

**Wolbachia WSP qPCR Reverse Primer**

**Catalog No. NR-42626**

This reagent is the tangible property of the U.S. Government.

**Product Description:** The WSP qPCR reverse primer Wlb.0432(R)-I is a 21 nucleotide primer designed to amplify the *Wolbachia* WSP gene when paired with the WSP forward primer Wlb.0432(F)-I (NR-42625). The WSP gene encodes a major surface protein of the *Wolbachia* endosymbiont. The Wlb.0432(R)-I is designed for use with Wlb.0432(F)-I in quantitative PCR. The sequence of Wlb.0432(R)-I is: 5'-AAGTTGCGGTGGTTGATTTG-3'.

**Lot<sup>1</sup>: 62868594**

**Manufacturing Date: 21AUG2014**

TEST	SPECIFICATIONS	RESULTS
<b>Primer Characteristics</b>		
Molecular weight	Report results	6538 g/mol
Primer melting temperature (Tm)	Report results	50.0°C
GC content	Report results	42.9%
Primer concentration	Report results	100 µM
Moles of primer	Report results	2 nmoles per vial
Micrograms of primer	Report results	13.1 µg per vial

<sup>1</sup>NR-42626 lot: 62868594 was manufactured by Integrated DNA Technologies, Inc. (IDT®).

**Date:** 20 OCT 2014

**Signature:**



**Title:**

Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the manufacturer to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

