

# Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

## TractionsForAll

RRID:SCR\_021819

Type: Tool

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### Proper Citation

TractionsForAll (RRID:SCR\_021819)

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### Resource Information

**URL:** <https://www.mayo.edu/research/labs/tissue-repair-mechanobiology/software>

**Proper Citation:** TractionsForAll (RRID:SCR\_021819)

**Description:** Software tool to calculate 2D tractions exerted by adherent cell on its substrate. Used in field of mechanobiology to study contractile responses of variety of cell types.

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

**Keywords:** Traction force analysis, 2D tractions, adherent cell, mechanobiology, cell contractile responses

**Availability:** Free, Freely available

**Resource Name:** TractionsForAll

**Resource ID:** SCR\_021819

**Record Creation Time:** 20220129T080357+0000

**Record Last Update:** 20260821T194206+0000

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### Ratings and Alerts

No rating or validation information has been found for TractionsForAll.

No alerts have been found for TractionsForAll.

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### Data and Source Information

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

## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Aravamudhan A, et al. (2024) Non-canonical IKB kinases regulate YAP/TAZ and pathological vascular remodeling behaviors in pulmonary artery smooth muscle cells. Physiological reports, 12(7), e15999.

Southern BD, et al. (2024) A novel mechanoeffector role of fibroblast S100A4 in myofibroblast transdifferentiation and fibrosis. The Journal of biological chemistry, 300(1), 105530.