

Certificate of Analysis for NR-8062

Francisella tularensis subsp. novicida, "Two-Allele" Transposon Mutant Library, Plate 28 (tnfn1_pw060420p04)

Catalog No. NR-8062

Product Description: NR-8062 represents Plate 28 (tnfn1_pw060420p04) 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. Note: NR-8062 does not contain strain tnfn1_pw060420p04q175 (Well C10), however, this transposon mutant is available in NR-10484 (Well B04).

Lot¹: 59368083 Manufacturing Date: 23JUL2010

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

¹²⁴ hours at 37°C and aerobic atmosphere on chocolate agar

Date: 19 NOV 2010 Signature:

Title: Technical Manager, BEI Authentication or designee

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