

Resource Summary Report

Generated by [RRID](#) on Aug 5, 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.