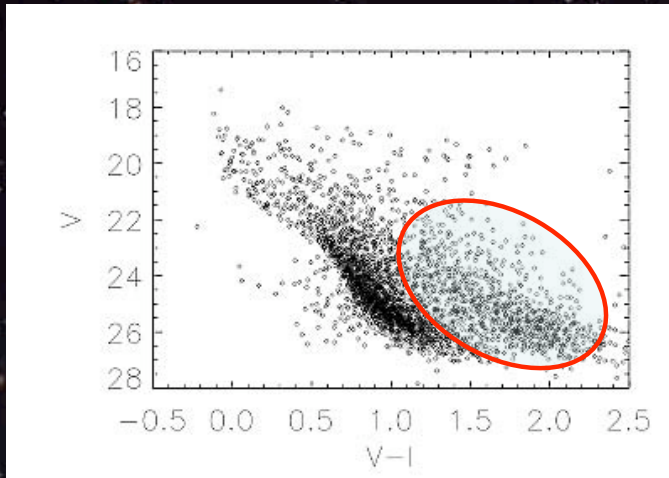


# Star Formation in the SMC: NGC602

A.Nota, L. Carlson, M. Sirianni, J. Hora,  
E. Sabbi, M. Meixner, M. Clampin, J. Gallagher,  
M.S. Oey, A. Pasquali, L.J. Smith, M. Tosi, R. Walterbos

HST/ACS V,I, H $\alpha$  composite  
image of NGC602 in the SMC

NGC602 is a small  
bright star forming region  
located in the SMC wing  
(Westerlund, 1964 –  
Massey et al. 2000)



V, V-I Color Magnitude Diagram of NGC602, with evidence of a population of pre-main sequence stars at  $V > 24$  (in the red circle)

Spitzer/IRAC composite image of NGC602 (3.6, 5.5, 8 μm)

#### ABSTRACT

- We find evidence of a rich pre-main sequence population in NGC602 from deep V, I HST/ACS images
- Spitzer/IRAC observations at 3.6, 5.5 and 8 μm will allow us to fully characterise this newly discovered population