith, Obi Griffith
Informatics for RNA-seq Analysis
May 28-30, 2018



Learning objectives of the course

- Module 0: Introduction to Cloud Computing
- Module 1: Introduction to RNA Sequencing
- Module 2: Alignment and Visualization
- Module 3: Expression and Differential Expression
- **Module 4: Alignment Free Expression Estimation**
- Module 5: Isoform Discovery and Alternative Expression

- Tutorials
 - Provide a working example of an RNA-seq analysis pipeline
 - Run in a ‘reasonable’ amount of time with modest computer resources
 - Self contained, self explanatory, portable

Learning objectives of module 4

We are on a Coffee Break &
Networking Session