

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

KnowEnG

RRID:SCR_016875

Type: Tool

Proper Citation

KnowEnG (RRID:SCR_016875)

Resource Information

URL: <https://knoweng.org>

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Description: Part of the NIH Big Data to Knowledge (BD2K) Initiative. One of 11 Centers of Excellence in Big Data Computing. Platform for genomics data analysis where user-supplied data sets will be analyzed in the context of existing knowledge. E-science framework for genomics where biomedical scientists will have access to powerful methods of data mining, network mining, and machine learning to extract knowledge out of genomics data.

Synonyms: Knowledge Engine for Genomics, The Knowledge Engine for Genomics

Resource Type: data or information resource, portal, software resource, training resource, organization portal

Defining Citation: [PMID:26205246](#)

Keywords: center, excellence, big, data, computing, biomedical, analytics

Funding: NIGMS U54 GM114838

Resource Name: KnowEnG

Resource ID: SCR_016875

Alternate URLs: <https://github.com/BD2K/KnowEng>

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260801T190543+0000

Ratings and Alerts

No rating or validation information has been found for KnowEnG.

No alerts have been found for KnowEnG.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Emad A, et al. (2020) Superior breast cancer metastasis risk stratification using an epithelial-mesenchymal-amoeboid transition gene signature. Breast cancer research : BCR, 22(1), 74.