

Wolbachia FtsZ qPCR Forward Primer

Catalog No. NR-42627

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Product Description: The FtsZ qPCR forward primer FtsZ-(F)-291 is a 20 nucleotide primer designed to amplify a 187 nucleotide region of the *Wolbachia* FtsZ gene when paired with the FtsZ reverse primer FtsZ-(R)-477 (NR-42628). 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-(F)-291 is 5'-TGAAGGTGTGCGCCGTATGC-3'.

Lot^{1,2}: 61566480

Manufacturing Date: OCT2012

TEST	SPECIFICATIONS	RESULTS
Primer Characteristics		
Molecular weight	Report results	6189 g/mol
Primer melting temperature (Tm)	Report results	56.0°C
GC content	Report results	60.0%
Primer concentration	Report results	100 µM
Moles of primer	Report results	2 nmoles per vial
Micrograms of primer	Report results	12.4 µg per vial

¹NR-42627 lot: 61566480 was manufactured by Integrated DNA Technologies, Inc. (IDT®).

²The bulk material was thawed and aliquoted at ATCC®.

Date: 11 JUL 2013

Signature:



Title:

Technical Manager, BEI Authentication or designee

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