

Resource Summary Report

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

Eoulsan

RRID:SCR_011901

Type: Tool

Proper Citation

Eoulsan (RRID:SCR_011901)

Resource Information

URL: <http://transcriptome.ens.fr/eoulsan/>

Proper Citation: Eoulsan (RRID:SCR_011901)

Description: A versatile framework based on the Hadoop implementation of the MapReduce algorithm, dedicated to high throughput sequencing data analysis on distributed computers.

Abbreviations: Eoulsan

Resource Type: software resource

Defining Citation: [PMID:22492314](#)

Keywords: matlab, unix/linux, mapreduce/hadoop, bio.tools

Resource Name: Eoulsan

Resource ID: SCR_011901

Alternate IDs: OMICS_01402, biotools:Eoulsan

Alternate URLs: <https://www.ouils.genomique.biologie.ens.fr/eoulsan/>,
<https://bio.tools/Eoulsan>

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260801T190431+0000

Ratings and Alerts

No rating or validation information has been found for Eoulsan.

No alerts have been found for Eoulsan.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Taïb S, et al. (2025) Vascular dysfunction is at the onset of oxaliplatin-induced peripheral neuropathy symptoms in mice. *Life science alliance*, 8(2).

Bokobza C, et al. (2025) A systematic scoring system to optimise the testing of neurotherapeutics in models of perinatal brain injury, with an applied case study of human umbilical-cord MSC. *Journal of neuroinflammation*, 23(1), 3.

Yang J, et al. (2024) Mecp2 fine-tunes quiescence exit by targeting nuclear receptors. *eLife*, 12.

Fima R, et al. (2024) Loss of embryonically-derived Kupffer cells during hypercholesterolemia accelerates atherosclerosis development. *Nature communications*, 15(1), 8341.

Chasseigneaux S, et al. (2024) Fasting upregulates the monocarboxylate transporter MCT1 at the rat blood-brain barrier through PPAR α activation. *Fluids and barriers of the CNS*, 21(1), 33.

Atehortua Martinez LA, et al. (2022) Individual differences in cocaine-induced conditioned place preference in male rats: Behavioral and transcriptomic evidence. *Journal of psychopharmacology (Oxford, England)*, 36(10), 1161.

Klein L, et al. (2022) A unique cerebellar pattern of microglia activation in a mouse model of encephalopathy of prematurity. *Glia*, 70(9), 1699.

Demars F, et al. (2022) Post-trauma behavioral phenotype predicts the degree of vulnerability to fear relapse after extinction in male rats. *Current biology : CB*, 32(14), 3180.

Dillard C, et al. (2021) Expression Pattern of Purinergic Signaling Components in Colorectal Cancer Cells and Differential Cellular Outcomes Induced by Extracellular ATP and Adenosine. *International journal of molecular sciences*, 22(21).

Osinski C, et al. (2021) Type 2 diabetes is associated with impaired jejunal enteroendocrine GLP-1 cell lineage in human obesity. *International journal of obesity* (2005), 45(1), 170.

Pirayre A, et al. (2020) Glucose-lactose mixture feeds in industry-like conditions: a gene regulatory network analysis on the hyperproducing *Trichoderma reesei* strain Rut-C30. *BMC genomics*, 21(1), 885.

Vorspan F, et al. (2020) Translational study of the whole transcriptome in rats and genetic polymorphisms in humans identifies LRP1B and VPS13A as key genes involved in tolerance to cocaine-induced motor disturbances. *Translational psychiatry*, 10(1), 381.

Nguyen Quang N, et al. (2020) Dynamic nanopore long-read sequencing analysis of HIV-1 splicing events during the early steps of infection. *Retrovirology*, 17(1), 25.

Tran S, et al. (2020) Impaired Kupffer Cell Self-Renewal Alters the Liver Response to Lipid Overload during Non-alcoholic Steatohepatitis. *Immunity*, 53(3), 627.

Crisci E, et al. (2020) Distinctive Cellular and Metabolic Reprogramming in Porcine Lung Mononuclear Phagocytes Infected With Type 1 PRRSV Strains. *Frontiers in immunology*, 11, 588411.

Drareni K, et al. (2020) Adipocyte Reprogramming by the Transcriptional Coregulator GPS2 Impacts Beta Cell Insulin Secretion. *Cell reports*, 32(11), 108141.

Mazaré N, et al. (2020) Local Translation in Perisynaptic Astrocytic Processes Is Specific and Changes after Fear Conditioning. *Cell reports*, 32(8), 108076.

Thierion E, et al. (2017) Krox20 hindbrain regulation incorporates multiple modes of cooperation between cis-acting elements. *PLoS genetics*, 13(7), e1006903.

Yu P, et al. (2016) Single-cell Transcriptome Study as Big Data. *Genomics, proteomics & bioinformatics*, 14(1), 21.

Druzhinina IS, et al. (2016) A complete annotation of the chromosomes of the cellulase producer *Trichoderma reesei* provides insights in gene clusters, their expression and reveals genes required for fitness. *Biotechnology for biofuels*, 9, 75.