

## Splice Leader Sequence 2 Primer

### Catalog No. NR-42622

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#### Contributor:

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#### Manufacturer:

Integrated DNA Technologies, Inc. (IDT<sup>®</sup>)

#### Product Description:

The Splice Leader Sequence 2 (SL-2) primer is a 22 nucleotide primer containing the second splice leader sequence of *Caenorhabditis elegans* (*C. elegans*). The SL-2 nucleotides are trans-spliced to the 5' end of certain *C. elegans* mRNA transcripts. The sequence of the SL-2 primer is: 5'-GGTTTAAACCCAGTTACTCAAG-3'.<sup>2</sup>

#### Material Provided:

Each vial contains approximately 20 µL of forward primer in nuclease-free TE buffer (1 mM Tris-HCl, 0.1 mM EDTA, pH ~ 8). The concentration is shown on the Certificate of Analysis.

#### Packaging/Storage:

Primers were packaged aseptically in plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder upon arrival. Freeze-thaw cycles should be minimized.

#### Citation:

Acknowledgment for publications should read "The following reagent was provided by the NIH/NIAID Filariasis Research Reagent Resource Center for distribution by BEI Resources, NIAID, NIH: Splice Leader Sequence 2 Primer, NR-42622."

#### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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#### References:

1. Michalski, M. L., et al. "The NIH-NIAID Filariasis Research Reagent Resource Center." PLoS Negl. Trop. Dis. 5 (2011): e1261. PubMed: 22140585.
2. Williams, S.A., Personal Communication.

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