

**Vector pCAGGS Containing the Mouse-Adapted Zaire Ebolavirus, Mayinga Nucleoprotein Gene**

**Catalog No. NR-49339**

**Product Description:** The nucleoprotein (NP) gene from a mouse-adapted variant of Zaire ebolavirus (EBOV), Mayinga was directionally subcloned into a modified pCAGGS mammalian expression vector. The plasmid was produced in *Escherichia coli* and extracted.

**Lot: 63464829**

**Manufacturing Date: JUN2015**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of Insert (2217 nucleotides)<sup>1</sup></b>	Consistent with EBOV, Mayinga NP	99% identity with EBOV, Mayinga NP (GenBank: AF499101)
<b>PicoGreen<sup>®</sup> Measurement</b> DNA content DNA concentration	Report results Report results	2090 ng 41.8 ng per µL (41.8 µg per mL)
<b>Effective Bacterial Transformation</b>	≥ 100 colonies per ng	≥ 100 colonies per ng

<sup>1</sup>The mouse-adapted Zaire ebolavirus genome insert in NR-49339 includes the entire NP open reading frame except for the initiation codon, which is replaced by a vector-derived ATG and 11 additional in-frame codons.

**Date:** 10 SEP 2015

**Signature:** 

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