Welcome to Illumina MiSeq Sequencing

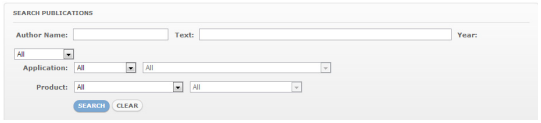
Brainstorm Project Ideas

Applications

- Discover the types of research taking place with Illumina technology by clicking the 'Applications' drop-down menu on the Illumina main web page.
- Explore your area of interest: agrigenomics, cancer genomics, forensic genomics, genetic disease, microbial genomics, and others.

- Get an in-depth knowledge of MiSeq capability by navigating to the MiSeq page.

Publications



- The publication tracker is a great resource for brainstorming project ideas. This tool enables you to search for publications based on author, technology, or application.
- View featured articles in recently released scientific publications
- As you review publications, pay attention to information on the following:
  1. Nucleic acid isolation method
  2. Sample preparation kit
  3. Coverage level (ex. 30X)
  4. Sequencing run length
  5. Analysis technique

Project Planning Resources

Support Website

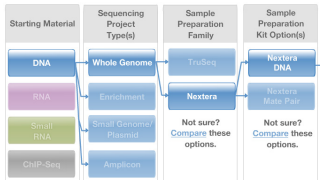
- The MiSeq support page contains protocols, trainings, site preparation requirements, computing/ analysis considerations, and more.
- For full access to all tools and resources on the web site, register for a MyIllumina account.
- Educate yourself on MiSeq technology through these recommended online training courses.

MiSeq: Sequencing Fundamentals (15 min)

MiSeq: Sequencing Chemistry (20 min)

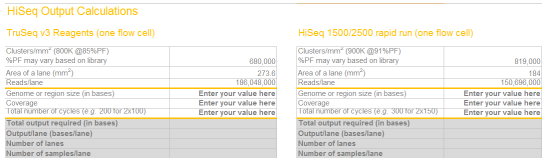
MiSeq: Getting Started (20 min)

Sample Preparation:



- The Kit Selector Tool helps you choose a sample preparation kit for your project. Use the Compare links in the tool to view side-by-side information that can help in your decision making.

Sequencing:



- The coverage calculator helps you estimate the number of sequencing runs necessary for your project.
- Review the Estimating Sequencing Coverage Technical Note for more information on using the coverage calculator tool.

The Illumina Community

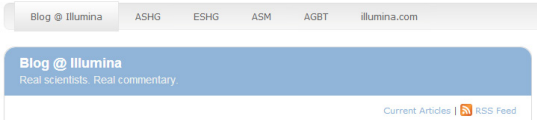
Connect with your Peers

- Stay up-to-date on emerging research and product development news by reading the iCommunity Newsletter.
- Access the archive of previous newsletters.

Events

- The events web page allows you to find User Group Meetings and tradeshows in your area, as well as register for webinars.

- Hover over Calendar dates to get more information about upcoming events.



- The Illumina Blog provides a forum for scientists to give commentary on Illumina's events as well as write articles about cutting-edge innovations in their field.

Notes:

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