<table>
<thead>
<tr>
<th>Resource Name:</th>
<th>DESeq</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resource ID:</td>
<td>SCR_000154</td>
</tr>
<tr>
<td>Alternate IDs:</td>
<td>OMICS_01306, biotools:deseq</td>
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<tr>
<td>Record Creation Time:</td>
<td>20220129T080159+0000</td>
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<tr>
<td>Abbreviations:</td>
<td>DESeq</td>
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<tr>
<td>Resource Type:</td>
<td>software application, data analysis software, data processing software, software resource</td>
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<tr>
<td>Defining Citation:</td>
<td>PMID:20979621, DOI:10.1186/s13059-014-0550-8</td>
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<tr>
<td>Keywords:</td>
<td>gene expression, binomial, differential, negative binomial distribution, bio.tools</td>
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<tr>
<td>Availability:</td>
<td>THIS RESOURCE IS NO LONGER IN SERVICE</td>
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</tbody>
</table>

**Proper Citation:**

DESeq (RRID:SCR_000154)

**Description:** THIS RESOURCE IS NO LONGER IN SERVICE. Documented on August 30, 2023. Software for differential gene expression analysis based on the negative binomial distribution. It estimates variance-mean dependence in count data from high-throughput sequencing assays and tests for differential expression.

Ratings and Alerts

No rating or validation information has been found for DESeq.

No alerts have been found for DESeq.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 365 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


April-Monn SL, et al. (2024) Patient derived tumoroids of high grade neuroendocrine neoplasms for more personalized therapies. NPJ precision oncology, 8(1), 59.


Weigert M, et al. (2024) 5-Hydroxymethylcytosine signals in serum are a predictor of chemoresistance in high-grade serous ovarian cancer. Gynecologic oncology, 182, 82.


Vanhaver C, et al. (2024) Immunosuppressive low-density neutrophils in the blood of cancer patients display a mature phenotype. Life science alliance, 7(1).


Lin P, et al. (2024) RBBP6 maintains glioblastoma stem cells through CPSF3-dependent alternative polyadenylation. Cell discovery, 10(1), 32.


Schwörer S, et al. (2023) Hypoxia Potentiates the Inflammatory Fibroblast Phenotype Promoted by Pancreatic Cancer Cell-Derived Cytokines. Cancer research, 83(10), 1596.


Tawk B, et al. (2023) DNA-Methylome-Based Tumor Hypoxia Classifier Identifies HPV-Negative Head and Neck Cancer Patients at Risk for Locoregional Recurrence after Primary Radiochemotherapy. Clinical cancer research: an official journal of the American Association for Cancer Research, 29(16), 3051.