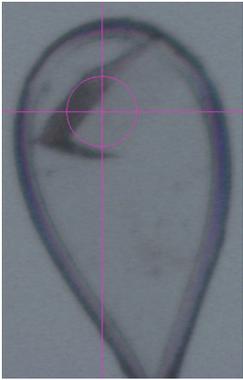


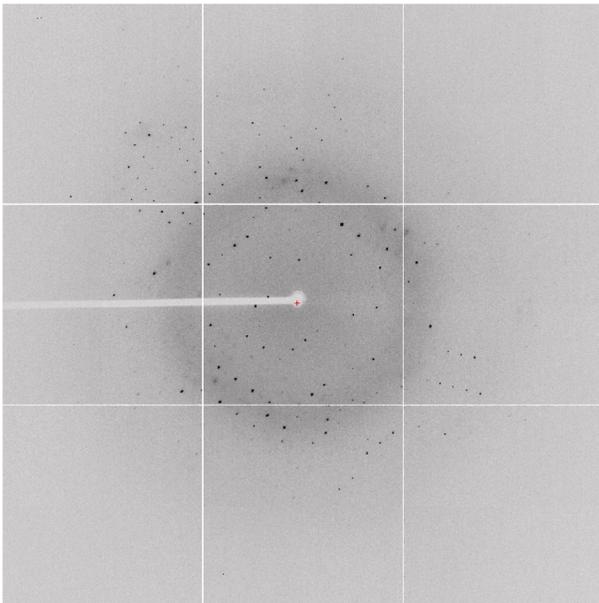
**Supplementary Material**



(a)



(b)



(c)

**Figure 1:** CsgC crystals. (a) Native; (b) [SeCys/SeMet] CsgC crystal mounted in a cryo loop, prepared for data collection on PROXIMA1, SOLEIL, Paris; (c) representative 1° oscillation image data collected from a SeCys CsgC crystal on a ADSC-315r detector on PROXIMA1, SOLEIL, Paris, with an exposure time of 1 sand a crystal-to-detector distance of 220 mm. The resolution at the edge corresponds to approximately 1.3 Å.