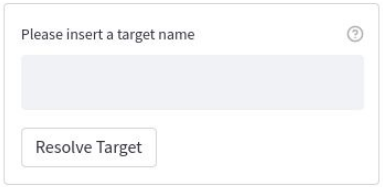
Search, download and process the TESS data of any target you desire in a simple interface app.



Explore the intrinsic variability of astronomical objects catalogued at the SIMBAD portal.

Get a quick look at our page

www.tessextractor.app

Need assistance? Please email

support@tessextractor.app

Any question or suggestion please contact us.

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ARYS
Activity and Rotation of Young Stellar Objects

instituto de astronomía unam

TESS Extractor

Quickviewer app

A user-friendly web application to visualize TESS light curves

Check online the time series of a diverse astrophysical phenomena (e.g., Pulsations, transits, rotation, flares, YSO, etc.)

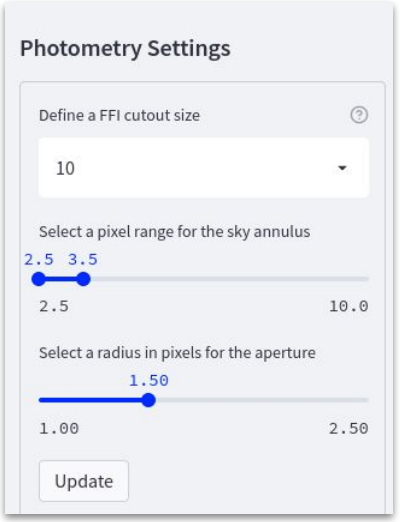
Services

Light Curve Search

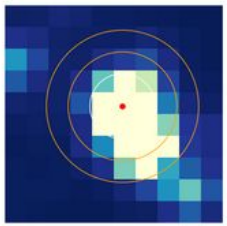
- Make a simple aperture photometry extraction.
- Display an Interactive light curve viewer.
- Check available TESS sectors.
- Download the result time series in ASCII format.
- Get a periodogram viewer to investigate periods of the signals.

Systematics Correction

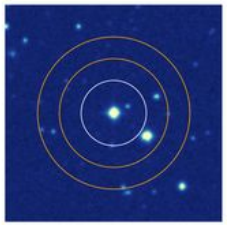
- Fix the light curves of systematic effects by using the cotrending basis vectors.
- Define a photometric aperture, sky annulus and cutout size.
- Display the first image of the TESS cutout. Also, display an alternative image from DSS of the same field of view as TESS.



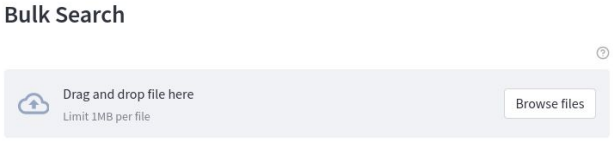
Check if photometric aperture contains most of the your target flux and/or if they are contaminated by neighbours.



TESS thumbnail (21arc~1px). White circle (photometric aperture) and the orange circle (annulus).



DSS cutout of the same area as a comparative thumbnail of TESS cutout (1arc~1px)

Bulk Search

- Search and process up to 1 MB list of objects at the web application.
- Get ascii files to make independent scientific analyses.