

Plasmid pINT, for Transfection in *Plasmodium falciparum*

Catalog No. MRA-847

Product Description: MRA-847 is a *Plasmodium falciparum* (*P. falciparum*) plasmid that expresses integrase (pINT) from mycobacteriophage Bxb1 to catalyze site-specific integration of cotransfected *attP* plasmids (e.g. pLN-ENR-GFP, available as BEI Resources MRA-846) into *attB*⁺ parasites (MRA-843 and MRA-845).

Lot¹: 64136542

Manufacturing Date: 07JUN2016

TEST	SPECIFICATIONS	RESULTS
Next-Generation DNA Sequencing (8012 base pairs)	Report results	99.7% sequence identity to depositor's sequence (GenBank: DQ813654) (Figures 1 and 2)
Concentration by PicoGreen [®] Measurement	Report results	10 ng/μL
Amount	Report results	~ 500 ng per vial
OD ₂₆₀ /OD ₂₈₀ Ratio	1.7 to 2.1	1.9

¹Extracted using a QIAprep[®] Spin Miniprep Kit (QIAGEN[®] 27104)

Figure 1: Complete Plasmid Sequence of MRA-847

>MRA-847 |lot_64136542| complete plasmid sequence

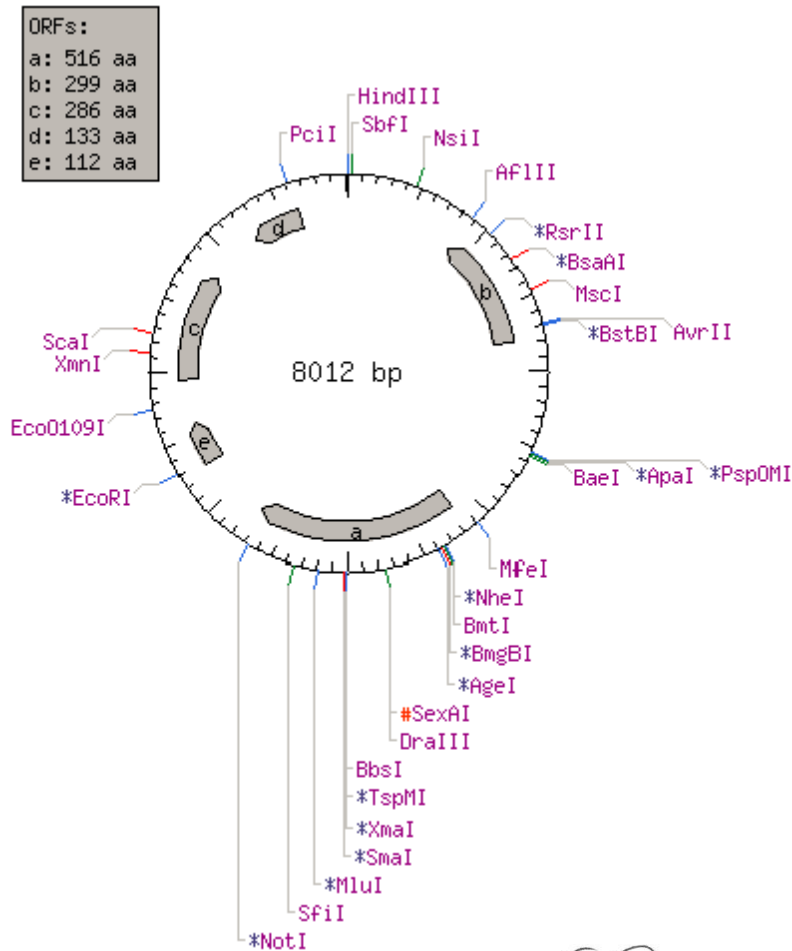
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Figure 2: Plasmid Map of MRA-847 / pINT



Date: 24 OCT 2016

Signature:

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