

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

iDEP: Integrated Differential Expression and Pathway analysis

RRID:SCR_027373

Type: Tool

Proper Citation

iDEP: Integrated Differential Expression and Pathway analysis (RRID:SCR_027373)

Resource Information

URL: <https://bioinformatics.sdstate.edu/idep/>

Proper Citation: iDEP: Integrated Differential Expression and Pathway analysis (RRID:SCR_027373)

Description: Integrated web application for differential expression and pathway analysis of RNA-Seq data.

Abbreviations: iDEP

Resource Type: web application, software resource

Defining Citation: [PMID:30567491](#)

Keywords: differential expression, pathway analysis, RNA-Seq data,

Funding: NIGMS GM083226;
NSF ;
State of South Dakota

Availability: Free, Freely available

Resource Name: iDEP: Integrated Differential Expression and Pathway analysis

Resource ID: SCR_027373

Record Creation Time: 20250827T062506+0000

Record Last Update: 20260805T044611+0000

Ratings and Alerts

No rating or validation information has been found for iDEP: Integrated Differential Expression and Pathway analysis.

No alerts have been found for iDEP: Integrated Differential Expression and Pathway analysis.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Gou X, et al. (2026) Identification of a Two-Gene Biomarker Correlated with Sensitivity to Combined PARP7 Inhibition and AHR Activation in Cancer Cells. *Cancer research communications*, 6(1), 5.

Gudi RR, et al. (2026) Human Gut Commensal *Bacteroides fragilis* Suppresses Mucin Production and Alters Microbiota Composition Resulting in Accelerated Type 1 Diabetes in Mice. *Immunology*, 177(1), 119.

Ozaki K, et al. (2025) Anti-tumor effect of intratumoral administration of induced pluripotent stem cell-derived NKT cells on glioblastoma through CD155/DNAM-1 interaction. *Stem cells translational medicine*, 14(9).

Yang S, et al. (2025) High-Fat Diet-Induced Excessive Accumulation of Cerebral Cholesterol Esters and Microglial Dysfunction Exacerbate Alzheimer's Disease Pathology in APPNL-G-F mice. *Molecular neurobiology*, 62(9), 12231.

Guo B, et al. (2025) Degenerated meniscus alters knee osteoarthritis-related gene expression in articular chondrocytes through paracrine mechanisms. *Scientific reports*, 16(1), 311.

Aoyama S, et al. (2025) Tumor-associated high endothelial venules are associated with enhanced lymphocyte infiltration and favorable prognosis in resected hepatocellular carcinoma. *Cancer immunology, immunotherapy : CII*, 75(1), 20.

Aliu E, et al. (2025) Chromosome architecture affects virulence and competitiveness in *Agrobacterium tumefaciens* C58. *Science advances*, 11(40), eadx7408.

Yabaji SM, et al. (2025) Dysplastic lung repair fosters a tuberculosis-promoting microenvironment through maladaptive macrophage polarization. *PLoS pathogens*, 21(10), e1013563.