

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Thermo Fisher: Ion Personal Genome Machine System

RRID:SCR_017983

Type: Tool

Proper Citation

Thermo Fisher: Ion Personal Genome Machine System (RRID:SCR_017983)

Resource Information

URL: <https://assets.thermofisher.com/TFS-Assets/LSG/Application-Notes/PGM-Specification-Sheet.pdf>

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Description: Thermo Fisher Ion Torrent Sequencer. System combines semiconductor sequencing technology with natural biochemistry to directly translate chemical information into digital data. Coupled with Torrent Suite Software performs preliminary reference genome alignment and outputs data in BAM format for easy downstream analysis with optional third party analysis tools. It can also provide access to web portal for data review and sharing.

Abbreviations: Ion PGM System

Synonyms: Ion Personal Genome Machine (PGM) System, Ion Personal Genome Machine™ (PGM™) System, Ion Personal Genome Machine System

Resource Type: instrument resource

Keywords: sequencing machine, hardware, high-throughput sequencing, instrument, equipment

Availability: Restricted

Resource Name: Thermo Fisher: Ion Personal Genome Machine System

Resource ID: SCR_017983

Alternate URLs: https://assets.fishersci.com/TFS-Assets/LSG/manuals/MAN0007516_IonPGM_System_SPG.pdf

Old URLs: <https://www.thermofisher.com/order/catalog/product/4462921#/4462921>

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Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Ion Personal Genome Machine System.

No alerts have been found for Thermo Fisher: Ion Personal Genome Machine System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wong MRE, et al. (2023) Targeting mutant dicer tumorigenesis in pleuropulmonary blastoma via inhibition of RNA polymerase I. Translational research : the journal of laboratory and clinical medicine, 258, 60.

Crespo-Garcia S, et al. (2021) Pathological angiogenesis in retinopathy engages cellular senescence and is amenable to therapeutic elimination via BCL-xL inhibition. Cell metabolism, 33(4), 818.