

# Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

## Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System

RRID:SCR\_021901

Type: Tool

### Proper Citation

Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System  
(RRID:SCR\_021901)

### Resource Information

**URL:** [https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2FTFS-Assets%2FLSG%2Fmanuals%2F100031809\\_3500\\_3500xL\\_Software\\_v3\\_1\\_UG.pdf](https://www.thermofisher.com/document-connect/document-connect.html?url=https%3A%2F%2Fassets.thermofisher.com%2FTFS-Assets%2FLSG%2Fmanuals%2F100031809_3500_3500xL_Software_v3_1_UG.pdf)

**Proper Citation:** Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System (RRID:SCR\_021901)

**Description:** System includes fluorescence based DNA analysis instrument using capillary electrophoresis technology with 8 or 24 capillaries, computer workstation and monitor, and integrated 3500 Series Data Collection Software 3.1 for instrument control, data collection, quality control, base calling, and size calling of samples.

**Synonyms:** Applied Biosystems 3500/3500xL Genetic Analyzer with 3500 Series Data Collection Software v 3.1, Applied Biosystems TM 3500/3500xL Genetic Analyzer, Applied Biosystems 3500/3500xL Genetic Analyzer

**Resource Type:** instrument resource

**Keywords:** Fluorescence based DNA analysis, capillary electrophoresis technology, 3500 Series Data Collection Software, instrument, equipment, USEDit

**Availability:** Restricted

**Resource Name:** Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System

**Resource ID:** SCR\_021901

**Record Creation Time:** 20220421T050137+0000

**Record Last Update:** 20260903T235747+0000

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## Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System.

No alerts have been found for Thermo Fisher: Applied Biosystems: 3500/3500xL Genetic Analyzer System.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Gholami S, et al. (2026) CXCR4 mRNA overexpression: an indicator of poor survival and predictor of response to immune checkpoint inhibitors in patients with metastatic colorectal cancer. *BMJ oncology*, 5(1), e001003.

Wulan WN, et al. (2026) Protocol for the identification of recent HIV infection in newly diagnosed individuals. *STAR protocols*, 7(2), 104504.

Zink A, et al. (2026) Pluripotent stem-cell-based screening uncovers sildenafil as a mitochondrial disease therapy. *Cell*, 189(6), 1656.

Ardalan B, et al. (2025) Distinct Molecular and Clinical Features of Specific Variants of KRAS Codon 12 in Pancreatic Adenocarcinoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(6), 1082.

Haschke AM, et al. (2024) Characterization of two iPSC lines from patients with maternally inherited leigh (MILS) and neuropathy, ataxia, and retinitis pigmentosa (NARP) syndrome carrying the MT-ATP6 m.8993 T>G mutation at different degrees of heteroplasmy. *Stem cell research*, 81, 103547.

Wulan WN, et al. (2023) Development of a multiassay algorithm (MAA) to identify recent HIV infection in newly diagnosed individuals in Indonesia. *iScience*, 26(10), 107986.

Henke MT, et al. (2023) Generation of two mother-child pairs of iPSCs from maternally inherited Leigh syndrome patients with m.8993 T > G and m.9176 T > G MT-ATP6 mutations. *Stem cell research*, 67, 103030.

López-Galiano MJ, et al. (2019) Identification of Stress Associated microRNAs in *Solanum lycopersicum* by High-Throughput Sequencing. *Genes*, 10(6).

Lohinai Z, et al. (2017) KRAS-mutation incidence and prognostic value are metastatic site-specific in lung adenocarcinoma: poor prognosis in patients with KRAS mutation and bone metastasis. *Scientific reports*, 7, 39721.