



# Genomic DNA from *Aspergillus niger* strain 3528.7

1015D-2™

## Description

Genomic DNA isolated from *Aspergillus niger* strain A1144 3528.7 (ATCC 1015). This product is whole-genome sequenced and can be used in PCR and other molecular biology applications.

**Organism:** *Aspergillus niger* van Tieghem

**Derived from:** *Aspergillus niger* A1144 3528.7 [ATCC 10582, CBS 113.46, IMI 31821, LSHB Ac4, NCTC 3858a, NRRL 1278, NRRL 328, NRRL 350, NRRL 511, TC 167] ([ATCC 1015](#))

**Genome sequenced strain:** Yes

**Type strain:** No

**Mass:** 2 µg

**Shipping information:** Stored in 1X TE buffer

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## Storage Conditions

**Product format:** Dried

**Storage conditions:** -20°C or colder

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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**BSL 1**

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Quality Control Specifications

**Electrophoresis - RNA content:** No RNA was detected by electrophoresis

**Purity (A260/A280):** 1.7 to 2.1

**Integrity:** Integrity of DNA was determined by electrophoresis on a 1% agarose gel stained with SYBR Safe™, and was found to be of high molecular weight.

**Functional tests:** Functional activity was confirmed by PCR amplification of approximately 1500 base pairs fragment of rRNA gene cluster including ITS1-5.8S-ITS2 region.

**Identity:** Identity confirmed by sequencing of ITS1, 5.8S gene and ITS2 regions of ribosomal RNA (~ 500 base pairs).

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## Notes

Genomic DNA isolated from fungi is appropriate for PCR and other molecular biology applications.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Aspergillus niger* strain 3528.7 (ATCC 1015D-2)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

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Product Sheet

## Contact Information

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