

# Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

## ROGUE

RRID:SCR\_026568

Type: Tool

### Proper Citation

ROGUE (RRID:SCR\_026568)

### Resource Information

**URL:** <https://github.com/PaulingLiu/ROGUE>

**Proper Citation:** ROGUE (RRID:SCR\_026568)

**Description:** Software tool as entropy-based metric for assessing purity of single cell populations. Used to accurately quantify purity of identified cell clusters.

**Resource Type:** source code, data processing software, software resource, data analysis software, software application

**Defining Citation:** [PMID:32572028](#)

**Keywords:** Assessing purity of single cell population, entropy-based metric, quantify purity, identified cell clusters,

**Funding:** Peking University ;  
National Natural Science Foundation of China

**Availability:** Free, Available for download, Freely available

**Resource Name:** ROGUE

**Resource ID:** SCR\_026568

**License:** BSD-3-Clause license

**Record Creation Time:** 20250313T060330+0000

**Record Last Update:** 20260818T043813+0000

### Ratings and Alerts

No rating or validation information has been found for ROGUE.

No alerts have been found for ROGUE.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Risley CA, et al. (2025) Transcription factor T-bet regulates the maintenance and differentiation potential of lymph node and lung effector memory B cell subsets. *Immunity*, 58(7), 1706.

Ruan Z, et al. (2023) Single-cell RNA sequencing unveils Lrg1's role in cerebral ischemia? reperfusion injury by modulating various cells. *Journal of neuroinflammation*, 20(1), 285.

Li L, et al. (2021) Improved integration of single-cell transcriptome and surface protein expression by LinQ-View. *Cell reports methods*, 1(4), 100056.