

Figure 1: Keck LGS-AO image of Aql X-1 with north up, east left. The IR target is 0.48" west of a nearby source.

I'll be using these images for astrometry. Depending on the performance:

- If AO correction is good then  $\sim$  30s integrations in H with the narrow camera.
- Otherwise, 30-second integrations in  $K_s$  with the wide camera should be fine if the PSF is being Nyquist sampled.