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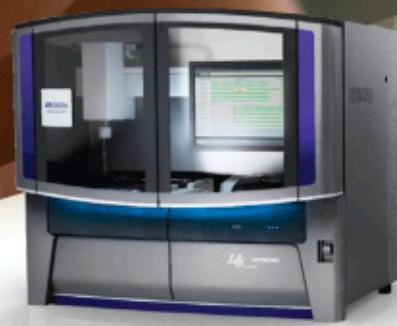
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# Make Directional RNA-Seq Libraries in Less Than 3 Hours

EPICENTRE's new ScriptSeq™ mRNA-Seq Library Preparation Kit (Illumina-compatible) uses a unique terminal-tagging technology that simplifies the preparation of mRNA-Seq libraries from any animal, plant, or bacterial species.

ScriptSeq Illumina-compatible libraries:

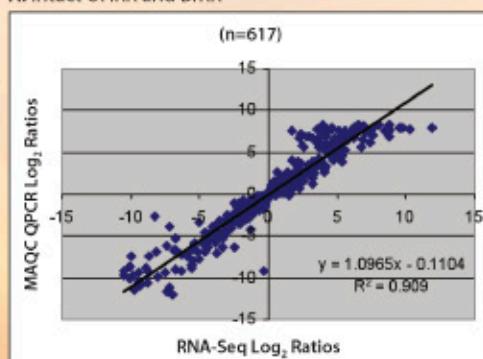
- Enable directional sequencing.
- Are made in 3 hours without the need for adaptor ligation.
- Are barcode-capable. Easily incorporate Illumina-compatible barcodes (available separately) or user-defined barcodes.
- Demonstrate high concordance with MAQC qPCR results.

**ScriptSeq™ mRNA-Seq Library Preparation Kit (Illumina-compatible)** generates libraries for directional sequencing in less than 3 hours. Times for each step are shown in hours:minutes.

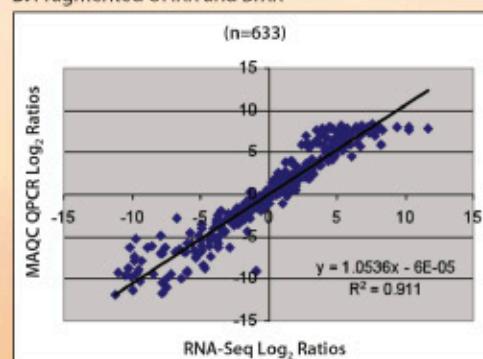
Conventional mRNA-Seq Method	ScriptSeq™ Method
Fragment RNA	(1:00)
Synthesize cDNA	(4:30)
Ligate adaptors	(2:00)
Size-select from gel	(1:30)
Enrich library by PCR	(1:00)
Total Time:	10:00
	Total Time: *single-tube reaction
	~3:00

\*Covered by issued and/or pending patents.

A. Intact UHRR and BrRR



B. Fragmented UHRR and BrRR



**Correlation of gene expression between EPICENTRE ScriptSeq™ libraries and corresponding MAQC data.**

A) Libraries prepared from rRNA-depleted, intact UHRR and BrRR. B) Libraries prepared from partially fragmented, rRNA-depleted UHRR and BrRR. UHRR, Universal Human Reference RNA; BrRR, Brain Reference RNA.

ScriptSeq™ mRNA-Seq Library Preparation Kit (Roche Titanium-compatible) and ScriptMiner™ Small RNA-Seq Library Preparation Kit (Illumina-compatible) are also available. For more information, visit: [www.EpiBio.com/rnaseq](http://www.EpiBio.com/rnaseq)



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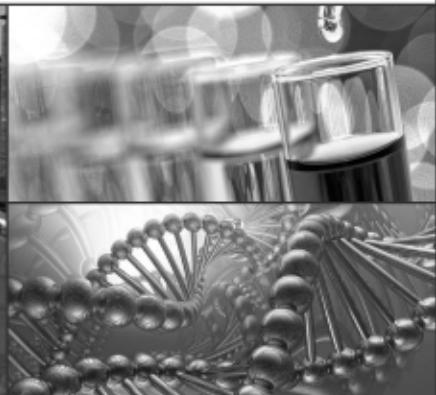
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The International Conference on the Status of  
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Town & Country Hotel, San Diego, California

## Speakers

Roger Beachy, USDA/Washington  
Joe Ecker, Salk Institute  
Ed Green, UC Santa Cruz  
Dave Lipman, NCBI, NLM, NIH  
Sharon Long, Stanford University  
Michael Lynch, Indiana University  
Pam Ronald, UC Davis

## Workshops

Abiotic Stress  
Allele Mining  
Animal Epigenetics  
Apomixis  
Aquaculture  
Arthropod Genomics  
Banana Genomics  
Barley  
Bioinformatics  
Brachypodium Genomics  
Brassicas  
Cacao Genome Sequencing  
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Coffee  
Comparative Genomics  
Cool Season Legumes  
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Cucurbit  
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Equine  
Evolution of Genome Size  
Forage & Turf Plants  
Forest Tree  
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Grape Genome Initiative  
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