

Table S4 Normalized distances ($\chi = \Delta d^{*100} / \Delta d$) of gold particles found in wild type SCs. Distances are indicated in nm.

SYP1-N (n= 63)	SYP2-C (n= 44)	SYP3-C (n=27)	SYP4-N (n=51)	HTP3 (n=25)
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	4.78	0
0	0	0	11.07	0
0	0	0	21.25	0
0	0	0	24.9	0
0	14.31	0	26.8	0
0	17.56	0	27.12	0
0	21.41	0	27.6	0
0	21.77	0	27.7	0
0	28.33	0	28.22	0
0	31.02	0	28.99	0
0	32.86	0	29.08	0
0	33.3	0	29.75	0
0	34.17	0	30.32	0
0	37.06	0	31.8	0
0	37.46	0	32.4	0
20.97	39.75	0	32.82	0
26.01	41.09	0	33.08	1.74
27.04	42.8	0.99	33.27	4.2
31.61	42.93	1.2	33.5	36.42
32.12	43.5	38.67	33.98	43.59
32.86	43.66	40.57	34.01	44.18
33.76	43.7	42.45	36	
35.21	43.81	47.36	37.3	
36.67	44.3		37.64	
36.85	44.41		37.88	
37.86	44.68		38	
38.26	44.86		39.58	
38.69	45.04		39.76	
39.06	45.77		40.42	
39.8	46.25		40.65	
40.71	46.9		40.71	
41.57	47.06		41.75	

41.62	47.42	42
41.89	47.72	42
42.29	48.21	42.02
43.54	48.73	42.02
44.04	48.73	42.32
44.42	49.62	42.97
44.65	49.72	44.07
44.74	49.82	44.8
44.86		44.92
45.35		45.28
45.51		45.98
45.55		46
45.67		48.04
45.95		49.42
46.43		49.5
46.54		
46.96		
47.8		
47.9		
48		
48.22		
48.42		
49.34		
49.42		
49.68		
49.74		
50		
