

“The Power of RNA-seq”

General information

- Date: December 16th-18th, 2013
Location: Wageningen University, the Netherlands
Website: <http://www.nbic.nl/education/nbic-phd-school/nbic-phd-school-course-portfolio/wurpowerofrnaseq/>
Keywords: RNA-seq, transcriptome analysis, experimental design, read mapping, quality control, differential expression, RNA-editing, interpretation, pathways, data analysis, allelic expression
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Teachers: Edouard Severing, Harm Nijveen, Elio Schijlen, Paul Eilers, Sandra Smit, Marco Bink, Aalt-Jan van Dijk, Ole Madsen, Basten Snoek, Richard Immink

Description

The graduate school Experimental Plant Sciences (EPS), the Bioinformatics Laboratory (WUR) and the Netherlands Bioinformatics Centre (NBIC) are organising an NGS *application course* on RNA-seq. This is a 3-day course that will consist of lectures in the morning and extensive hands-on computer practicals in the afternoon. Topics and examples for this course will all be taken from the ‘agri-domain’, but methods and theory are all generally applicable.

Target audience

This beginners course is intended for (post) graduate researchers and bioinformaticians who want to start applying RNA-seq analysis methods on their data tomorrow. The course is intended for people with a basic understanding in (NGS) data analysis. Previous experience with NGS or RNA-seq data analysis, R or Galaxy is not required. We do expect a reasonable computer literacy and a basic knowledge of biology, DNA-technology and statistics.

Registration

You can apply for this course at http://www.nbic.nl/education/nbic-phd-school/enrolment/wur_rna-seq_appform2013.

There is a maximum number of 35 seats available for this course.