

## **Certificate of Analysis for NR-8055**

Francisella tularensis subsp. novicida, "Two-Allele" Transposon Mutant Library, Plate 21 (tnfn1\_pw060419p01)

Catalog No. NR-8055

**Product Description:** NR-8055 represents Plate 21 (tnfn1\_pw060419p01) 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>: 59368076 Manufacturing Date: 10NOV2010

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

<sup>124</sup> hours at 37°C and aerobic atmosphere on chocolate agar

Date: 14 MAR 2011 Signature:

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

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