

	SiaA Native	SiaA SeMet	SiaC Native	SiaC SeMet
Wavelength (Å)	0.9764	0.979	0.9801	0.9766
Resolution range (Å)	49.81 - 2.094 (2.169 - 2.094)	27.35 - 2.49 (2.579 - 2.49)	57.96 - 1.735 (1.797 - 1.735)	38.74 - 2.94 (3.045 - 2.94)
Space group	P 21 21 21	P 21 21 21	I 2 2 2	P 31 2 1
Unit cell (Å)	51.17 110.48 111.6 90 90 90	51.354 109.416 111.46 90 90 90	35.4 72.8 95.8 90 90 90	77.482 77.482 85.02 90 90 120
Total reflections	205960 (19009)	606993 (59041)	116718 (7271)	130598 (12091)
Unique reflections	37739 (3471)	22684 (2229)	13113 (1176)	6550 (603)
Multiplicity	5.5 (5.5)	26.8 (26.5)	8.9 (6.2)	19.9 (19.9)
Completeness (%)	99.18 (93.11)	99.85 (99.82)	98.94 (90.81)	99.53 (96.20)
Mean I/sigma (I)	7.20 (0.99)	20.17 (1.65)	12.05 (0.90)	21.22 (1.56)
Wilson B-factor (Å²)	41.65	66.72	34.21	97.73
R-merge	0.1603 (1.432)	0.1411 (1.813)	0.09846 (1.129)	0.1306 (1.444)
CC1/2	0.993 (0.461)	0.998 (0.752)	0.998 (0.62)	0.999 (0.784)
R-work	0.2177 (0.3346)	0.2055 (0.2768)	0.1972 (0.3956)	0.2122 (0.3450)
R-free	0.2522 (0.3782)	0.2542 (0.3665)	0.2348 (0.4305)	0.2812 (0.4126)
RMS (bonds) (Å)	0.014	0.014	0.008	0.015
RMS (angles) (°)	1.71	1.77	1.19	1.82
Ramachandran outliers (%)	0.00	0.00	0.00	0.41
Rotamer outliers (%)	3.73	4.07	0.00	12.50
Clashscore	2.80	3.23	2.65	8.62
Average B-factor (Å²)	53.79	71.23	43.58	106.10