

Supplementary Table 1. Anomalous scattering factors for some common heavy atoms at Cr and Cu radiation (Cr $K\alpha$ radiation, $\lambda = 2.29 \text{ \AA}$; Cu $K\alpha$ radiation, $\lambda = 1.54 \text{ \AA}$).

Atoms	Cr $K\alpha$ ($\lambda = 2.29 \text{ \AA}$)	Cu $K\alpha$ ($\lambda = 1.54 \text{ \AA}$)
Phosphorus	0.90	0.43
Potassium	2.12	1.07
Sulfur	1.14	0.56
Chlorine	1.42	0.70
Calcium	2.51	1.29
Selenium	2.28	1.14
Bromine	2.56	1.29
Iodine	12.82	6.83
Zinc	1.38	0.68

Supplementary Figure 1. The anomalous signal reduction as a function of resolution. The peak heights of the heavy atoms were derived from the anomalous Fourier map, which was calculated using the final phases. (a) Peak heights for the sulfurs from cysteines. (b) Peak heights for the sulfurs from methionines. (c) Peak heights for bromides.

