

# Wolbachia FtsZ qPCR Reverse Primer

## Catalog No. NR-42628

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**Product Description:** The FtsZ qPCR reverse primer FtsZ-(R)-477 is a 22 nucleotide primer designed to amplify a 187 nucleotide region of the *Wolbachia* FtsZ gene when paired with the FtsZ forward primer FtsZ-(F)-291 (NR-42627). The FtsZ gene encodes a GTPase essential for cell division. The FtsZ-(F)-291 and FtsZ-(R)-477 primers are designed for quantitative PCR (qPCR). The sequence of FtsZ-(R)-477 is: 5'-TAAGTCAGTCACCCCTCTAATG-3'.

Lot<sup>1,2</sup>: 61566481

Manufacturing Date: OCT2012

TEST	SPECIFICATIONS	RESULTS
<b>Primer Characteristics</b>		
Molecular weight	Report results	6654 g/mol
Primer melting temperature (T <sub>m</sub> )	Report results	53.0°C
GC content	Report results	45.5%
Primer concentration	Report results	100 µM
Moles of primer	Report results	2 nmoles per vial
Micrograms of primer	Report results	13.3 µg per vial

<sup>1</sup>NR-42628 lot: 61566481 was manufactured by Integrated DNA Technologies, Inc. (IDT®).

<sup>2</sup>The bulk material was thawed and aliquoted at ATCC®.

Date: 11 JUL 2013

Signature:



Title:

Technical Manager, BEI Authentication or designee

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