

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 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

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: 20260912T200003+0000

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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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.