

Schistosoma mansoni Microsatellite SMD011 Forward Primer

Catalog No. NR-29384

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Product Description: NR-29384 is a twenty nucleotide forward primer designed to amplify microsatellite SMD011 from *Schistosoma mansoni* (*S. mansoni*) when paired with the reverse primer (NR-29385). The sequence of the SMD011-F 20-mer is 5'-ACCAGAGATCAATAACGCTT-3'.

Lot¹: SMD011-F

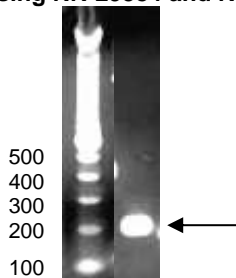
Manufacturing Date: 29NOV2010

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing² Amplicon size NCBI blast of sequence	~ 200 base pairs Identical to GenBank: AF325698	~ 200 base pairs (Figure 1) Identical to GenBank: AF325698
Primer Characteristics¹ Molecular weight Primer melting temperature (T _m) GC content Primer concentration Moles of primer Micrograms of primer	Report results Report results Report results Report results Report results Report results	6094 g/mol 56.3°C 40.0% 100 µM 28.2 nmoles per vial 172.1 µg per vial

¹NR-29384 lot: SMD011-F was manufactured by Eurofins MWG Operon. Primer characteristics were determined by the manufacturer.

²PCR completed by the Biomedical Research Institute.

Figure 1: PCR Amplification of *S. mansoni* Microsatellite SMD43 using NR-29384 and NR-29385



Date: 12 APR 2012

Signature:

Title: Technical Manager, BEI Authentication or designee

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