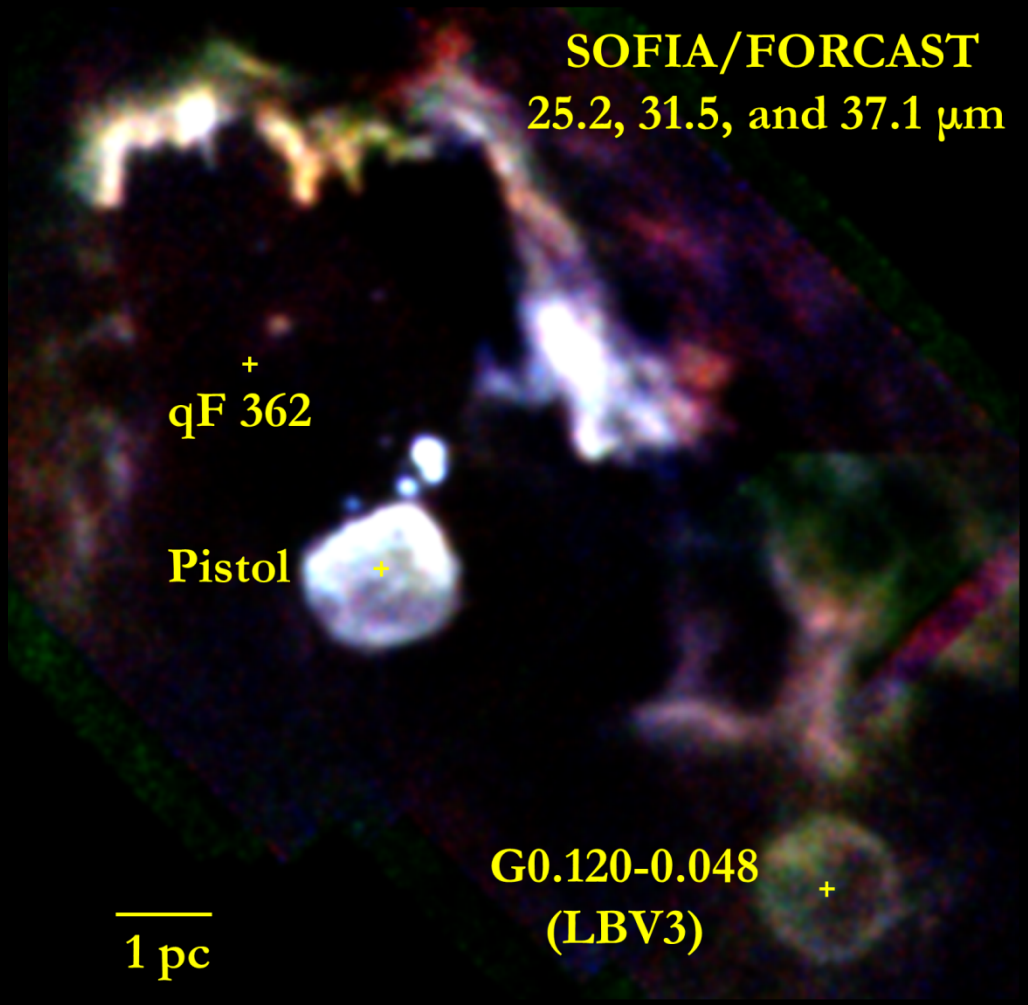
Ryan M. Lau

P43 - SOFIA/FORCAST Observations of the Luminous Blue Variables in and near the Quintuplet Cluster



- *First detection of hot dust envelope surrounding LBV3*
- Compare and contrast…
- Pistol composed of small, transiently heated grains (and a separate pop. of large equilibrium heated grains).
  - Primarily heated by radiation from hot, nearby QC stars
- LBV3 composed solely of large equilibrium heated grains
  - Primarily heated by radiation from the LBV3 star

SOFIA/FORCAST image taken July 1, 2013