

Schistosoma mansoni Microsatellite SMD011 Reverse Primer

Catalog No. NR-29385

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

Lot¹: SMD011-R

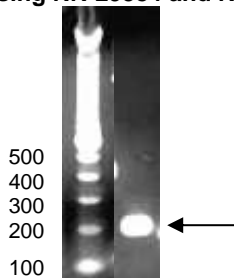
Manufacturing Date: 29NOV2010

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	6512 g/mol 58.7°C 42.9% 100 µM 21.9 nmoles per vial 142.4 µg per vial

¹NR-29385 lot: SMD011-R 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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