

Genomic DNA from *Mobiluncus mulieris*, Strain UPII 28-I

Catalog No. HM-125D

Product Description: Genomic DNA was extracted from a preparation of *Mobiluncus mulieris* (*M. mulieris*), strain UPII 28-I (also referred to as 28-1).

Lot^{1,2}: 64498987

Manufacturing Date: 18NOV2016

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1450 base pairs)	≥ 99% identical to <i>M. mulieris</i> , strain 28-1 (Genbank: ADBR01000053)	100% identical to <i>M. mulieris</i> , strain 28-1 (Genbank: ADBR01000053)
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Concentration by PicoGreen[®] Measurement	0.7 to 1.5 µg in 25 to 100 µL per vial	1.0 µg in 30 µL per vial (33 µg/mL)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1500 base pair amplicon	~ 1500 base pair amplicon
OD₂₆₀/OD₂₈₀ Ratio	1.7 to 2.0	1.9
Bacterial Inactivation 10% of total yield plated on Tryptic Soy agar with 5% defibrinated sheep blood ^{3,4}	No viable bacteria detected	No viable bacteria detected

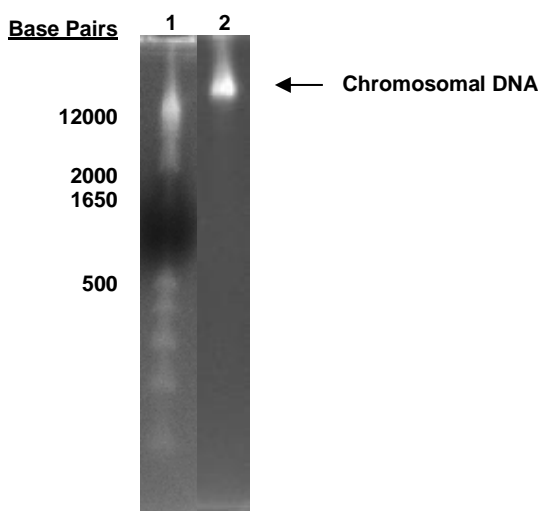
¹Quality control of HMP organisms used for DNA extraction is only performed to demonstrate that the material produced by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²The bacterial preparation used for extraction of genomic DNA was produced by culture of BEI Resources HM-125 (Lot 60232283). Genomic DNA was extracted using proprietary technology.

³7 days at 37°C in an anaerobic atmosphere

⁴An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-positive and Gram-negative bacteria.

Figure 1: Agarose Gel Electrophoresis



Lane 1: Invitrogen™ TrackIt 1 Kb Plus DNA Ladder™
Lane 2: 200 ng of HM-125D

Date: 13 FEB 2017

Signature:



BEI Resources Authentication

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.

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