

High-throughput RNAi Screening Platform



RNAi Screening Wiki

The Wiki presents an overview of methods and technologies used for large-scale RNAi screening in *Drosophila* and human cells. Please feel free to contact us in case there are any suggestions or questions.

Computational tools

- [Description](#) of computational tools for HTS data analysis
- [E-RNAi](#) - a web-based tool for the design of RNAi constructs
- [Next-RNAi](#) - a software for the design and evaluation of genome-wide RNAi libraries
- [GenomeRNAi](#) - a comprehensive database for RNAi phenotypes from *Drosophila* and human cells
- [web cellHTS2](#) - a web-based implementation of cellHTS2 for the statistical analysis of screening experiments

Screening - General considerations

- [General overview](#)
- [RNAi screening - overview](#)
- [Small molecule screening - overview](#)
- [Assay development - general considerations](#)
- [Cell-based reporter screens](#)
- [Cell-based imaging screens](#)
- [Data analysis](#)

RNAi Screening in *Drosophila*

- [RNAi library generation - *Drosophila*](#)
- [RNAi screening in *Drosophila* cells](#)

RNAi Screening in human cells

- [RNAi screening in human cells](#)
- [Cell culture protocols](#)

RNAi libraries and Instrumentation

- [RNAi Libraries](#)
- [Instrument overview](#)

Collaborators Area

- [Log-in](#)

General information

- [Overview](#)
- [Team](#)
- [Contact us and location](#)
- [How-to perform a screen with the RNAi platform](#)

Courses

- [Helmholtz Course on High-throughput RNAi 2010](#)
- [EMBO Practical Course on High-throughput RNAi Screening and Data Analysis 2010](#)
- [EMBO Practical Course on High-throughput RNAi Screening and Data Analysis 2013](#)

Assay development

High-throughput screen

Data analysis

Secondary analysis

Literature

- [Publications](#)

Links

- [Research lab homepage](#)
- [EU FP7 CancerPathways](#)