

Resource Summary Report

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DRAGEN Bio-IT Platform

RRID:SCR_028815

Type: Tool

Proper Citation

DRAGEN Bio-IT Platform (RRID:SCR_028815)

Resource Information

URL: https://support.illumina.com/content/dam/illumina-support/help/Illumina_DRAGEN_Bio_IT_Platform_v3_7_1000000141465/Content/SW/Informatics/D

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Description: Hardware accelerated bioinformatics system. Platform processes large sets of genomic data from next-generation sequencing (NGS). It converts raw genetic reads into aligned sequences and identifies genetic variants. Based on DRAGEN Bio-IT Processor, which is integrated on a Field Programmable Gate Array (FPGA) card, is available in a preconfigured server that can be seamlessly integrated into bioinformatics workflows. The platform can be loaded with highly optimized algorithms for many different NGS secondary analysis pipelines. Access Points: You can access or purchase it via local servers, integrated instrument computers, or cloud environments, but it cannot be freely downloaded or used without an authorized commercial license or supported Illumina ecosystem setup.

Resource Type: software resource

Keywords: Illumina, process large sets of genomic data, next-generation sequencing (NGS), convert raw genetic reads into aligned sequences, identify genetic variants,

Availability: Restricted

Resource Name: DRAGEN Bio-IT Platform

Resource ID: SCR_028815

Record Creation Time: 20260811T043846+0000

Record Last Update: 20260811T043847+0000

Ratings and Alerts

No rating or validation information has been found for DRAGEN Bio-IT Platform.

No alerts have been found for DRAGEN Bio-IT Platform.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.