

# Resource Summary Report

Generated by [RRID](#) on Sep 17, 2026

## CrossExpression

RRID:SCR\_027990

Type: Tool

### Proper Citation

CrossExpression (RRID:SCR\_027990)

### Resource Information

**URL:** <https://github.com/gillislabs/CrossExpression>

**Proper Citation:** CrossExpression (RRID:SCR\_027990)

**Description:** Software package to discover genes that coordinate their expression across spatially adjacent cells. Used for analysis of spatial transcriptomic data allowing in-depth analyses how genes coordinate their expression in space to perform tissue-level functions. Facilitates analysis and exploration of cross-expression patterns.

**Resource Type:** software resource, software toolkit

**Defining Citation:** [PMID:41163012](#)

**Keywords:** analysis of spatial transcriptomic data, genes, coordinate genes expression in space, cross-expression patterns,

**Funding:** NIMH DP2MH132940;  
NIMH R01MH113005;  
NIMH R01MH133181;  
Ontario Graduate Scholarship ;  
University of Toronto

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

**Resource Name:** CrossExpression

**Resource ID:** SCR\_027990

**License:** MIT license

**Record Creation Time:** 20260220T054226+0000

**Record Last Update:** 20260912T200541+0000

### Ratings and Alerts

No rating or validation information has been found for CrossExpression.

No alerts have been found for CrossExpression.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Sarwar A, et al. (2025) Cross-expression meta-analysis of mouse brain slices reveals coordinated gene expression across spatially adjacent cells. *Genome biology*, 26(1), 373.

Sarwar A, et al. (2024) Cross-expression analysis reveals patterns of coordinated gene expression in spatial transcriptomics. *bioRxiv* : the preprint server for biology.