

## **Certificate of Analysis for NR-8046**

Francisella tularensis subsp. novicida, "Two-Allele" Transposon Mutant Library, Plate 12 (tnfn1\_pw060328p04)

Catalog No. NR-8046

**Product Description:** NR-8046 represents Plate 12 (tnfn1\_pw060328p04) of the "two-allele" 3050-member sublibrary of a comprehensive 16508-member transposon mutant library of sequence-defined transposon insertion mutants of *Francisella tularensis* subsp. *novicida*, strain U112.

Lot<sup>1</sup>: 58057799 Manufacturing Date: 16JAN2008

TEST	SPECIFICATIONS	RESULTS
Viability (post-freeze) <sup>1</sup>	Report results	Growth from all wells
Purity (post-freeze) <sup>1</sup>	Report results	Single colony type consistent with F. tularensis subsp. novicida from all wells

<sup>&</sup>lt;sup>1</sup>24 hours at 37°C and aerobic atmosphere with 5% CO<sub>2</sub> on chocolate agar

**Date:** 20 JUL 2009 **Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

Fax: 703-365-2898

E-mail: contact@beiresources.org

800-359-7370