### RSEM

RRID:SCR_013027  
**Type:** Tool

#### Proper Citation

RSEM (RRID:SCR_013027)

#### Resource Information

<table>
<thead>
<tr>
<th><strong>URL:</strong></th>
<th><a href="http://deweylab.biostat.wisc.edu/rsem/">http://deweylab.biostat.wisc.edu/rsem/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>Software package for quantifying gene and isoform abundances from single end or paired end RNA Seq data. Accurate transcript quantification from RNA Seq data with or without reference genome. Used for quantifying transcript abundances from RNA Seq data.</td>
</tr>
<tr>
<td><strong>Resource Name:</strong></td>
<td>RSEM</td>
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<tr>
<td><strong>Proper Citation:</strong></td>
<td>RSEM (RRID:SCR_013027)</td>
</tr>
<tr>
<td><strong>Resource Type:</strong></td>
<td>Resource, software resource, software application, data analysis software, data processing software</td>
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<tr>
<td><strong>Keywords:</strong></td>
<td>quantifying, gene, isoform, abundance, single, end, paired, RNA seq, data, transcript, reference, genome</td>
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<td><strong>Resource ID:</strong></td>
<td>SCR_013027</td>
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<tr>
<td><strong>Parent Organization:</strong></td>
<td>University of Wisconsin-Madison; Wisconsin; USA</td>
</tr>
<tr>
<td><strong>Funding Agency:</strong></td>
<td>Dr. James Thomson MacArthur Professorship, Morgridge Institute for Research support for Computation and Informatics in Biology and Medicine, NHGRI</td>
</tr>
<tr>
<td><strong>References:</strong></td>
<td>PMID:21816040</td>
</tr>
<tr>
<td><strong>Availability:</strong></td>
<td>Free, Available for download, Freely available</td>
</tr>
<tr>
<td><strong>Website Status:</strong></td>
<td>Last checked up</td>
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</table>
Alternate IDs: OMICS_01287

Alternate URLs: https://github.com/deweylab/RSEM/releases

Abbreviations: RSEM

Mentions Count: 1717

Ratings and Alerts

No rating or validation information has been found for RSEM.

No alerts have been found for RSEM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1717 mentions in open access literature.

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


Li Q, et al. (2020) SMRT sequencing of a full-length transcriptome reveals transcript variants involved in C18 unsaturated fatty acid biosynthesis and metabolism pathways at chilling temperature in Pennisetum giganteum. BMC genomics, 21(1), 52.

Tong D, et al. (2020) Contact-dependent delivery of IL-2 by dendritic cells to CD4 T cells in the contraction phase promotes their long-term survival. Protein & cell, 11(2), 108-123.
