

## Streamline and simplify with SLAMseq and QuantSeq

### Made for each other!

#### Lexogen's perfect couple for high-throughput kinetic RNA sequencing

When SLAMseq, the most commonly used RNA labeling technology, and QuantSeq, the method of choice for gene expression profiling, unite, your benefits are multiplied! Combined, they are the preferred approach for high-throughput kinetic RNA sequencing and used to study effects of fast-acting treatments on RNA kinetics. Academic and non-academic scientists are equally profiting from this duo and utilize it to simplify and streamline their workflows.



#### Cost-efficient analysis of RNA kinetics

Increased read depth required for detection of nucleotide conversion mediated by SLAMseq is ideally carried out by QuantSeq due to its 3' mRNA-Seq approach.



#### Follow the recommendation

Lexogen's QuantSeq is the Nr. 1 library prep kit recommended to use with SLAMseq by researchers world-wide.



#### Simplified ordering experience based on your needs

Application-based ordering packages ease your life and give you more time for your research. Go to page 2.



#### Optimized data analysis pipeline with SLAMdunk

Complex base calling of SLAMseq data is made easy with SLAMdunk which was optimized for QuantSeq libraries.

## Why should I work with Lexogen kits for high-throughput kinetic RNA sequencing?

- 1. You'll be all-right!** Lexogen holds the exclusive license for SLAMseq. Our SLAMseq kits include all user rights and no sub-license is needed.
- 2. We've got your back!** Receive technical support for experimental planning, protocol optimization, troubleshooting, or data interpretation from the RNA experts.
- 3. Your data will thank you!** Profit from the benefits of a standardized, high-quality product manufactured in a controlled environment with optimized reagent formulation.
- 4. We grow with you!** Utilize our user-friendly kit formats, easy-to-follow protocols, and ordering packages to easily scale up your drug discovery experiment.

## It's about time to explore it all!

High-throughput kinetic RNA sequencing is a powerful tool to unlock the unbiased effects of fast-acting compounds or drug candidates in cell culture experiments. During the exploring phase, labeling conditions are optimized specifically to cell types and individual setups, either by shallow sequencing (recommended) or by HPLC. Once thoroughly established, this technology allows to differentiate between primary and secondary transcriptional targets, and provides novel insights into kinetic transcriptional processes that conventional methods are missing out. Changes in RNA synthesis or RNA degradation are detected, time-tracked, and connected to effects of treatments.

## The simpler, the better? Agreed!

Simplicity is an important imperative at Lexogen that we would like our customers to experience everyday. Convenient ordering packages include all required kits for the different types of experiments for high-throughput kinetic RNA sequencing.

- Exploring by sequencing (recommended)
- Exploring by HPLC (for biochemistry experts)
- Anabolic Kinetic 3' mRNA-Seq
- Catabolic Kinetic 3' mRNA-Seq

We recommend using QuantSeq 3' mRNA-Seq V2 Library Prep Kit FWD with UDI Set B1, but various other Lexogen kits are compatible. Use the [SLAMseq Product Configurator](#) to identify the ideal kit combination for your application and needs.



Find the best solution with the SLAMseq Product Configurator:  
[www.lexogen.com/slamseq-configurator](http://www.lexogen.com/slamseq-configurator)

## Ordering Information

Cat. №	Product Name
227	SLAMseq Explorer Kits for 3' mRNA-Seq with QuantSeq FWD V2, 24 preps
228	SLAMseq Explorer Kits for using with HPLC, 24 preps
229	SLAMseq Anabolic Kinetic 3' mRNA-Seq with QuantSeq FWD V2, 24 preps
230	SLAMseq Catabolic Kinetic 3' mRNA-Seq with QuantSeq FWD V2, 24 preps

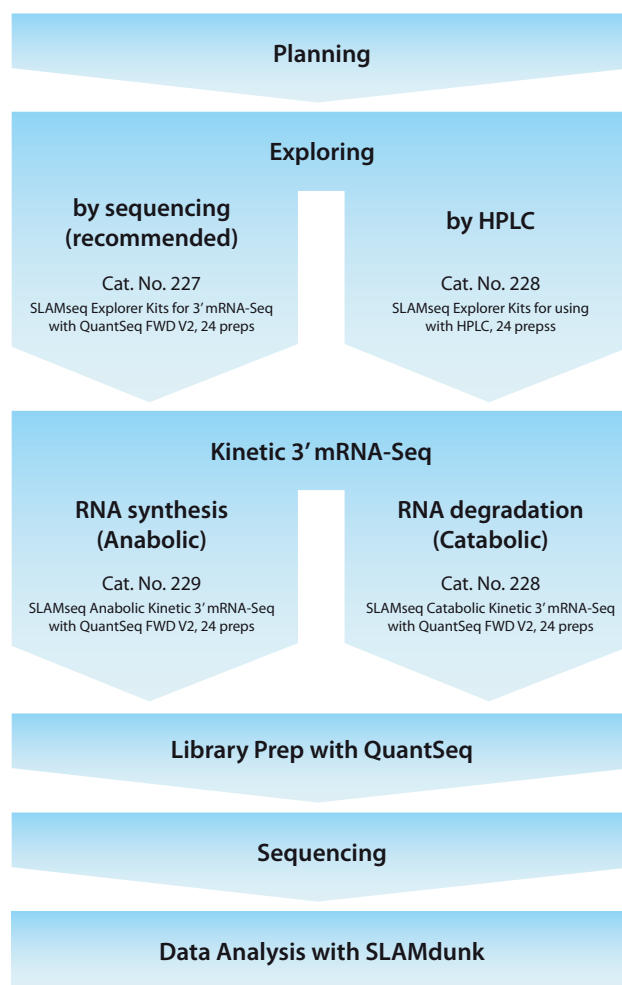


Figure 1 | Workflow of high-throughput kinetic RNA sequencing with two options for exploring phase (by sequencing or by HPLC) and two for Kinetic 3' mRNA-Seq: anabolic (RNA synthesis) or catabolic (RNA degradation) kinetic 3' mRNA-Seq.

Receive more information or request an offer here:

