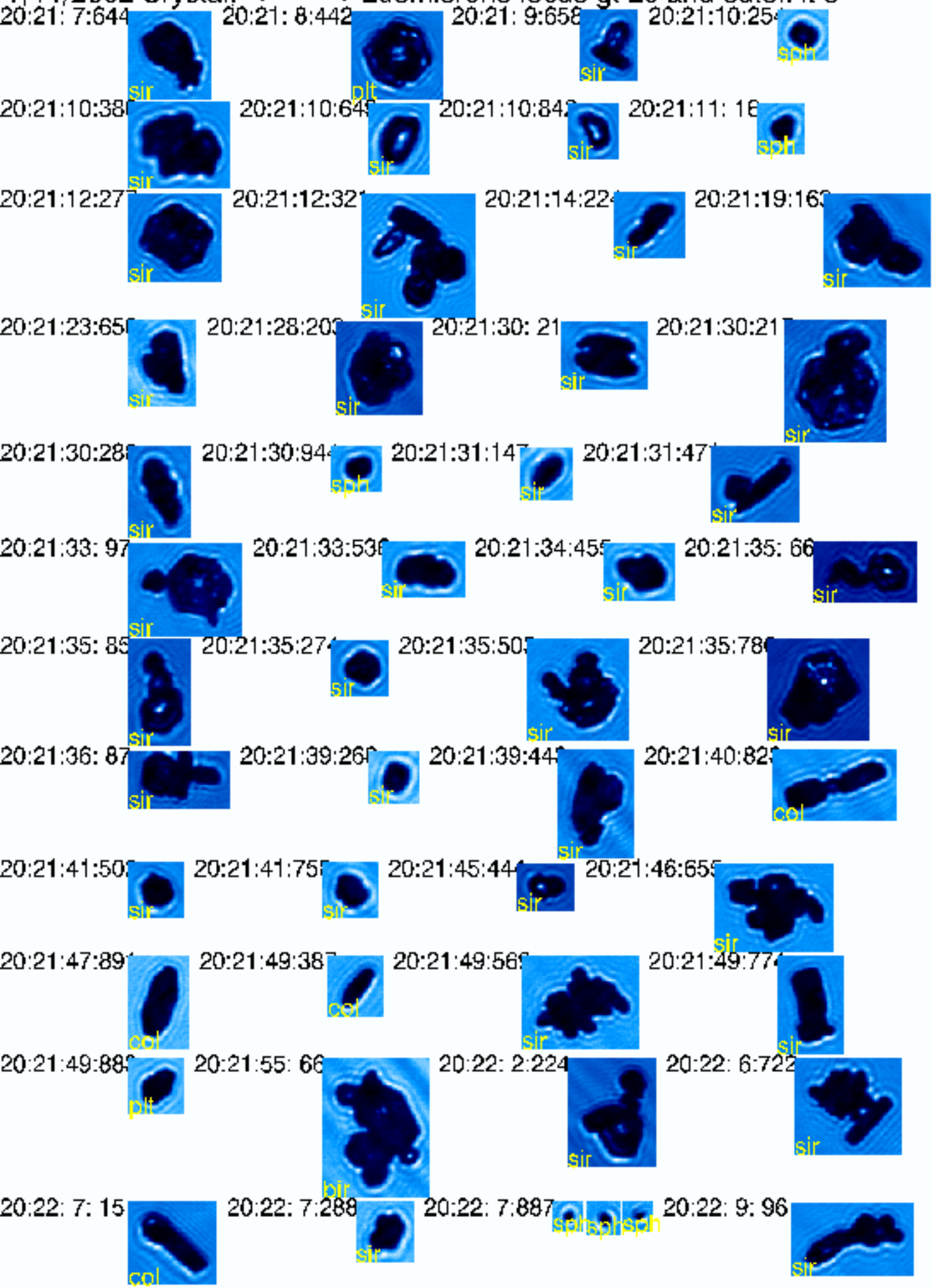7/11/2002 Crystal, <-------->200microns focus gt 20 and cutoff lt 6