

Microlensing Search for Exoplanets

Unfortunately, there are no targets which meet criteria at this time.

To enable events to be followed through to a conclusion future targets will be those;

- which have recently been identified as potential microlensing events
- quiescent magnitude is 18 or brighter

Advice to imagers

To obtain the best approximation to Gaia magnitudes;

- 1) Use a Sloan r' filter
or
- 2) Use a Cousins R filter but ensure target is above 20 degrees altitude
or
- 3) If imaging unfiltered ensure target is above 45 degrees altitude
and
- 4) Use Gaia DR2 data for obtaining magnitudes of comparison stars -
<https://www.cosmos.esa.int/web/gaia/data-release-2>

If using Astrometrica select;

- 1) Filter r', R (Cousins) or Clear/None depending on filter used
- 2) Color Band G
- 3) Star Catalog Gaia DR2

New alerts

None

Previously notified alerts for which observations are still required

None

Observations are no longer required for;

Gaia21dnc

Gaia21brx

Please send observations to Roger Dymock. Data required;

Observing site

Observer, name

Photometric software

Photometric Catalogue used

Catalogue magnitude band

Date and time (JD) e.g., 59403.391447

Target e.g., Gaia21bfr

Filter used

Magnitude

Error

Data from [BHTOM](#) and [Gaia Photometric Alerts](#) websites

Alerts can be viewed at <https://britastro.org/node/25935>