

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

PySeq2500

RRID:SCR_027678

Type: Tool

Proper Citation

PySeq2500 (RRID:SCR_027678)

Resource Information

URL: <https://github.com/nygctech/PySeq2500>

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Description: Software tool to control Illumina HiSeq 2500 System. Open source Python code base and flow cell design that converts Illumina HiSeq 2500 instrument, comprising epifluorescence microscope with integrated fluidics, into open platform for programmable applications without need for specialized engineering or software development expertise. Enables non-specialists to develop and implement fluidics coupled imaging methods in benchtop system.

Resource Type: software application, software resource, source code

Defining Citation: [DOI:10.1038/s41598-022-08740-w](https://doi.org/10.1038/s41598-022-08740-w)

Keywords: control Illumina HiSeq 2500 System, develop and implement fluidics coupled imaging,

Funding: NSF

Availability: Free, Available for download, Freely available

Resource Name: PySeq2500

Resource ID: SCR_027678

Alternate URLs: <https://regenseq.github.io/>

License: MIT license

Record Creation Time: 20251119T060338+0000

Record Last Update: 20260919T200115+0000

Ratings and Alerts

No rating or validation information has been found for PySeq2500.

No alerts have been found for PySeq2500.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.