

Resource Summary Report

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RiFRET

RRID:SCR_025028

Type: Tool

Proper Citation

RiFRET (RRID:SCR_025028)

Resource Information

URL: <https://github.com/CellMoTher/RiFRET>

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Description: Software tool used to calculate FRET efficiency on pixel-by-pixel basis from ratiometric FRET images. Allows to correct for channel cross-talk and to calculate FRET from image stacks, i.e., from 3D data sets. ImageJ plugin for intensity-based three-filter set (ratiometric) FRET.

Synonyms: Ratiometric Fluorescence Resonance Energy Transfer

Resource Type: data processing software, image analysis software, software application, software resource

Defining Citation: [PMID:19591240](#)

Keywords: calculate FRET efficiency, ratiometric FRET images, calculate FRET from image stacks, 3D data sets

Availability: Free, Available for download, Freely available

Resource Name: RiFRET

Resource ID: SCR_025028

License: GNU GPL v3

Record Creation Time: 20240305T200904+0000

Record Last Update: 20260821T194312+0000

Ratings and Alerts

No rating or validation information has been found for RiFRET.

No alerts have been found for RiFRET.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Rebenku I, et al. (2023) Pixel-by-pixel autofluorescence corrected FRET in fluorescence microscopy improves accuracy for samples with spatially varied autofluorescence to signal ratio. Scientific reports, 13(1), 2934.