

Wolbachia WSP qPCR Forward Primer

Catalog No. NR-42625

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Product Description: The WSP qPCR forward primer Wlb.0432(F)-I is a 20 nucleotide primer designed to amplify the *Wolbachia* WSP gene when paired with the WSP reverse primer Wlb.0432(R)-I (NR-42626). The WSP gene encodes a major surface protein of the *Wolbachia* endosymbiont. The Wlb.0432(F)-I is designed for use with Wlb.0432(R)-I in quantitative PCR. The sequence of Wlb.0432(F)-I is: 5'-GCTGGAGCTCGCTACTTTGG-3'.

Lot^{1,2}: 61566478

Manufacturing Date: OCT2012

TEST	SPECIFICATIONS	RESULTS
Primer Characteristics		
Molecular weight	Report results	6140 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	12.3 µg per vial

¹NR-42625 lot: 61566478 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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