

**Genomic DNA from Taterapox Virus,
V71-I-016**

Catalog No. NR-50077

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from a preparation of cell lysate and supernatant from *Chlorocebus* (formerly *Cercopithecus*) *aethiops* kidney epithelial (BSC40) cells infected with taterapox virus (TATV), V71-I-016. The complete genomic sequence of TATV has been determined (GenBank: [DQ437594](https://www.ncbi.nlm.nih.gov/nuclseq/DQ437594)).^{1,2}

NR-50077 has been qualified for PCR applications by amplification of an approximately 1100 base pairs of nucleotide sequence. Recommended dilutions for successful PCR amplification are indicated on the Certificate of Analysis for each lot.

Material Provided:

Each vial contains approximately 100 µL of viral genomic DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-50077 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from Taterapox Virus, V71-I-016, NR-50077.”

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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References:

1. Esposito, J. J., et al. “Genome Sequence Diversity and Clues to the Evolution of Variola (Smallpox) Virus.” *Science* 313 (2006): 807-812. PubMed: 16873609.
2. Sammons, S. A., et al. National Center for Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia, 30333, USA. Direct submission.

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