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Non-coding RNA and Epitranscriptomic Solutions

| GlycoRNA Arrays **NEW !**

Cover Y-RNA/Y-RNA fragment, tRNA, tiRNA&tRF, pre-miRNA, miRNA & more

| Downstream-of-Gene Transcript (DoG RNA) Arrays **NEW !**

Profile DoG RNAs and all their target RNA types simultaneously

| R-loop Profiling **NEW !**

Profile the lncRNA/mRNA/circRNA organized R-loops in gene regulation by DRIPc-seq

| Circular RNA Arrays

Accurately profile circular RNAs by highly specific circular junction probe design

| LncRNA Arrays

Overcome the limitations of RNA-seq for lncRNAs often at low abundance

| Small RNA Arrays

Accurately profile miRNA, pre-miRNA, tRNA, tsRNA, and snoRNA simultaneously

| Epitranscriptomic Arrays

Quantify the percentage of m6A modifications at the transcript specific level

| m6A Single Nucleotide Arrays

Locate and quantify the exact m6A site at single nucleotide resolution

| Small RNA Modification Arrays **NEW !**

Quantify o8G/m7G/m6A/Ψ/m5C in miRNAs, pre-miRNAs & tsRNAs

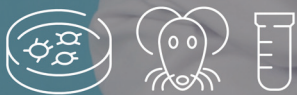


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Finding the genes that matter. Your new superpower.

YOUR INPUT

Cell or Animal Models
Biological Samples

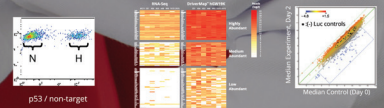


YOUR BRIDGE TO DISCOVERY

- CRISPR / RNAi Libraries & Genetic Screens
- DriverMap™ Targeted RNA-Seq Expression
- DriverMap™ Adaptive Immune Receptor Profiling
- CloneTracker™ Barcode Libraries

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Functional sRNAs Unleashed:

Isolate What Matters with TraPR Small RNA Isolation Kit

Lexogen's TraPR is a rapid, universal, cost-effective, column-based method for isolating functional small RNAs from RNA-induced silencing complexes (RISCs) of all organisms.

Specific Isolation of Functional sRNAs

Lexogen's TraPR Small RNA Isolation Kit specifically isolates functional RISC-associated sRNAs via a single purification column. Thus subsequent RNA extraction channels only functional sRNAs into the library preparation, which dramatically decreases the overall cost per sample for sRNA-Seq.

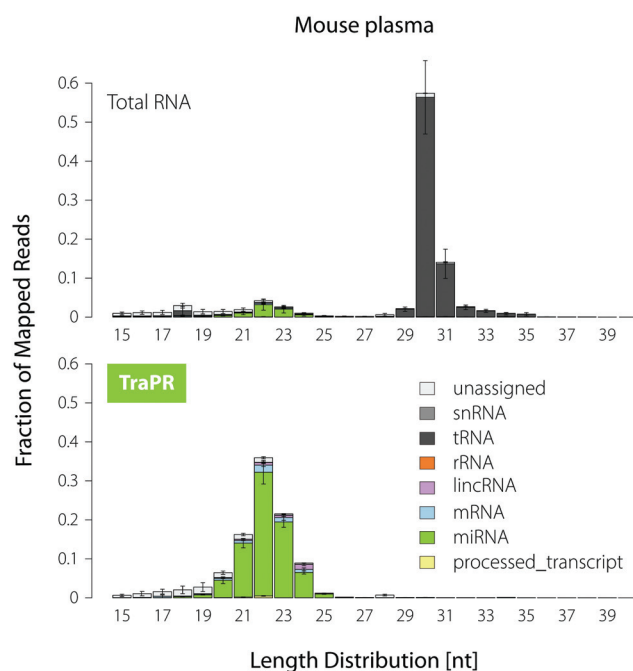


Figure 1 | TraPR enriches functional sRNA. Size distribution and biotypes of mapped reads from NGS libraries prepared from total RNA (conventional RNA extraction) or TraPR-isolated sRNA from mouse plasma (Grentzinger et al., 2020 NAR, 48:e79)

Benefits:

- **Sensitive:** Detect even low-abundant sRNAs with high confidence and accuracy
- **Robust:** Extract sRNA from degraded and challenging samples
- **Universal:** Screen for novel sRNAs in uncharacterized samples
- **Rapid:** 15 min protocol
- **Easy:** Column-based
- **Cost-efficient:** Isolate only functional sRNAs and saves sequencing cost



Interested to learn more?

Check the product page for more information on our website!