

Supplementary Material (WA5056)

Supplementary Table 1

Statistics for all the thermolysin datasets collected using the acoustic injection method and the conveyor belt at beamline X25. All datasets were collected after an initial x-ray raster scan to locate the crystals in the drops. The dataset number corresponds to the drop. Letters following a number are used to denote multiple crystals in the same drop. Highlighted datasets were used to make the statistics shown in Table 1

Dataset	# Images	Resolution (Å)	# Reflections	# Unique reflections	Multiplicity	Rmeas (%)	CC1/2	Completeness (%)	I/sigI	Mosaicity (°)
1a	32	80.55-2.29 (2.37-2.29)	17192	8494	2.0 (1.5)	23.7	0.957 (0.527)	55.0 (22.1)	4.1 (1.5)	0.55
1b	23	50.65-2.30 (2.38-2.30)	10581	7397	1.4 (1.2)	22.2	0.949 (0.553)	48.7 (17.2)	3.5 (1.1)	0.55
2a	40	80.52-2.2 (2.33-2.26)	22609	9753	2.3 (1.7)	24.5	0.952 (0.608)	60.2 (21.2)	4.0 (1.1)	0.3
2b	37	40.23-2.97 (3.15-2.97)	12559	5707	2.2 (2.2)	31.9	0.907 (0.507)	79.1 (83.1)	3.6 (1.5)	0.47
3a	47	68.28-1.82 (1.86-1.82)	44045	16921	2.6 (1.0)	15.3	0.976 (0.651)	57.0 (22.4)	5.8 (1.2)	0.36
3b	60	80.41-1.81 (1.85-1.81)	55605	18666	3.0 (1.0)	14.9	0.980 (0.921)	61.8 (25.5)	6.0 (1.2)	0.31
3c	60	68.37-2.45 (2.55-2.45)	33338	11113	3.0 (3.0)	34.2	0.919 (0.506)	88.9 (94.8)	3.3 (1.4)	0.48
4	45	81.18-2.52 (2.62-2.52)	17578	4289	4.1 (3.4)	22.4	0.954 (0.459)	35.6 (38.1)	5.0 (1.4)	1.1
5	60	80.40-3.39 (3.66-3.39)	10673	2906	3.7 (3.1)	53.9	0.772 (0.506)	58.2 (60.6)	2.4 (1.5)	1.25
6	41	68-45-2.96 (3.14-2.96)	12395	4925	2.5 (2.6)	29.3	0.870 (0.718)	68.3 (72.9)	2.4 (1.7)	0.78
7	37	80.24-2.29 (2.37-2.29)	23823	8538	2.8 (2.6)	29.3	0.956 (0.525)	56.5 (63.7)	3.4 (1.4)	1.15
8	35	65.31-2.65 (2.78-2.65)	13283	5784	2.3 (2.3)	37.3	0.949 (0.513)	56.5 (50.3)	3.5 (1.3)	1.56
9a	60	68.22-1.66 (1.69-1.66)	101809	37157	2.7 (1.7)	13.4	0.987 (0.527)	94.7 (73.8)	6.7 (1.1)	0.43
9b	60	68.45-2.46 (2.56-2.46)	33014	10907	3.0 (3.0)	23.5	0.938 (0.561)	86.9 (96.2)	4.5 (1.4)	0.82
9c	60	68.70-3.08 (3.29-3.08)	14292	5141	2.8 (2.8)	42.3	0.869 (0.570)	78.4 (78.7)	3.4 (1.6)	0.72

9c	60	43.79-3.48 (3.81-3.48)	9854	3389	2.9 (2.9)	78.1	0.690 (0.565)	73.0 (73.1)	4.1 (2.2)	0.43
10	60	65.15-3.13 (3.35-3.13)	17984	5755	3.1 (3.0)	37.2	0.846 (0.607)	93.3 (98.2)	2.7 (1.4)	0.1
11a	60	68.60-2.30 (2.38-2.30)	42281	15048	2.8 (2.8)	28.1	0.952 (0.545)	97.8 (98.7)	3.7 (1.5)	0.8
11b	60	65.68-2.30 (2.38-2.30)	42358	12275	3.5 (3.5)	42.6	0.923 (0.521)	79.9 (77.5)	3.2 (1.3)	0.45
12a	58	68.44-2.18 (2.25-2.18)	42806	15523	2.8 (2.5)	27.7	0.930 (0.773)	86.8 (76.7)	4.0 (0.8)	0.57
12b	60	68.51-1.93 (1.98-1.93)	55511	46801	1.2 (1.2)	19.5	0.921 (0.563)	49.7 (11.0)	3.2 (0.9)	0.21
12c	56	65.55-2.15 (2.21-2.15)	45301	15743	2.9 (2.0)	23.9	0.948 (0.553)	84.5 (86.1)	4.2 (1.5)	0.34