

***Mycobacterium tuberculosis*, Strain CDC1551, Transposon Mutant 2594 (MT0119, Rv0110)**

Catalog No. NR-18036

Product Description: *Mycobacterium tuberculosis* (*M. tuberculosis*), transposon mutant 2594 was created by disruption of a probable conserved integral membrane protein (MT0119, Rv0110) of the wild-type strain CDC1551. *M. tuberculosis*, strain CDC1551 is a clinical isolate that exhibited high levels of infectivity and virulence during a tuberculosis outbreak that occurred in rural Kentucky and Tennessee from 1994 to 1996.

Lot: 59903581

Manufacturing Date: 23AUG2011

QC testing was performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH). The Colorado State University documentation for TN: HG9137 is attached.

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor 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.

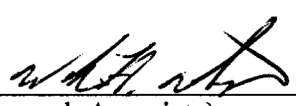


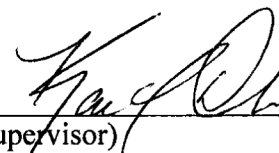
Tn0119_60 Mutant QC Record

ID: Tn0119_60
Species: *M. tuberculosis*
Strain: CDC1551
Gene: 0119
Rv Gene¹: RV0110
POI²: 60
Verified by SOP: tn009
Sequence File: HG9137_HimarSeq.ab1

Growth Rate: ~2.5 weeks
Media recovered on: LJ_X_7H11_X
Colony Morphology: normal

Antibiotic Susceptibility: Kan₂₀-Resistant
Hyg₅₀-Susceptible



(Research Associate) 8/23/11
(Date) 
(Supervisor) 8/25/11
(Date)

¹The Rv number corresponds to the number confirmed on Tuberculist. If blank the number could not be confirmed or no homologous gene exists.

²The POI deviates by less than 10bp from the POI reported by JHU.